

Morgan State University Faculty Research Profiles

Published: December 12, 2017

These profiles are for faculty at Morgan State University who engage in health-related research. The profiles are meant to inform/be used by students participating in ASCEND programs such as the Summer Research Institute, the ASCEND Scholars program, and the Student Research Center.

Inclusion in this document does not in any way commit a faculty member to serve as an advisor to or mentor for any ASCEND or other students.

Morgan State University Faculty Research Profiles

Indexed by Faculty Last Name

Last Name	First Name	Department
Aslan	Kadir	Civil Engineering
Bapna	Sanjay	Information Science & Systems
Baptiste-Roberts	Kesha	Community Health & Policy
Berliner	Brett	History & Geography
Bhatt	Ganesh	Information Science & Systems
Bowen-Reid	Terra	Psychology
Bridges	Leon	Architecture & Environmental Design
Brown	Lawrence	Community Health & Policy
Bushuev	Maxim	Information Science & Systems
Charalambides	Jason	Architecture
Chester	Charlene	Psychology
Cottman	Johanna	Social Work
Darrell	Linda	Social Work
Dean	Richard	Electrical & Computer Engineering
Dibua	Jeremiah	History & Geography
Dube	Francis	History & Geography
Estreet	Anthony	Social Work
Fan	Chunlei	Biology
Fay	Mary Ann	History & Geography
Foster	Mary	Business & Management
Gharipour	Mohammad	Architecture
Haines	R. Trent	Psychology
Haynes	Gregory	Chemistry
Head	Monique	Civil Engineering
Hodges	Amber	Psychology
Hoffman	Gloria	Biology
Hohmann	Christine	Biology
Hossain	Bazle	Community Health & Policy
Islam	Faridul	Economics
Javadian	Golshan	Business & Management
Javonillo	Robert	Biology
Kamangar	Farin	Community Health & Policy
Kargon	Jeremy	Architecture
Koban	Michael	Biology
Koissi	Ningangoran	Chemistry
Kornegay	Kevin	Electrical & Computer Engineering
Kroiz	Gabriel	Architecture & Environmental Design
Liao	Minli	Social Work
Mahnke	Sequean Zev	Social Work
McCarthy	Pumtiwitt	Chemistry

Morgan State University Faculty Research Profiles

McLemore	Gabrielle	Biology
Moazzami	Farzad	Electrical & Computer Engineering
Morrow	Robert	History & Geography
Noel	Linda	History & Geography
Nyaga	Simon	Biology
Nyarko	Kofi	Electrical & Computer Engineering
O'Keefe	Anne Marie	Community Health & Policy
Patel	Sandip	Information Science & Systems
Pavuk	Alexander	History & Geography
Peskin	Lawrence	History & Geography
Pramanik	Saroj	Biology
Rajavel	Mathumathi	Biology
Rameau	Gerald	Biology
Ramsey	Gregory	Information Science & Systems
Saifuddin	Samina	Business & Management
Sanders	Tonya	Architecture & Planning
Shaw	Roosevelt	Chemistry
Sheikhattari	Payam	Community Health & Policy
Sitther	Viji	Biology
Tseng	Chien-Chi	Business & Management
Thurman	Dawn	Social Work
Turner-Musa	Jocelyn	Psychology
Van Sluytman	Laurens	Social Work
Wagner	Fernando	Community Health & Policy
Wang	Ziping	Information Science & Systems
Warren	Kimberly	Psychology
Wells	Anita	Psychology
Winstead	Angela	Chemistry

Morgan State University Faculty Research Profiles

Indexed by Department and Specific Area of Expertise

Department	Specific Area of Expertise	Last Name	First Name
Architecture	Building Technology and Design	Charalambides	Jason
Architecture	Islamic Architecture and Urban Design; Garden and Landscape History; Healing Environments	Gharipour	Mohammad
Architecture	Visual Depictions of Urban Landscapes	Kargon	Jeremy
Architecture & Environmental Design	Advancement of African-American Architecture Students	Bridges	Leon
Architecture & Environmental Design	Urban Sustainability; Sustainable Building Systems; Design Pedagogy	Kroiz	Gabriel
Architecture & Planning	Faith-based Community Development; Built Environment and Health; Affordable Housing; Community Organizing	Sanders	Tonya
Biology		McLemore	Gabrielle
Biology	Aquatic Microbial Ecology and Biogeochemistry in Marine and Estuarine Environments	Fan	Chunlei
Biology	Biofuel Production in Brackish Waters using <i>Fremyella Diplosiphon</i>	Sitther	Viji
Biology	Chronic Sleep Disruption; Injury (multiple sclerosis, traumatic brain injury); Mutations of the Fragile X Gene (ovarian problems, motor problems and autistic behavior)	Hoffman	Gloria
Biology	Evolution of Vertebrates, particularly the Reproductive Evolution of Characid Fishes	Javonillo	Robert
Biology	Molecular Microbiology	Rajavel	Mathumathi
Biology	Ontogeny of Cerebral Cortex, within the Context	Hohmann	Christine

Morgan State University Faculty Research Profiles

	of Mental Health Disorders		
Biology	Sleep Restriction of Rats Results in the Development of Many Pathologies	Koban	Michael
Biology	Synaptic Plasticity; Neural Glucose Transporter Type-3 (GLUT3) Trafficking and Function; Neurodegeneration	Rameau	Gerald
Biology	Translational Control of Gene Expression during Cellular Differentiation; Cancer Drug Development	Pramanik	Saroj
Biology	Understanding the Molecular Mechanisms of DNA Damage Repair and the Role of Oxidatively-Induced DNA Damage in the Etiology of Cancers of the Breast, Pancreas and Prostate	Nyaga	Simon
Business & Management	Team and Organizational Effectiveness in Education, Healthcare, and Innovation Settings	Foster	Mary
Business & Management	Stereotypes in Organizational and Entrepreneurial Settings, High Quality Connections in Entrepreneurial Networks, Relative Deprivation/Gratification in Entrepreneurship, and Diversity	Javadian	Golshan
Business & Management	Gender and Diversity, Career, Leadership, Entrepreneurship and Networking Behavior	Saifuddin	Samina
Business & Management	New Business Development, Creativity and Innovation, Entrepreneurial Leadership, and Organizational Learning	Tseng	Chien-Chi

Morgan State University Faculty Research Profiles

Chemistry	Bioinorganic Chemistry; Chemical Genetics	Haynes	Gregory
Chemistry	Chemically Modified Nucleic Acids within Therapeutics, Diagnostics, Environment and Nanobioscience	Koissi	Ningangoran
Chemistry	Enzymology, protein structure-function relationships, carbohydrate biosynthesis, chemoenzymatic synthesis, carbohydrate- based biomaterials, vaccine development	McCarthy	Pumtiwitt
Chemistry	Molecular Modeling (computational chemistry) to a host of organic reactions and biochemical systems in order to gain greater insight on a molecular level into the kinetics	Shaw	Roosevelt
Chemistry	STEM Education; Microwave Synthesis of Near-IR Heptamethine Cyanine Dyes and Pathogen Detection	Winstead	Angela
Civil Engineering	Nanotechnology: Plasmonics, Metal- Enhanced Fluorescence, Metallic Nanoparticles, Ultra Fast Surface Chemistry, Ultra Fast Nanoparticle-Based Assays, Metal-Assisted Crystallization. Biotechnology: Medical biotechnology, Biosensors, Plasmon-Enhanced Enzymatic Reactions, Biological Hydrogen Production.	Aslan	Kadir
Civil Engineering	Structural Dynamics, Performance-Based Bridge Design Using Fiber	Head	Monique

Morgan State University Faculty Research Profiles

	Reinforced Polymer (FRP) Composite Materials, Seismic Retrofitting of Bridges and Buildings (earthquake engineering)		
Community Health & Policy	Cancer Epidemiology	Kamangar	Farin
Community Health & Policy	Community Based Participatory Research; Social Network Theory; Nicotine Dependence and Substance Abuse	Sheikhhattari	Payam
Community Health & Policy	Impact of Residential Displacement and Financial Disinvestment on Community Health	Brown	Lawrence
Community Health & Policy	Public Mental Health (particularly in drug, dependence, depression, and suicide)	Wagner	Fernando
Community Health & Policy	Tobacco Control	O'Keefe	Anne Marie
Community Health & Policy	Trust and HIV/AIDS Vaccine Trial; Barriers for HIV Testing; Depression and Campus Sexual Violence; ATOD use Among Adolescents and Psychosocial Well-Being in Young Adulthood	Hossain	Bazle
Community Health & Policy	Women's Health	Baptiste-Roberts	Kesha
Economics	Currency Crisis; International Trade; Development Economics	Islam	Faridul
Electrical & Computer Engineering	Cyber Security; Cryptography algorithms; Data and Communication Security; Wireless Networks and Network Security; Digital signal processing for communications systems; Pen Testing; Security Risk Analysis; Online Engineering Education	Moazzami	Farzad

Morgan State University Faculty Research Profiles

Electrical & Computer Engineering	IoT Device Security; Reverse Engineering; Hardware Assurance; Secure Embedded System Design; Side-Channel Analysis; Differential Fault Analysis	Kornegay	Kevin
Electrical & Computer Engineering	Network and Cloud Security; Cryptography	Dean	Richard
Electrical & Computer Engineering	Visual Analytics; Cyber Security	Nyarko	Kofi
History & Geography	Africa; History of Medicine and Public Health; Environmental History	Dube	Francis
History & Geography	Early America	Peskin	Lawrence
History & Geography	European and French Cultural History	Berliner	Brett
History & Geography	Modern Africa; African-Diaspora; African Development and Public Policy	Dibua	Jeremiah
History & Geography	Post-1945 America; Media; Public Broadcasting; Cultural & Intellectual History	Morrow	Robert
History & Geography	Science and Religion; American Intellectual and Cultural History; American Religious History	Pavuk	Alexander
History & Geography	Social and Cultural History of the Middle East; Women and Gender	Fay	Mary Ann
History & Geography	U.S. History from the Colonial Era to the Early 20th Century; Slavery and Emancipation, U.S. Civil War, Immigration/Migration; and Social and Cultural History	Noel	Linda
Information Science & Systems	Decision making; Process characterization; Health Care Analytics	Ramsey	Gregory

Morgan State University Faculty Research Profiles

Information Science & Systems	Global Supply Chain Management; Risk Management; E-commerce; Port Logistics; Transaction Cost Economies; Pricing Strategy and Revenue Management; and Network Security	Wang	Ziping
Information Science & Systems	Information Systems and Analysis	Bapna	Sanjay
Information Science & Systems	Information Systems and Human Computer Interactions	Bhatt	Ganesh
Information Science & Systems	Security, risk management, and information systems	Patel	Sandip
Information Science & Systems	Supply Chain Delivery Performance and Production Planning	Bushuev	Maxim
Psychology	Adoption and Family Development	Chester	Charlene
Psychology	Educational Psychology; Rasch Measurement Models; Structural Equation Models; Statistics, Culturally-Responsive Measurement	Haines	R. Trent
Psychology	Health Promoting and Health Compromising Behaviors in Adolescent and Young Adult Samples, Most Notably, College Students	Turner-Musa	Jocelyn
Psychology	Impact of Trauma and Violence on Mental Health, Physical Health and Academic Performance, Correlates of Student Success and Career Readiness, Health and Wellness Among Veterans, Military Service Members and their Families, and Biopsychosocial	Wells	Anita

Morgan State University Faculty Research Profiles

	Perspectives in Addressing Health Disparities		
Psychology	Obesity; Promotion of Healthy Behaviors; Effects of Exercise on Neurocognition; Metabolic Disease Risk in Underserved Populations	Warren	Kimberly
Psychology	Undergraduate Research Training and Development; Health Disparities; African/Black Psychology	Bowen-Reid	Terra
Psychology	Undergraduate Research Training and Development; Mentoring; Neuropharmacology	Hodges	Amber
Social Work	Child and Adolescent Psychopathology; Clinical Social Work; Black Families. Risk and Protective Factors of Exposure to Violence and Bullying	Thurman	Dawn
Social Work	Education Policy, School Social Work, Hip-Hop Psychology, Human Behavior in The Social Environment, Effective Mentoring Strategies, Recidivism, and Social Justice	Mahnke	Sequean Zev
Social Work	Gender; HIV; Public Health and Policy; Sex/Sexuality; Race; Deindustrialization	Van Sluytman	Laurens
Social Work	Mental Health in the African-American Community; Obesity	Cottman	Johanna
Social Work	Mental Health in the African-American Community; Obesity	Darrell	Linda
Social Work	Social and Behavioral Determinants of Health Among African Americans	Estreet	Anthony

Morgan State University Faculty Research Profiles

Social Work	Urban Child Welfare; Children with Disabilities; Child Abuse and Neglect; Grandparenting; Quantitative and Qualitative Research Methods	Liao	Minli
-------------	---	----------------------	-------

Morgan State University Faculty Research Profiles

Morgan State University Faculty Research Profiles

Kadir Aslan
Associate Dean for Undergraduate Studies
Professor – School of Engineering

MSU Campus
Office: MEB, Room 116
Phone: 443-885-2242
E-mail: kadir.aslan@morgan.edu



Education:

Ph.D. in Chemical Engineering, Illinois Institute of Technology, 2003.
M.Sc. in Chemical Engineering, Middle East Technical University (Turkey), 1998.
B.Sc. in Chemical Engineering, Hacettepe University (Turkey), 1995.

Research Interests:

Nanotechnology: Plasmonics, Metal-Enhanced Fluorescence, Metallic Nanoparticles, Ultra Fast Surface Chemistry, Ultra Fast Nanoparticle-Based Assays, Metal-Assisted Crystallization.

Biotechnology: Medical biotechnology, Biosensors, Plasmon-Enhanced Enzymatic Reactions, Biological Hydrogen Production.

Recent and Selected Publications:

1. Aslan, K.; Pérez-Luna, V.H. "Surface Modification of Colloidal Gold by Chemisorption of Alkanethiols in the Presence of a Nonionic Surfactant", *Langmuir* (2002), 18, 6059-6065.
2. Aslan, K.; Pérez-Luna, V.H. "Nonradiative Interactions between Biotin Functionalized Gold Nanoparticles and Fluorophore-Labeled Antibiotin" *Plasmonics* (2006), 1 (2-4), 111-119.
3. [Aslan, K. "Rapid Whole Blood Bioassays using Microwave-Accelerated Metal-Enhanced Fluorescence", *Nano Biomedicine and Engineering* \(2010\), 2 \(1\), 1-9.](#)
4. [Addae, S.; Pinard, M.; Caglayan, H.; Cakmakyapan, S.; Caliskan, D.; Ozbay, E.; Aslan*, K. "Rapid and Sensitive Colorimetric ELISA using Silver Nanoparticles, Microwaves and Split Ring Resonator Structures", *Nano Biomedicine and Engineering*, \(2010\), 2 \(3\), 155-164.](#)
5. Caglayan, H.; Cakmakyapan, S.; Addae, S.; Pinard, M.; Caliskan, D.; Aslan, K.; Ozbay, E. "Ultrafast

Morgan State University Faculty Research Profiles

and Sensitive Bioassay using Split Ring Resonator Structures and Microwave Heating" Applied Physics Letters, (2010), 97 (9), 093701.

6. [Pinard, M.; and Aslan, K. "Metal-Assisted and Microwave-Accelerated Evaporative Crystallization", Crystal Growth and Design, \(2010\), 10 \(11\), 4706-4709.](#)

7. [Grell, T.A.J.; Ortiz, E. P.; Das, S.R.; and Aslan*, K. "Quantitative Comparison of Protein Surface Coverage on Glass Slides and Silver Island Films in Metal-Enhanced Fluorescence-based Biosensing Applications", Nano Biomedicine and Engineering, \(2010\), 2 \(3\), 165-170.](#)

8. Alabanza, M.; Anginelle; Aslan*, K. "Metal-Assisted and Microwave-Accelerated Evaporative Crystallization: Application to L-Alanine", Crystal Growth and Design", (2011), 11(10), 4300-4304

9. Alabanza, M. A.; Pozharski, E.; Aslan*, K. "Rapid Crystallization of L-Alanine on Engineered Surfaces using Metal-Assisted and Microwave-Accelerated Evaporative Crystallization", Crystal Growth and Design, (2012), 12(1), 346-353.

10. Mohammed, M.; Syed, M.F.; Aslan*, K., "Microwave-Accelerated Bioassay Technique for Rapid and Quantitative Detection of Biological and Environmental Samples", Biosensors and Bioelectronics, (2016), 75, 420-426

Sanjay Bapna

Chair – Department of Information Science & Systems
Professor – Department of Information Science & Systems

MSU Campus
Office: SBM, Room 510-A
Phone: 443-885-3941
E-mail: sanjay.bapna@morgan.edu



Education:

Morgan State University Faculty Research Profiles

Ph.D., Management Information Systems, Dept. of Management Sciences, University of Iowa, 1992
MBA, University of Iowa, 1987
B.Tech, Chemical Engineering, Indian Institute of Technology, Kanpur, India, 1981

Research Interests:

Information systems data related issues including modeling and analytics; database design, research issues related to data retrieval, information analysis and business intelligence; cybersecurity; information assurance; intelligent transportation systems; cost/benefit analysis; ERP systems.

Recent and Selected Publications:

- Ramsey, G. W., & Bapna, S. (2016). Text Mining to Identify Customers Likely to Respond to Cross-Selling Campaigns: Reading Notes from Your Customers. *International Journal of Business Analytics*, 3 (3), 33-49.
- Hua, J., Bapna, S. & Chen, Y. (2015). [Industrial Cyber-Espionage](#). *Journal of Management Systems*, 25 (3), 67-80.
- Ramsey, G. W., & Bapna, S. (2014). A Technique to Exploit Free-Form Notes to Predict Customer Churn . *International Journal of Computational Models and Algorithms in Medicine (IJCMAM)*, 4 (1), 1-16. doi:10.4018/ijcmam.2014010101
- Ramsey, G. W., & Bapna, S. (2014). A European Loyalty Program: Examining Purchase Behavior to Predict Likelihood of Retaining Individual Customers. *International Journal of Business and Commerce*, 3 (9), 27-35.
- Hua, J., & Bapna, S. (2013). Who Can We Trust? The Economic Impact of Insider Threats. *Journal of Global Information Technology Management*, 16 (4), 102-114.
- Hua, J. & Bapna, S. (2013). Rethinking the Impact of Cyber Terrorism on Information Systems Security Investment , *Journal of Strategic Information Systems*, 22(2), 175-186.
- Hua, J. and S. Bapna (2012). "How Can We Deter Cyber Terrorism?" *Information Security Journal: A Global Perspective* 21(2): 102-114.
- Bapna, S. and S. C. Patel (2010). "Securing computerised models and data against integrity attacks." *International Journal of Electronic Finance* 4(4): 343-354.
- Kumar, N., A. Gangopadhyay, S. Bapna, G. Karabatis and Z. Chen (2008). "Measuring interestingness of discovered skewed patterns in data cubes." *Decision Support Systems* 46(1): 429-439.
- Bapna, S. and A. Gangopadhyay (2006). "A Wavelet-Based Approach to Preserve Privacy for Classification Mining: Methodological Note." *Decision Sciences* 37(4): 623-642.
- Kumar, N., A. Gangopadhyay, G. Karabatis, S. Bapna and Z. Chen (2006). "Navigation rules for exploring large multidimensional data cubes." *International Journal of Data Warehousing and Mining (IJDWM)* 2(4): 27-48.
- Bapna, S. and A. Gangopadhyay (2005). "A web-based GIS for analyzing commercial motor vehicle crashes." *Information Resources Management Journal (IRMJ)* 18(3): 1-12.

Morgan State University Faculty Research Profiles

Kesha Baptiste-Roberts
Assistant Professor – Department of Public Health Analysis

MSU Campus
Office: Portage, Room 211
Phone: 443-885-4013
E-mail: kesha.baptisteroberts@morgan.edu



Education:

- 2008 **Postdoctoral Fellowship**, Cardiovascular Epidemiology, The Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
- 9/01 - 05/07 **Doctor of Philosophy (Ph.D.)** Epidemiology, The Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
- 06/05 **Certificate in Maternal and Child Health**, Department of Population & Family Sciences, The Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
- 9/99 - 8/01 **Master Public Health (M.P.H.)** Community Health, Epidemiology, Saint Louis University School of Public Health, Saint Louis, MO
- 8/95 - 05/99 **Bachelor of Science (B.S.)** Biology, Juniata College, Huntingdon, PA

Research Interests:

- Pregnancy-related factors and cardiometabolic outcomes for both mother and offspring along the life course
- Maternal and Child Health
- Women's health (type 2 diabetes, obesity, cardiovascular disease)
- Health disparities among sexual minority women

Recent and Selected Publications:

Baptiste-Roberts K, Bronner Y, Nicholson WK. Adoption of a healthy lifestyle following gestational diabetes mellitus. *Current Nutrition Reports*. Sep 2015; 4(3):259-264

Bicking Kinsey C, **Baptiste-Roberts K**, Zhu J, Kjerulff KH. Effect of multiple previous miscarriages on health behaviors and health care utilization during subsequent pregnancy. *Womens Health Issues*. Mar-Apr 2015;25(2):155-161.

Morgan State University Faculty Research Profiles

- Bicking Kinsey C, **Baptiste-Roberts K**, Zhu J, Kjerulff KH. Effect of previous miscarriage on depressive symptoms during subsequent pregnancy and postpartum in the first baby study. *Matern Child Health J*. Feb 2015;19(2):391-400
- Kinsey CB, **Baptiste-Roberts K**, Zhu J, Kjerulff KH. Effect of Previous Perinatal Loss on Maternal-Infant Bonding during the First Year Postpartum in the First Baby Study: A longitudinal cohort study. *BMC Women's Health* 2014 Jul 15;14:83.
- Kinsey CB, **Baptiste-Roberts K**, Zhu J, Kjerulff K. Birth-related, psychosocial, and emotional correlates of positive maternal-infant bonding in a cohort of first-time mothers. *Midwifery* 2014, May 30 (5), e188-94
- Kraschnewski JL, Chuang CH, Downs DS, Weisman CS, McCamant EL, **Baptiste-Roberts K**, Zhu J, Kjerulff KH. Association of Prenatal Physical Activity and Gestational Weight Gain: Results from the First Baby Study, *Women's Health Issues* 2013, 23(4), e233-38.
- Bicking C, **Baptiste-Roberts K**, Zhu J, Kjerulff K. Effect of Prior Perinatal Loss on the Maternal and Emotional Response to Labor and Delivery of a Healthy Infant, *J Obstet Gynecol Neonatal Nurs*, 2013 Jul; 42(4):442-50.
- Nicholson WK, **Baptiste-Roberts K**, Wang NY, Chang Y, Powe NR. Association between Adiponectin and Tumor Necrosis Factor-alpha Levels at 8-14 Weeks Gestation and Maternal Glucose Tolerance: The Parity, Inflammation and Diabetes (PID) Study, *J Women's Health*, 2013 Mar; 22;(3):259-66
- Baptiste-Roberts K**, Nicholson WK, Powe N, Brancati FL. Gestational Diabetes and Subsequent Growth Patterns of Offspring: The Collaborative Perinatal Project, *Maternal and Child Health Journal*, 2012, Jan; 16(1):125-32
- Baptiste-Roberts K**, Ghosh P, Nicholson WK. Pregravid physical activity, dietary intake and glucose intolerance during pregnancy, *J Women's Health*, 2011 Dec;20(12):1847-51
- Gary-Webb TL, **Baptiste-Roberts K**, Pham L, Wesche-Thobaben J, Patricio J, Pi-Sunyer FX, Brown AF, Jones L, Brancati FL. Neighborhood Socioeconomic Status, Depression, and Health Status in the Look AHEAD (Action for Health in Diabetes) Study, *BMC Public Health* 2011, 11:349
- Nicholson WK, **Baptiste-Roberts K**. The Evidence for Effectiveness and Safety of Oral Hypoglycemic Agents during Pregnancy, *Best Practice & Research Clinical Obstetrics & Gynaecology* 2011 Feb;25(1):51-63
- Gary-Webb TL, **Baptiste-Roberts K**, Pham L, Wesche-Thobaben J, Patricio J, Pi-Sunyer FX, Brown AF, Jones L, Brancati FL. Neighborhood and Weight-related Health Behaviors in the Look AHEAD (Action for Health in Diabetes) study, *BMC Public Health* 2010, 10:312
- Golden SH, Bennet WL, **Baptiste-Roberts K**, Wilson LM, Barone B, Gary TL, Bass E, Nicholson WK. Characteristics of Antepartum and Postpartum Glucose Testing and Risk of Type 2 Diabetes Mellitus in Women with Prior Gestational Diabetes: A Systematic Review, *Gender Medicine* 2009, 6(Suppl):109-122
- Baptiste-Roberts K**, Barone B, Gary TL, Golden SH, Wilson L, Bass E, Nicholson WK. Risk Factors for Type 2 Diabetes among Women with Gestational Diabetes: A Systematic Review, *American Journal of Medicine* 2009, 122(3):207-214
- Atta M, **Baptiste-Roberts K**, Gary TL, Brancati FL. The Natural Course of Microalbuminuria among African Americans with Type 2 Diabetes: A 3 year study, *American Journal of Medicine* 2009, 122(1):62-72

Morgan State University Faculty Research Profiles

Baptiste-Roberts K, Salafia CM, Nicholson WK, Wang NY, Duggan AL, Brancati FL. Gross Placental Measures and Childhood Growth, *Journal of Maternal-Fetal and Neonatal Medicine* 2009, 22(1):13-23

Baptiste-Roberts K, Salafia CM, Nicholson WK, Wang NY, Duggan AL, Brancati FL. Maternal Risk Factors for Abnormal Placental Growth: The National Collaborative Perinatal Project, *BMC Pregnancy and Childbirth* 2008, 8(1):44

Baptiste-Roberts K, Gary TL, Beckles GLA, Gregg E, Owens M, Porterfield D, Engelgau M. Family History of Diabetes, Awareness of Risk Factors, and Health Behaviors among African Americans, *American Journal of Public Health* 2007, 97(5): 907-912

Asao K, Kao WHL, **Baptiste-Roberts K**, Bandeen-Roche K, Erlinger TP, Brancati FL. Short Stature and the Risk of Adiposity, Insulin Resistance, and type 2 Diabetes in Middle Age: The Third National Health and Nutrition Survey (NHANES III), 1988-1994, *Diabetes Care* 2006, 29(7):1632-1637

Baptiste-Roberts K, Gary TL, Bone LR, Hill MN, Brancati FL. Perceived Body Image among African Americans with Type 2 Diabetes, *Patient Education and Counseling*, 2006, 60 (2):194-200

Morgan State University Faculty Research Profiles

Brett Berliner
Associate Professor – Department of History & Geography

MSU Campus
Office: Holmes Hall, Room 320
Phone: 443-885-1783
E-mail: brett.berliner@morgan.edu



Education:

Ph.D. History - Univ. of Massachusetts, Amherst
M.A. History - Univ. of Washington, Seattle
B.A. History - Univ. of California, Berkeley

Research Interests:

Modern Europe and France; European cultural history; race in Europe; Franco-American amity

Recent and Selected Publications:

"'Gods We Were': Rejuvenation as Social Metaphor in Interwar Pulp Fiction in Europe and the United States," *Interdisciplinary Humanities* 30 (Spring 2013): 101-112.

"Chasing the Elusive Pill': YMCA Men, the Paris Baseball League and Making Baseball French, 1919-1925," *The International Journal of the History of Sport* 28:13 (Sept 2011): 1772-1787.

"Syncopated Hits: The Clef Club Negro Baseball Team in Jazz-Age Paris," *Nine: A Journal of Baseball History and Culture* 19: 2 (Spring 2011): 44- 52.

"Mephistopheles and Monkeys: Rejuvenation, Race, and Sexuality in Popular Culture in Interwar France," *Journal of the History of Sexuality* 13:3 (2004): 306-25.

Ambivalent Desire: the Exotic Black Other in Jazz-Age France (Univ. of Massachusetts Press, 2002).

Morgan State University Faculty Research Profiles

"Dancing Dangerously: Colonizing the Exotic at the Bal Nègre in the Inter-War Years," *French Cultural Studies* 12:1 (2001): 59-75.

Morgan State University Faculty Research Profiles

Ganesh Bhatt
Professor – Department of Information Science & Systems

MSU Campus
Office: GSBM, Room 504
Phone: 443-885-3640
E-mail: ganesh.bhatt@morgan.edu



Education:

Ph.D., Southern Illinois University, Carbondale
M.Tech. and B.Tech. from I.I.T Delhi (India)
I.T. BH.U. Varansi (India)

Research Interests:

IS strategy; Knowledge management; IS competencies; Human computer interactions; and Social and ethical aspects of information systems

Recent and Selected Publications:

Karanja, E. & Bhatt, G. D. (in press, 2015). The role of IT investments in Fostering Firm Innovations: An Empirical Study. *Journal of Business and Management*..

Bhatt, G., Pankaj, P., & Rodger, J. (2014). Managing Knowledge in Shared Spaces. *Intelligent Information Management*, 6, 240-247.

Patel, S., Bhatt, G., & Emdad, A. (2014). Development of Simulation: A student's Learning Approach. *American Journal of Information Technology*, 4 (1), 33-49.

Bhatt, G., Emdad, A., Roberts, N., and Grover, V. Building and leveraging information in dynamic markets: the role of it infrastructure flexibility as enabler of organizational responsiveness and competitive advantage, *Information & Management*, 47, (2010), 341-349.

Bhatt, G., and Emdad, A. An empirical examination of the relationship between information technology (IT) Infrastructure, customer focus, and business advantages. *Journal of Systems and Information Technology*, 12, 1, 2010, 4-16.

Patel, S.; Bhatt, G.; and Graham, J. Improving the cyber security of SCADA communication networks. *Communications of the ACM*, 52, 7, (2009), 139-142.

Morgan State University Faculty Research Profiles

Terra Bowen-Reid

Associate Professor – Personality Psychology

MSU Campus

Office: Jenkins, Room 416

Phone: 443-885-2728

E-mail: terra.bowenreid@morgan.edu



Education:

Ph.D. Personality Psychology, Howard University

M.S. Community Psychology, Florida Agricultural and Mechanical University

B.S. Psychology, Florida Agricultural and Mechanical University

Research Interests:

Undergraduate research training and development; health disparities; African/Black Psychology

Recent and Selected Publications:

Morgan State University Faculty Research Profiles

Kambon, K. K., & **Bowen-Reid, T. L.** (2010). Africentric Theories of African American Personality: Basic Constructs and Assessments. *Journal of Pan African Studies*, 8(3).

Kambon, K. K., & **Bowen-Reid, T. L.** (2009). Africentric Theories of African American Personality: Basic Constructs and Assessments. In Neville, H.A., Tynes, B. M., & Utsey, S. O. *Handbook of African American Psychology* (pp. 61-73). Thousand Oaks, CA: Sage Publications, Inc.

LaVeist, TA, Thorpe, R. **Bowen-Reid, TL**, Jackson, J., Gary, T., Gaskin, DJ, and Browne, DC (2008). Exploring Health Disparities in Integrated Communities: An Overview of the EDHIC Study. *Journal of Urban Health*. 85(1), 11-21.

Bowen-Reid, T. L., and Smalls, C. (2004). Stress, Spirituality, and Health Promoting Behaviors in African American College Students. *The Western Journal of Black Studies*, 28(1), 283-291.

Bowen-Reid, T. L., and Rhodes, W. A.. (2003). Assessment of Marijuana Use and Psychosocial Correlates among Students Attending Historical Black Colleges and Universities. *Journal of Black Psychology*, 29(4), 429-444.

Bowen-Reid, T. L. and Harrell, J. P. (2002). Racism and Health Outcome: An Examination of Spirituality as a Buffer. *The Journal of Black Psychology*, 28(1), 18-36.

Bowen, T. L. (1999). *The Impact of Racism, Cultural Orientation and Cognitive Appraisal on Exaggerated Cardiovascular Responses and Self-Reported Health Symptoms in African American College Students*. UMI Dissertation Abstracts: Ann Arbor, MI.

Morgan State University Faculty Research Profiles

Leon Bridges
Assistant Professor – School of Architecture & Environmental Design

MSU Campus
Office: CBEIS, Room 212
Phone: 443-885-1863
E-mail: leon.bridges@morgan.edu



Education:

BArch, University of Washington
MBA, Loyola College of Maryland

Research Interests:

Advancement and Tracking of Graduating African American Students in Architecture & Planning and Recipients of Academic Scholarship awards.

Acknowledgements:

Holder of every national office, including president, 1981, National Organization of Minority Architects (NOMA)
Elected to council of elders, NOMAC, 1990
Elected national vice president, American Institute of Architects (AIA) 1986
Installed into College of Fellows, AIA, 1986
Received Whitney Young, Jr. Award (2nd highest national award by AIA), 1996
Received 1st National Award for Urban & Community Design Excellence by an African American Architect, AIA/FwHA, 1971
Received more than 20 national and local Awards for Design Excellence

Morgan State University Faculty Research Profiles

Lawrence Brown
Assistant Professor – Department of Health Policy & Management

MSU Campus
Office: Portage, Room 209
Phone: 443-885-4015
E-mail: lawrence.brown@morgan.edu



Education:

2010-2012 Postdoctoral Research Fellow, W.K. Kellogg Health Scholars Program, Morgan State University School of Community Health and Policy, Baltimore, MD
Area of specialization: Community-based Participatory Research

2006-2010 PhD, Health Outcomes and Policy Research, University of Tennessee Health Science Center, Memphis, TN
Dissertation: The Multilevel, Multicultural, and Multi-temporal Ecosocial Framework of Population Health: How Neighborhoods, Culture, and History Impact Health Outcomes and Produce Health Disparities

2004-2006 MA, Public Administration, University of Houston, Houston, TX
Master's Thesis: Neighborhood Revitalization and the South Post Oak Action Network

1997-2001 BA, African American Studies, Morehouse College, Atlanta, GA

Research Interests:

The intersection of masculinity, racism, and health, the impact of residential displacement and financial disinvestment on community health, and understanding ethics and economic development in the domain of global health

Research and Translational Activities:

Morgan State University Faculty Research Profiles

- 2015-present **Project Director**, #BmoreLEADfree, Morgan State University, Baltimore, MD
- Guided students in the *Community Needs and Solutions* courses in an unfunded partnership with the Environmental Protection Agency to create a lead poison awareness and outreach campaign.
 - Convened local, state, and federal partners to create an intergovernmental action working group to address the lead poison crisis in Baltimore City
- 2015-present **Primary Investigator**, The #BaltimoreUprising Community Healing Research Project, Morgan State University, Baltimore, MD
- Developed the concept along with Morgan State students to examine the levels of PTSD in the Sandtown-Winchester and Greater Mondawmin communities
 - Implemented the research project in partnership with nursing Professor Pauline Aquil-Preston and her nursing students during Summer 2015
- 2013-2014 **Project Director**, National Minority Male Health Project, Morgan State University, Baltimore, MD
- Guiding the men's health initiatives including *You're the Quarterback: Gameplan for Life* & the Morgan State Men's Stress Management Survey
 - Facilitating the partnerships with community organizations (including G.R.O.U.P. Ministries, Union Baptist Head Start, and the Upton Planning Committee) for grantwriting and securing increased funding

Recent and Selected Publications:

Thorpe, Jr., RJ, Griffith D, Bruce M, **Brown L.T.** 2016. Addressing Racism's Effects on African American Males from the Womb to Classroom, In N. Finigan-Carr (Ed.) *Linking Health and Education for African American Students' Success*. New York: Routledge (in press).

Brown L.T., Bachelder A., Bryan I.V. and Sherrell A., Gomez M.B. 2016. The Rise of Anchor Institutions and the Threat to Community Health: Protecting Community Wealth, Building Community Power. *Kalfou: A Journal of Comparative and Relational Ethnic Studies*. 3(1): 79-100.

Pratt-Harris N.C., Sinclair M.M., Williams N.R., Bragg C., Ture K., Smith B.D., Marshall I., **Brown L.T.** 2016. Police Involved Homicide of Unarmed Black Males: Reflections of Black Scholars in the Midst of the April 2015 Baltimore Uprising. *Journal of Human Behavior in the Social Environment*.

Brown L.T. 2015. Collective Punishment Reveals White Supremacist Theology. *The Journal of Southern Religion*. Volume 17. Link:<http://jsreligion.org/issues/vol17/Brown.html>.

Brown L.T. 2015. Down to the Wire: Displacement and Disinvestment in Baltimore City. In: *The 2015 State of Black Baltimore: Still Separate, Still Unequal*. Greater Baltimore Urban League.

Louissaint N., **Brown L.T.** 2015. Black Baltimore and Blue Babies: Digging Deeper into the Social Determinants of Health and Transforming Clinical Trials. In: *The 2015 State of Black Baltimore: Still Separate, Still Unequal*. Greater Baltimore Urban League.

Morgan State University Faculty Research Profiles

White-Means S.I., Hufstader M., Dong Z., **Brown L.T.** 2009. Cultural Competency, Race and Skintone Bias Among Pharmacy, Nursing, and Medical Students: Implications for Addressing Health Disparities. *Medical Care Research and Review*. 66(4), 436-455

Morgan State University Faculty Research Profiles

Maxim Bushuev
Assistant Professor – Department of Information Science & Systems

MSU Campus
Office: GSBM, Room 534
Phone: 443-885-4876
E-mail: maxim.bushuev@morgan.edu



Education:

Ph.D. in Operations Management from Kent State University
MBA from Chadron State College
Ph.D. in Technical Sciences and B.S. in Automation Engineering from Voronezh State Technological Academy (Russia)

Research Interests:

Supply chain delivery performance where costs associated with delivery process within supply chain are analyzed from a supplier's and a buyer's perspectives; production planning including aggregate production planning models with financial elements and multiple objective functions

Recent and Selected Publications:

Brown, J. R., Bushuev, M. A., Kretinin, A. A. and Guiffrida, A. L. Recent Developments in Green Supply Chain Management: Sourcing and Logistics. Green Supply Chain Management for Sustainable Business Practice, M. Khan, M. Hussain, and M. Ajmal (Eds.), IGI Global Publishing (forthcoming).
Bushuev M.A., Guiffrida A.L., Jaber M.Y., Khan M. (2015). A review of inventory lot sizing review papers. Management Research Review, 38(3), 283-298.
Bushuev, M. (2014). Convex optimization for aggregate production planning. International Journal of Production Research, 52 (4), 1050-1058.
Bushuev M.A., Guiffrida A.L. (2012). Optimal position of supply chain delivery window: Concepts and general conditions. International Journal of Production Economics, 137, 226-234.
Bushuev M.A. (2006). Developing the budget planning algorithm for a group of companies. Control Systems and Information Technologies: Scientific and Technical Journal, 2.1 (24), 127-131 (in Russian)

Morgan State University Faculty Research Profiles

Jason Charalambides **Assistant Professor – School of Architecture**

MSU Campus
Office: CBEIS, Room 213
Phone: 443-885-3552

E-mail: jason.charalambides@morgan.edu



Education:

B.A., University of California at Berkeley
Certificat d'Etudes Approfondies en Architecture - Ecole d'Architecture Paris-Villemin
M.A., Ecole d'Architecture Marseille-Luminy/Ecole Superieure de Commerce Marseille-Provence
M.Arch. and Ph.D., University of Texas at Austin

Research Interests:

Tensegrity Structures, Concrete Design, Steel Design, Statics and Strength of Materials, Computer and Numerical Methods for the Built Environment Professionals, Building Technology and Solar Energy Controls, Building Materials and Methods, and Real Estate Project Management.

Recent and Selected Publications:

Joseph Wright , Jason Charalambides, "The Effect of Adding Polyacrylamide (PAAm) Crystals to the Strength Characteristics of Concrete." 2014 International Concrete Sustainability Conference, Boston, May 12-15, 2014.

Jason Charalambides, Joseph Wright. (2013). "Effect of Early Solar Energy Gain According to Building Size, Building Openings, Aspect Ratio, Solar Azimuth and Latitude." Journal of Architectural Engineering, ASCE, Special Issue: Emerging Trends of Sustainable Engineering, Design, and Construction, Vol 19, No. 3, pp: 209-216

Schmidley, H, Steinbrecher, D, Ryan, P, Charalambides, J: " Incorporating Peanut Hull Fibers within Concrete for Strength Gain" 2012 Construction Institute Summit/ ASCE Texas Section Fall 2012 Conference, Nov. 2012.

Morgan State University Faculty Research Profiles

Jason E. Charalambides: "Developing a computer assisted multi-disciplinary decision making platform," Structural Engineering Institute (SEI) 2008 Structures Congress, Vancouver, Canada, April 24-26, 2008.

Jason E. Charalambides, Katherine A. Liapi: "Implementation of a computer algorithm for an interactive 3D CAD generation of tensegrity structures", 22nd International Symposium on Automation and Robotics in Construction ISARC 2005 - September 11-14, 2005, Ferrara (Italy).

Morgan State University Faculty Research Profiles

Charlene Chester
Assistant Professor – Developmental Psychology

MSU Campus
Office: Jenkins, Room 417
Phone: 443-885-3823
E-mail: charlene.chester@morgan.edu



Education:

Ph.D. Developmental Psychology, The Pennsylvania State University
M.A. Clinical Psychology, University of North Carolina at Chapel Hill
B.S. Psychology, Morgan State University

Research Interests:

Adoption; parent socialization, family development, cultural socialization

Recent and Selected Publications:

Chester, C. E. & Blandon, A.Y. (2016). Dual trajectories of maternal parenting stress and marital intimacy during toddlerhood. *Personal Relationships*, 23(2), 265-279.

Webster, N., Ganpat, W., Chester, C.E. (2013). Towards a model of promoting youth development in the Caribbean through agriculture investment. *Vulnerable Children and Youth Studies: An International Interdisciplinary Journal for Research, Policy and Care*, 9, 1-9.

Morgan State University Faculty Research Profiles

Johanna Cottman
Assistant Director of Field Education Department, School of Social Work

MSU Campus
Office: Jenkins, Room 333
Phone: 443-885-3784
E-mail: johanna.cottman@morgan.edu



Education:

MSW, Howard University

Research Interests:

Cultural Competence; Mental Health in the African American Community; Families & Children; Obesity in the African American Community

Morgan State University Faculty Research Profiles

Linda Darrell
Assistant Professor – Masters in Social Work Department

MSU Campus
Office: Jenkins, Room 343
Phone: 443-885-4129
E-mail: linda.darrell@morgan.edu



Education:

MSW, Virginia Commonwealth University
PhD, Smith College School of Social Work
End of Life Care Specialist: Smith College School of Social Work

Research Interests:

Cultural Competence in Urban Centers; Mental Health in the African American Community; Complicated Grief in the Urban Environment; Obesity in the African American Community; Health Disparities within the African American Community

Recent and Selected Publications:

Darrell, L. (2016). *Live Your Dreams*. Share Grace. <http://nacsw.org/2016/live-you-dreams/>

Darrell, L. (2015) *Faith that God Cares: The Experience of Spirituality with African American Hemodialysis Patients*. Social Work and Christianity

Darrell, L. *End of Life Care Issues*. On-Line Encyclopedia of Social Work, 2015

Darrell, L., Littlefield, M., & Washington, E. M. (2016) *Safe Spaces, Nurturing Places*. *Journal of Social Work Education*, 52(1), 43-49. <http://dx.doi.org.1080/10437797.2016.1119016>

Morgan State University Faculty Research Profiles

Strigo TS, Ephraim PL, Pounds I, Hill-Briggs F, Darrell L, Ellis M, Sudan D, Rabb H, Segev D, Wang NY, Kaiser M, Falkovic M, Lebov JF, Boulware LE. The TALKS study to improve communication, logistical, and financial barriers to live donor kidney transplantation in African Americans: protocol of a randomized clinical trial. *BMC Nephrol.* 2015 Oct 9;16:160. doi: 10.1186/s12882-015-0153-y. PubMed PMID: 26452366; PubMed Central PMCID: PMC4600221.

DePasquale N, Hill-Briggs F, Darrell L, Boyér LL, Ephraim P, Boulware LE. Feasibility and acceptability of the TALK social worker intervention to improve live kidney transplantation. *Health Soc Work.* 2012 Nov;37(4):234-49. PubMed PMID: 23301437; PubMed Central PMCID: PMC3954101.

Wenzel J, Jones RA, Klimmek R, Krumm S, Darrell LP, Song D, Stearns V, Ford JG. Cancer support and resource needs among African American older adults. *Clin J Oncol Nurs.* 2012 Aug;16(4):372-7. doi: 10.1188/12.CJON.372-377. PubMed PMID: 22842688; PubMed Central PMCID: PMC4659371.

Morgan State University Faculty Research Profiles

Richard Dean
Adjunct Professor – Electrical & Computer Engineering Department

MSU Campus
Office: S, Room 310
Phone: 443-885-4746
E-mail: richard.dean@morgan.edu



Education:

PhD Electrical Engineering, Oklahoma St U, Stillwater OK 1990
MS Electrical Engineering, U of MD, College Park, MD 1969
BS Electrical Engineering, Manhattan College, Bronx, NY 1966

Research Interests:

Network Security (Developing live test bed network capabilities for cyber attack, Intrusion Detection, Attack visualization, and Forensics; Use of the Hidden Markov Model as a means of identifying cyber attack in an operational environment with management of Type I and Type II errors; Development and simulation of Distributed Denial of Service attacks and defenses; Modeling Risk in a complex network environment as part of Risk Management); Cryptography (Key Management architectures for various applications); Cloud Security (Incorporation of high assurance features into the cloud; Security issues in cloud to cloud operation)

Recent and Selected Publications:

Modeling Cyber Risks in Telemetry Networks ITC 2015 , N Shourabi, R Dean, F Moazzami

Telemetry Network Security Architecture ITC 2014, D Moten, S Jambureskan, R Dean, F Moazzami

Packet Simulation of Distributed Denial of Service (DDOS) Attack and Recovery ITC 2013, S Khanal, C Lynton, R Dean, F Moazzami

Telemetry Network Intrusion Detection Test Bed, ITC 2013 D Moten, F Moazzami R Dean

Telemetry Network Intrusion Detection System, ITC 2012, N Maharjan P Moazzemi, R Dean

Morgan State University Faculty Research Profiles

Secure IP Multicasting With Encryption Key Management, ITC2011, Oct 2011 N Maharjan, D Moten, R Dean

Secure Telemetry: Attacks And Counter Measures On Inet, ITC2011, Oct 2011 A Odesanmi, D Moten, R Dean

Proposed Inet Network Security Architecture, ITC2009, Oct 2009, Dukes, R Dean

Traceable Enterprise Information Security Architecture Methodology, ITC2009, OCT 2009, C. Brown-Moorer, R Dean

Morgan State University Faculty Research Profiles

Jeremiah Dibua
Professor – Department of History & Geography

MSU Campus
Office: Holmes Hall, Room 326-B
Phone: 443-885-1400
E-mail: jeremiah.dibua@morgan.edu



Education:

Ph.D. History - Univ. of Benin
M.A. History - Univ. of Ibadan
B.A. History - Univ. of Ibadan

Research Interests:

Modern Africa; African-Diaspora; African development and public policy

Recent and Selected Publications:

Development and Diffusionism: Looking Beyond Napatrimonialism in Nigeria, 1962-1985 (Palgrave Macmillan, 2013).

"Africanists, Neo-Weberism and the Pervasive Eurocentrism in the Analysis of African Development Trajectory," in *History Unlimited: Essays in Honour of Professor Abednego Ekoko*, ed. L.E. Otoide (Mindex Publishing Co., 2012), 305-24.

"Ethnic Citizenship, Federal Character and Inter-Group Relations in Post-Colonial Nigeria," *Journal of the Historical Society of Nigeria* 20 (2011): 1-25.

"Civil Rights Movement," "Eurocentrism," "Mali Empire," and "State," in *The Oxford Encyclopedia of African Thought*, eds. F.A. Irele and B. Jeyifo, 2 vols. (Oxford, 2010), I.240-45; I.363-65; II.94-96; II.357-59.

Modernization and the Crisis of Development in Africa: the Nigerian Experience (Ashgate Publishers, 2006).

"Citizenship and Resource Control in Nigeria: the Case of the Minority Communities in the Niger Delta," *Afrika Spectrum* 39:1 (2005): 5-28.

"Nigeria: Conferences, Commissions and the Nigerian Constitution, 1956-60" (pp. 1107-9); "Nigeria: Murtala Muhammed, Obasanjo and Return to Civilian Rule, 1975-79 (pp. 1115-17); "Nigeria: Second

Morgan State University Faculty Research Profiles

Republic, 1979-83" (pp. 1117-18); "Nigeria: from Opposition in the 1990s to the Fourth Republic" (pp. 1123-25); and "World Bank, IMF and Structural Adjustment" (pp. 1664-66); in *Encyclopedia of African History*, Vol. 2, ed. K. Shillington (New York, 2005).

"Conflict over Control of Natural Resources in Nigeria: the Case of the Oil-Producing Niger Delta Communities of the South-South States, 1990-2004," *Lagos Historical Review* 4 (2004): 142-72.

"Students and the Struggle against Authoritarianism in University Governance in Nigeria," in *African Universities in the Twenty-First Century*, eds. T. Zeleza and A. Olukoshi (Dakar, 2004), 459-79.

"Collapse of Purpose: Ibrahim Babangida, 1985-1993," in *Troubled Journey: Nigeria since the Civil War*, eds. L.A. Nwachuku and G.N. Uzoigwe (Lanham, MD, 2004), 207-35.

Co-author (w/B. Ibhawoh), "Deconstructing Ujamaa: the Legacy of Julius Nyerere in the Quest for Social and Economic Development in Africa," *African Journal of Political Science* 8:1 (2003): 59-83.

"The Organization of African Unity and Conflict Resolution" (pp. 341-61); and "Economic Crisis and Structural Adjustment Programs" (pp. 509-29), in *Africa, vol. 5: Contemporary Africa*, ed. T. Falola (Durham, NC, 2003), 341-61.

"Agricultural Modernization, the Environment and Sustainable Production in Nigeria, 1970-85," *African Economic History* 30 (2002): 107-37.

"Pan-Africanism," in *Africa, vol. 4: the End of Colonial Rule*, ed. T. Falola (Durham, 2002), 29-48.

"Devaluation and Economic Crisis: a Political Economy Analysis," in *The Transformation of Nigeria*, ed. A.O. Oyebade (Trenton, 2002), 261-88.

Morgan State University Faculty Research Profiles

Francis Dube
Assistant Professor – Department of History & Geography

MSU Campus
Office: Holmes Hall, Room 326-D
Phone: 443-885-1790
E-mail: francis.dube@morgan.edu



Education:

Ph.D. in History - Univ. of Iowa
M.A. in History - Univ. of Iowa
B. A. in Economic History - Univ. of Zimbabwe

Research Interests:

Africa; history of medicine and public health; environmental history

Recent and Selected Publications:

Public Health as a Contested Space in the Mozambique-Zimbabwe Border Region, 1890-1980, (manuscript in progress).

“‘In the Border Regions of the Territory of Rhodesia, There Is the Greatest Scourge...’: The Border and East Coast Fever Control in Central Mozambique and Eastern Zimbabwe, 1901-1942,” *Journal of Southern African Studies* 41, 2 (2015): 219-235.

“Medicine without Borders: the American Board of Commissioners for Foreign Missions in central Mozambique and eastern Zimbabwe, 1893-1920s,” *OFO: Journal of Transatlantic Studies* 4, 2 (2014): 21-38.

“Public Health and Racial Segregation in South Africa: Mahatma (M. K) Gandhi Debates Colonial Authorities on Public Health Measures, 1896-1904. *Journal of the Historical Society of Nigeria* 21 (2012): 21-40.

Review of Eric Allina, *Slavery By Any Other Name: African Life under Company Rule in Colonial Mozambique* (Charlottesville, VA: UVA Press, 2012). *History: Reviews of New Books* 41, 2 (2013): 63-64.

Conference Presentations:

Morgan State University Faculty Research Profiles

“Colonial Medicine and Public Health in Southern Africa: The Laboratory Revolution, Hospitalization, and the African Response,” to be presented at the *59th Annual Meeting of the African Studies Association*, Panel: Political Histories of Medical Knowledge, Washington DC, December 1-3, 2016.

“Implications of border-making and border-crossing for the control of livestock diseases in colonial Southern Africa, 1890-1945,” to be presented at the *International Conference: “Circulations”: the (un)making of Southern Africa beyond and across borders*, Witwatersrand Institute for Social and Economic Research, Johannesburg, South Africa, November 3-4, 2016.

“Violence and Smallpox control in colonial Zimbabwe and Mozambique,” presented at the *57th Annual Meeting of the African Studies Association*, Panel: Histories of Health and Fertility, Indianapolis, Indiana, November 21, 2014.

“‘Immensely More Dangerous than Foot and Mouth Disease’: Cross-Border Movements of Cattle and East Coast Fever Control in Central Mozambique and Eastern Zimbabwe, 1901-1942,” presented at the *56th Annual Meeting of the African Studies Association*, Panel: Confined Mobilities: Colonial Histories of (Im)mobility & Confinement, Baltimore, Maryland, November 23, 2013.

“Public Health and Racial Segregation in South Africa: Mahatma (M.K.) Gandhi debates Colonial authorities on Public health measures, 1896-1904,” paper presented at the *2012 Missouri Conference on History*, Columbia, Missouri, March 29-30, 2012.

“Race, Polygamy, Public Health and ‘syphilitic natives’ as reservoirs of disease: Sexually Transmitted Diseases (STDs) and British attitudes toward African culture in Southern Rhodesia (Zimbabwe), 1923-1980,” paper presented at the *International Conference: Empire State of Mind: Articulations of British Culture in the Empire, 1707-1997*, Lingnan University, Hong Kong, May 25-27, 2011.

“The whole lot of them [Africans] are rotten with Syphilis”: European settler fears and Public Health in the Manica region of central Mozambique and eastern Zimbabwe,” paper presented at the *53rd Annual Meeting of the African Studies Association*, Panel: Health Identity and Identity Formation, San Francisco, California, CA, November 18-21, 2010.

“‘Alien natives will not be invited to enter the Reserves for the purpose of attending these [religious] meetings’: Independent African Churches, transnational migration and smallpox control in colonial Zimbabwe,” paper presented at the *Terrence Ranger Conference*, University of Illinois-Urbana Champaign, IL, October 13-15, 2010.

Morgan State University Faculty Research Profiles

Anthony Estreet
Professor – Master of Social Work Department

MSU Campus
Office: Jenkins, Room 422
Phone: 443-885-4305
E-mail: anthony.estreet@morgan.edu



Education:

MSW, Virginia Commonwealth University
PhD, Morgan State University

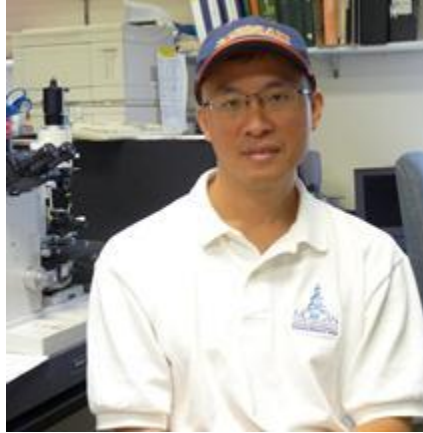
Research Interests:

Evidence-based substance abuse and mental health treatment with youth and adults; Substance use epidemiology; Clinical assessment and intervention research with youth and families; Social and behavioral determinants of health among African Americans; Culturally sensitive clinical interventions in behavioral health

Morgan State University Faculty Research Profiles

Chunlei Fan Associate Professor – Biology Department

MSU Campus
Office: Key Hall, Room 166
Phone: 443-885-4468
E-mail: chunlei.fan@morgan.edu



Education:

University of Maryland at College Park Ph.D in Environmental Sciences 04/02
Institute of Oceanography, Chinese Academy of Sciences MS in Oceanography 7/94
University of Maryland Eastern Shore MS in Computer Sciences 7/01
Shandong University Bachelor of Science in Environmental Sciences 7/91

Research Interests:

Aquatic microbial ecology and biogeochemistry in marine and estuarine environments; Quantitative coastal ecology: monitoring and characterization of coastal ecological processes using GIS/remote sensing and acoustic technology.

Recent and Selected Publications:

- Hongsheng Bi, Z. Guo, M. Benfield, C. Fan, M. Ford, S. Shahrestani, J. Sieracki (2015). A semi-automated image analysis procedure for *in situ* plankton imaging systems. PLOS one, 10(5)
- Fan, C and R. Warner. (2014). Characterization of Water Reflectance Spectra Variability: Implications for Hyperspectral Remote Sensing in Estuarine Waters. Marine Science (4)1, pp 1-9
- Fan, C. and R. Warner (2013). Multi-variants analysis of water reflectance spectra: implications on water quality monitoring by hyperspectral remote sensing. International Journal of Environmental Science and Development, Vol. 4, No. 2, pp 94-98.
- Fan, C., A. Wilbon, and M. Reiter. (2008). An ecological conceptual model for Monie Bay NERR Site: a case study on watershed ecosystem management. J. Environ. Monit. Restor. 6:1-10.
- Fan, C., Glibert, P.M. (2005) the effects of light on nitrogen and carbon uptake in two natural dinoflagellate blooms. Harmful Algae 4, 629-641.

Morgan State University Faculty Research Profiles

Fan, C., Glibert, P.M. Lomas, M.W., (2003) Characterization of urease activity in three marine phytoplankton species. *Marine Biology*. 142, 949-958.

Morgan State University Faculty Research Profiles

Mary Ann Fay
Associate Professor – Department of History & Geography

MSU Campus
Office: Holmes Hall, Room 322
Phone: 443-885-1784
E-mail: mary.fay@morgan.edu



Education:

PhD. History, Georgetown University with distinction, Major in History of the Middle East with a special interest in women's history

Research Interests:

Social and Cultural History of the Middle East; 18th and 19th-century Egypt; women and gender; the Modern Gulf

Recent and Selected Publications:

Unveiling the Harem: Elite Women and the Paradox of Seclusion in Eighteenth-Century Cairo in 2013 and Best First Book Award from Phi Alpha Theta and the Honorable Mention Award from the Journal of Middle East Women's Studies

Morgan State University Faculty Research Profiles

Mary Foster
Associate Professor – Department of Business Administration
Earl G. Graves School of Business and Management

MSU Campus
Office: School of Business and Management, Room648
Phone: 443-885-1691
Cell : 443-310-5116
E-mail: mary.foster@morgan.edu



Education:

- PhD Morgan State University, Earl G. Graves School of Business & Management, 2010, management
- MBA University of Pennsylvania, The Wharton School, 1986, finance and marketing
- MS Johns Hopkins University, 1978, planning
- BS University of Maryland, 1976, recreation planning

Research Interests:

Team and organizational effectiveness in education, health care, and innovation settings

Recent and Selected Publications:

- Adeyinka, O., & Foster, M. K. (2017). Getting back on track: Change management at AfrobitLink Ltd. *The CASE Journal*, 13(1), 120-151. doi:<http://dx.doi.org/10.1108/TCJ-08-2015-0042>
- Foster, M. K. (2016). Making a tough personnel decision at Nova Waterfront Hotel. *The CASE Journal*, 12(1), 27-48. doi:10.1108/TCJ-06-2015-0014
- Foster, M. K., Abbey, A., Callow, M. A., Zu, X., & Wilbon, A. D. (2015). Rethinking virtuality and its impact on teams. *Small Group Research*, 46(3), 267-299. doi:10.1177/1046496415573795
- Foster, M. K. (2014). Data collection for team research: Assessing the impact of virtuality on team effectiveness. *SAGE Research Methods Cases*. London, UK: SAGE Publications.
- Taplin, S., Foster, M. K., & Shortell, S. M. (2013). Organizational leadership for building effective health care teams. *Annals of Family Medicine*, 11(3). doi:10.1370/afm.1506
- Ibrahim, S., Makkawi, B., Schick, A., & Foster, M. (2013). Class selection preferences of African-American Millennial business school students: A study of student characteristics. *Global Perspectives on Accounting Education*, 10, 103-121.
- Taplin, S. H., Price, R. A., Edwards, H. M., Foster, M. K., Breslau, E. S., Chollette, V., . . . Zapka, J. (2012). Understanding and influencing multilevel factors across the cancer care continuum. *Journal of the National Cancer Institute Monograph*, 44, 2-10.
- Foster, M. K., & Taylor, V. F. (2012). Organizational culture-diagnosis and feedback. In D. L. Anderson (Ed.), *Cases and exercises in organization development and change* (pp. 93-103). Thousand Oaks, CA: Sage Publications.
- Clauser, S. B., Taplin, S. H., Foster, M. K., Fagan, P., & Kaluzny, A. D. (2012). Multilevel intervention research: Lessons learned and pathways forward. *Journal of the National Cancer Institute*

Morgan State University Faculty Research Profiles

Monograph, 44, 127-133.

Charns, M. P., Foster, M. K., Alligood, E. C., Benzer, J. K., Burgess, J. F., Li, D., . . . Clauser, S. B. (2012). Multilevel interventions: Measurement and measures. *Journal of the National Cancer Institute Monograph, 44, 67-77.*

Foster, M. K. (2009). From micro to meso: Overuse of strengths-A framework for assessing and improving organization effectiveness. *Journal of North American Management Society, 4(1), 18-29.*

Morgan State University Faculty Research Profiles

Mohammad Gharipour
Associate Professor – School of Architecture

MSU Campus
Office: CBEIS, Room 217
Phone: 443-885-3910

E-mail: mohammad.gharipour@morgan.edu



Education:

M.Arch., University of Tehran
Ph.D., Georgia Institute of Technology

Research Interests:

Islamic Architecture and Urban Design, Garden and Landscape History, Healing Environments

Publications:

Director and Founding Editor, *International Journal of Islamic Architecture* (launched in January 2012)

Editor, *Urban Landscapes of the Middle East* (Routledge, 2016)

Editor, *Historiography of Persian Architecture* (Taylor and Francis, 2015)

Co-editor and author, *The City in the Muslim World: Depictions by Western Travelers* (Routledge, 2014)

Editor and author, *Sacred Precincts: The Religious Architecture of Non-Muslim Communities across the Islamic World* (Brill, 2014)

Co-editor, *Calligraphy and Architecture in the Muslim World* (Edinburgh University Press, 2013)

Morgan State University Faculty Research Profiles

Author, *Persian Gardens and Pavilions: Reflections in Poetry, Arts and History* (I.B. Tauris, 2013)

Author and editor, *Bazaar in the Islamic City* (American University of Cairo Press, 2012)

Morgan State University Faculty Research Profiles

R. Trent Haines
Associate Professor – Educational Psychology
Lead Evaluator, ASCEND Center for Biomedical Research

MSU Campus
Office: Jenkins, Room 414
Phone: 443-885-3291
E-mail: trent.haines@morgan.edu



Education:

Ph.D. Educational Psychology, University of Kentucky
M.P.A. Public Administration, Eastern Kentucky University
B.A. Sociology, Asbury University

Research Interests:

Educational psychology, Rasch measurement models, structural equation models, statistics, culturally-responsive measurement

Recent and Selected Publications:

Haines, R.T., Jackson, A., and Thomas, E. (2015). Evaluating the Orbach Mikulincer Mental Pain Scale among Late Adolescent and Early Adult African Americans: A Rasch Analysis. *Issues in Mental Health Nursing*, 36, 761-772.

Beersingh, Y. E., Perrino, C. S., and **Haines, R. T.** (2013). Predictors of Success in a STEM Gateway Mathematics Course for HBI Summer Bridge Students. *Higher Education in Review*, 10, [online].

Morgan State University Faculty Research Profiles

Haines, R.T. & Mueller, C.E. (2013). Academic achievement: An adolescent perspective. In J. Hattie & E. M. Anderman (Eds.). *International Handbook of Student Achievement*, New York: Routledge.

Mueller, C.E. & **Haines, R.T.** (2012). Adolescent perceptions of family connectedness and school belonging: Links with self-concept and depressive symptoms among gifted African American and Hispanic youth. *Gifted Children*, 5(2).

Theall, K.P., Lancaster, B.P., Lynch, S., **Haines, R.T.**, Scribner, S., Scribner, R., & Kishore, V. (2011). The neighborhood alcohol environment and at-risk drinking among African Americans. *Alcoholism: Clinical and Experimental Research*, 35(5), 996-1003.

Haines, R.T. (2009). Lev Semenovich Vygotsky. In E.M. Anderman & L.H. Anderman (Eds.). *Psychology of Classroom Learning: An Encyclopedia*, Detroit: Macmillan Reference USA.

Lumpp, J.K., Bradley, K.D. & **Haines, R.T.** (2007). Kentucky Electronics Education Project (KEEP): Putting Professional Development into Practice. *Special Issue: Trends in Pre-college Engineering and Technology Education, International Journal of Engineering Education*, 23(5), 910-915.

Tyler, K.M., **Haines, R.T.** & Anderman, E.M. (2006). Culture, motivation, and achievement in American minority students. In D. M. McInerney, S. Van Etten & M. Dowson (Eds.), *Research on sociocultural influences on motivation and learning, Volume 6: Effective Schooling*. Greenwich, CT: Information Age Press.

Morgan State University Faculty Research Profiles

Gregory Haynes
Lecturer – Chemistry Department

MSU Campus
Office: Spencer Hall, Room 212
Phone: 443-885-1662
E-mail: gregory.haynes@morgan.edu



Education:

B.S. in Chemistry, Morgan State University
B. S. in Biochemistry, University of Maryland at College Park
B. S. in Electrical Engineering, University of MD at College Park
M.S. in Chemistry, Washington State University

Research Interests:

Bioinorganic Chemistry, Chemical Genetics, Electrons (Fermions and Bosons), Kinetics and Thermodynamic, Mathematics, Solar Research, Spectroscopy

Recent and Selected Publications:

Internet Teaching Methods Across the Disciplines, DG Helmi, G Haynes, C Maun, The Journal of Applied Business Research, Volume 16, Number 4, Page 1, Winter 2000 and Journal of Applied Business Research (JABR) 16 (4) (2011).
Ullmann Coupling of Aryl Halides for Making HTL/ETL Light-Emitting Diodes, GK Haynes, ACS MARM2001
Effects of Anisotropy on the Chemical Shift of Vinyl Protons in Trans- and Cis-1,2-Dibenzoylthylenes: A Small-Group or Recitation Activity, Journal of Chemical Education, Volume 79, Number 1, Page 68, January 2002.
Diels-Alder Cycloadditions: A MORE Experiment in the Organic Laboratory Including A Diene Identification Exercise Involving NMR Spectroscopy and Molecular Modeling, Journal of Chemical Education, maybe April 2005

Morgan State University Faculty Research Profiles

Synthesis, Characterization, and Fluorescence and Cytotoxicity Studies of a Tetra-rhenium Molecular Rectangle; DK Orsa, GK Haynes, SK Pramanik, MO Iwunze, GE Greco, JA Krause, ... Inorganic Chemistry Communications 10 (2007) 821-824

The one-pot synthesis and the fluorescence and cytotoxicity studies of chlorotricarbonyl(α -diimine)rhenium(I), fac-(CO)₃(α -diimine)ReCl, complexes; Inorganic Chemistry Communications 11 (2008) 1054-1056

INOR 188-Synthesis and fluorescence and cytotoxicity studies of rhenium (tricarbonyl) diimine complexes, SK Pramanik, DA Hill, DK Orsa, TS Taylor, GK Haynes, MO Iwunze, ..., ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY 235 (2008)

Michael K. Mbagu, Divine N. Kebulu, Angela Winstead, Saroj K. Pramanik, Hirendra N. Banerjee, Maurice O. Iwunze, James M. Wachira, George E. Greco, Gregory K. Haynes, Amanda Sehmer, Fazlul H. Sarkar, Douglas M. Ho, Robert D. Pike, Santosh K. Mandal. Fac-tricarbonyl(pentylcarbonato)(α -diimine)rhenium complexes: One-pot synthesis, characterization, fluorescence studies, and cytotoxic activity against human MDA-MB-231 breast, CCI-227 colon and BxPC-3 pancreatic carcinoma cell lines. Inorganic Chemistry Communications. 2012, 21, 35-38

Molecular Modeling of the Competing N2 and N7 Nucleophilic Attacks of Guanine on BP Diol Epoxide, A Metabolized Product of Environmental Benzo[A]pyrene, RS Monique Wallace, Gregory Haynes, 21st Annual Research Symposium 2014

Morgan State University Faculty Research Profiles

Monique Head
Associate Professor – Department of Civil Engineering

MSU Campus
Office: CBEIS, Room 209
Phone: 443-885-3295
E-mail: monique.head@morgan.edu



Education:

Ph.D. Civil (Structural) Engineering, Georgia Institute of Technology, 2007
M.S. Civil Engineering, University of Delaware, 2002
B.S. Civil Engineering, University of Delaware, 2000

Research Interests:

Experimental testing, detailed analytical modeling using state-of-the-art software to study the responses of bridges, structural dynamics, performance-based bridge design using fiber reinforced polymer (FRP) composite materials, and seismic retrofitting of bridges and buildings (earthquake engineering).

Recent and Selected Publications:

1. Shokouhian, M., Shi, Y., and **Head, M.**, 2016, "Interactive Buckling Failure Modes of Hybrid Steel Flexural Members," Elsevier, Engineering Structures, DOI: 10.1016/j.engstruct.2016.07.001.
2. Gar, S., Mander, J., **Head, M.**, and Hurlebaus, S. (2014). "FRP Slab Capacity Using Yield Line Theory," *J. Compos. Constr.*, 18(6).
3. *Pirayeh Gar, S., **Head, M.**, Hurlebaus, S., and Mander, J. (2014). "Experimental Performance of AFRP Concrete Bridge Deck Slab with Full-Depth Precast Prestressed Panels," *ASCE Journal of Bridge Engineering*, 19(4).
4. *Pirayeh Gar, S., **Head, M.**, and Hurlebaus, S. (2013). "Computational Modeling of the Flexural Performance of an AFRP Prestressed Girder with a Composite Bridge Deck," *ACI Structural Journal*, 110(6).

Morgan State University Faculty Research Profiles

Amber Hodges
Associate Professor – Biopsychology

MSU Campus
Office: Jenkins, Room 418
Phone: 443-885-4351
E-mail: amber.hodges@morgan.edu



Education:

Post Graduate Certificate - Academic Leadership. Chicago School of Professional Psychology

Ph.D. Biopsychology, Graduate School and University Center, CUNY

M.S. Psychology, Graduate School and University Center, CUNY

B.S. Psychology, Bennett College

Research Interests:

Undergraduate research training and development; mentoring; neuropharmacology

Recent and Selected Publications:

Krasnova, I.N., Hodges, A.B., Ladenheim, B., Rhoades, R., Phillip, C.G., Ceseña, A., Ivanova, E., Hohmann, C.F. and Cadet, J.L., Methamphetamine Treatment Causes Delayed Decrease In Novelty-Induced Locomotor Activity In Mice. *Neuroscience Research*, Jun 24, 2009. PMID:19559060

Cadet, J.L., McCoy, M.T., Cai, N.S., Krasnova, I.N., Ladenheim, B., Beauvais, G Wilson, N., Wood III, Becker, K.G., and Hodges, A.B. Methamphetamine preconditioning alters transcriptional responses to

Morgan State University Faculty Research Profiles

methamphetamine-induced injury in the rat ventral midbrain. *PloSOne* (Public Library of Science) 2009 Nov 12;4(11):e7812. PMID:19915665

Krasnova, I.N., Ladenheim, B., Hodges, A.B., Volkow, N.D., and Cadet, J.L. Chronic methamphetamine administration causes differential regulation of transcription factors in the midbrain. *PloSOne* (Public Library of Science). 2011 Apr 25;6(4):e19179. PMID:21547080

McCoy, M.T., Jayanthi, S., Wulu, J.A., Beauvais, G., Ladenheim, B., Martin, T., Krasnova, I.N., Hodges, A.B. and Cadet, J.L. Chronic methamphetamine exposure suppresses the striatal expression of members of multiple families of immediate early genes (IEGs) in the rat: normalization by an acute methamphetamine injection. *Psychopharmacology*. 2011 May;215(2):353-65. PMID: 21229349

Hodges, A.B., Ladenheim, B., McCoy, M.T., Beauvais, G., Cai, N.S., Krasnova, I.N., and Cadet, J.L. Long-term protective effects of methamphetamine preconditioning against single-day methamphetamine toxic challenges. *Current Neuropharmacology*. 2011 9 (1):35-39

Cadet JL, Brannock C, Ladenheim B, McCoy MT, Beauvais G, **Hodges AB**, Lehrmann E, Wood WH 3rd, Becker KG, Krasnova IN. Methamphetamine preconditioning causes differential changes in striatal transcriptional responses to large doses of the drug. *Dose Response*. 2011;9(2):165-81. Epub 2010 Jul 2. PMID: 21731535

Hohmann CF, **Hodges A**, Beard N, Aneni J. [Effects of brief stress exposure during early postnatal development in Balb/CByJ mice: I. Behavioral characterization.](#) *Dev Psychobiol*. 2012 Apr 5. doi: 10.1002/dev.21027. [Epub ahead of print] PMID: 22488044

Hodges, A. B. and Wells, A.M. (2015). Developing STEM Scholars with Vision: Psychology Plants Seeds of Excellence. (1st Ed). *Diversity in Higher Education*. Bingley, United Kingdom. Emerald Group Publishing Limited

Morgan State University Faculty Research Profiles

Gloria Hoffman
Professor – Biology Department
Director, ASCEND, Institutional Development Core

MSU Campus
Office: Dixon, Room 222
Phone: 443-885-3394
E-mail: gloria.hoffman@morgan.edu



Education:

MS, PhD, Pharmacology, University of Illinois Medical School, Chicago
Postdoctoral Fellowship, Anatomy, University of Rochester

Research Interests:

Brain functional anatomy is applied to problems of reproduction, chronic sleep disruption, injury (multiple sclerosis, traumatic brain injury), mutations of the fragile X gene (ovarian problems, motor problems and autistic behavior), knockout of genes that determine puberty and reproductive function, pair-bonding and parental behavior, and neuropathology of Parkinson's Huntington's disease. An additional component is the development of new immunochemical techniques for localizing and measuring molecules in the brain and other organs.

Recent and Selected Publications:

Conca Dioguardi C, Uslu B, Haynes M, Kurus M, Gul M, Miao DQ, De Santis L, Ferrari M, Bellone S, Santin A, Giulivi C, Hoffman G, Usdin K, Johnson J. Granulosa cell and oocyte mitochondrial abnormalities in a mouse model of fragile X primary ovarian insufficiency. *Mol Hum Reprod.* 2016 Jun;22(6):384-96. doi:10.1093/molehr/gaw023. Epub 2016 Mar 9.

Yang S, Yang S, Moreira T, Hoffman G, Carlson GC, Bender KJ, Alger BE, Tang CM. Interlamellar CA1 network in the hippocampus. *Proc Natl Acad Sci U S A.* 2014 Sep 2;111(35):12919-24. doi: 10.1073/pnas.1405468111. Epub 2014 Aug 19.

Morgan State University Faculty Research Profiles

Ivell R, Teerds K, Hoffman GE. Proper application of antibodies for immunohistochemical detection: antibody crimes and how to prevent them. *Endocrinology*. 2014 Mar;155(3):676-87. doi: 10.1210/en.2013-1971. Epub 2014 Jan 15. Review.

Novaira HJ, Sonko ML, Hoffman G, Koo Y, Ko C, Wolfe A, Radovick S. Disrupted kisspeptin signaling in GnRH neurons leads to hypogonadotrophic hypogonadism. *Mol Endocrinol*. 2014 Feb;28(2):225-38. doi: 10.1210/me.2013-1319. Epub 2014 Jan 1.

Hermanstynne TO, Subedi K, Le WW, Hoffman GE, Meredith AL, Mong JA, Misonou H. Kv2.2: a novel molecular target to study the role of basal forebrain GABAergic neurons in the sleep-wake cycle. *Sleep*. 2013 Dec 1;36(12):1839-48. doi: 10.5665/sleep.3212.

Hoffman GE, Le WW, Entezam A, Otsuka N, Tong ZB, Nelson L, Flaws JA, McDonald JH, Jafar S, Usdin K. Ovarian abnormalities in a mouse model of fragile X primary ovarian insufficiency. *J Histochem Cytochem*. 2012 Jun;60(6):439-56. doi: 10.1369/0022155412441002. Epub 2012 Apr 2.

Bales KL, Boone E, Epperson P, Hoffman G, Carter CS. Are behavioral effects of early experience mediated by oxytocin? *Front Psychiatry*. 2011 May 9;2:24. doi: 10.3389/fpsy.2011.00024. eCollection 2011.

Qin M, Entezam A, Usdin K, Huang T, Liu ZH, Hoffman GE, Smith CB. A mouse model of the fragile X premutation: effects on behavior, dendrite morphology, and regional rates of cerebral protein synthesis. *Neurobiol Dis*. 2011 Apr;42(1):85-98. doi: 10.1016/j.nbd.2011.01.008. Epub 2011 Jan 8.

Wu S, Divall S, Hoffman GE, Le WW, Wagner KU, Wolfe A. Jak2 is necessary for neuroendocrine control of female reproduction. *J Neurosci*. 2011 Jan 5;31(1):184-92. doi: 10.1523/JNEUROSCI.2974-10.2011.

Szabó FK, Le WW, Snyder NS, Hoffman GE. Comparison of the temporal programs regulating tyrosine hydroxylase and enkephalin expressions in TIDA neurons of lactating rats following pup removal and then pup return. *J Mol Neurosci*. 2011 Oct;45(2):110-8. doi: 10.1007/s12031-010-9466-2. Epub 2010 Dec 2.

Hoffman GE, Le WW, Franceschini I, Caraty A, Advis JP. Expression of fos and in vivo median eminence release of LHRH identifies an active role for preoptic area kisspeptin neurons in synchronized surges of LH and LHRH in the ewe. *Endocrinology*. 2011 Jan;152(1):214-22. doi: 10.1210/en.2010-0066. Epub 2010 Nov 3.

Szabo FK, Snyder N, Usdin TB, Hoffman GE. A direct neuronal connection between the subparafascicular and ventrolateral arcuate nuclei in non-lactating female rats. Could this pathway play a role in the suckling-induced prolactin release? *Endocrine*. 2010 Feb;37(1):62-70. doi: 10.1007/s12020-009-9266-z. Epub 2009 Nov 5.

Morgan State University Faculty Research Profiles

Szawka RE, Ribeiro AB, Leite CM, Helena CV, Franci CR, Anderson GM, Hoffman GE, Anselmo-Franci JA. Kisspeptin regulates prolactin release through hypothalamic dopaminergic neurons. *Endocrinology*. 2010 Jul;151(7):3247-57. doi: 10.1210/en.2009-1414. Epub 2010 Apr 21.

Entezam A, Lokanga AR, Le W, Hoffman G, Usdin K. Potassium bromate, a potent DNA oxidizing agent, exacerbates germline repeat expansion in a fragile X premutation mouse model. *Hum Mutat*. 2010 May;31(5):611-6. doi:10.1002/humu.21237.

Amiridze N, Gullapalli R, Hoffman G, Darwish R. Experimental model of brainstem stroke in rabbits via endovascular occlusion of the basilar artery. *J Stroke Cerebrovasc Dis*. 2009 Jul-Aug;18(4):281-7. doi: 10.1016/j.jstrokecerebrovasdis.2008.11.013.

Carlson DE, Le W, Chiu WC, Hoffman GE. Messenger RNA for neuropeptide Y in the arcuate nucleus increases in parallel with plasma adrenocorticotropin during sepsis in the rat. *Neurosci Lett*. 2009 Mar 13;452(2):146-50. doi: 10.1016/j.neulet.2009.01.046. Epub 2009 Jan 21.

Tonelli LH, Katz M, Kovacsics CE, Gould TD, Joppy B, Hoshino A, Hoffman G, Komarow H, Postolache TT. Allergic rhinitis induces anxiety-like behavior and altered social interaction in rodents. *Brain Behav Immun*. 2009 Aug;23(6):784-93. doi: 10.1016/j.bbi.2009.02.017. Epub 2009 Mar 5.

Hoffman GE, Le WW, Sita LV. The importance of titrating antibodies for immunocytochemical methods. *Curr Protoc Neurosci*. 2008 Oct;Chapter 2:Unit 2.12. doi: 10.1002/0471142301.ns0212s45.

Koban M, Sita LV, Le WW, Hoffman GE. Sleep deprivation of rats: the hyperphagic response is real. *Sleep*. 2008 Jul;31(7):927-33.

Ahn ES, Robertson CL, Vereczki V, Hoffman GE, Fiskum G. Normoxic ventilator resuscitation following controlled cortical impact reduces peroxynitrite-mediated protein nitration in the hippocampus. *J Neurosurg*. 2008 Jan;108(1):124-31. doi: 10.3171/JNS/2008/108/01/0124.

Morgan State University Faculty Research Profiles

Christine Hohmann, Ph.D.
Professor of Biology
Director and P.I. MBRS RISE Program at Morgan State University
Director, ASCEND, Research Enrichment Core

MSU campus
Lab: Spencer Building 111
Office: Key Hall G51
Phone: 443-885-4002
e-mail: christine.hohmann@morgan.edu



Education:

1980-1985 Ph.D., Graduate Program in Neuroscience and Physiology,
Brown University, Providence, R.I.

1985-1989 Postdoctoral Fellowship, Division of Child Psychiatry, Department of Psychiatry, Johns
Hopkins University School of Medicine

Laboratory Research Interests

Our **Developmental Neuroscience** laboratory focuses on the ontogeny of cerebral cortex, within the context of mental health disorders. We conduct fundamental biomedical and bioenvironmental research, employing mouse models to study **brain-behavior relationships**, to investigate how developmental disruptions contribute to brain pathologies. Current interests in the lab include the effects of early life stress within the context of inflammatory brain responses, Depression and related mood disorders, which are both of considerable environmental health significance.

Dr. Hohmann has trained more than 50 undergraduate research students in her lab since joining Morgan in 1993. Many of these students have co-authored her publications over the years and the majority since completed advanced degrees and embarked on careers as researcher, medical professionals or science teachers.

Educational Research Interests

Morgan State University Faculty Research Profiles

As P.I. and director of the MBRS RISE Program at MSU, Dr. Hohmann has become involved in collaborative, interdisciplinary projects concerning the effects of the instructional environment on learner success. The MBRS RISE Program is currently supporting the redesign of several foundation and gatekeeper courses for Biology majors, using "scientific teaching" and learner centered approaches. Within the context of BUILD/ASEND, Dr. Hohmann and colleagues also examine the effects of a new entrepreneurial research training model on critical thinking skill development. Additional recent projects have included 1) a multi-institutional study to understand whether writing an undergraduate thesis improves critical thinking and writing skills through impacting metacognition, motivation, and/or beliefs (NSF TUES 2) and, in collaboration with the School of Architecture, to use neurobehavioral approaches to assess the effects of the build environment on student performance (Upjohn).

Recent and Selected Publications:

- indicates co-authorship by students/trainees in the lab

Hohmann, C.F. Cholinergic regulation of cortical development in: Handbook on Brain and Behavior in Human Development Ed. Gramsbergen, A. and Kalverboer, A.F., Springer Verlag, Berlin, Germany, Invited Chapter, 2001.

Hohmann, C.F. Acetylcholine serves as a morphogen in cortical development and plasticity *Neuroscience Biobehavioral Review*, 27 (4), 351-363, 2003.

Irina N. Krasnova, Amber B. *Hodges, Bruce Ladenheim, *Raina Rhoades, *Crystal G. Philip, Angela Cesena, Ekaterina Ivanova, Christine F. Hohmann and Jean Lud Cadet. (*Hohmann and Cadet share senior authorship*) Methamphetamine treatment causes delayed decrease in novelty-induced locomotor activity in mice. *Neuroscience Research*, 65 (2009) 160–165.

Christine F. Hohmann and Mary E. Blue. The Role of Serotonin in Cortical Development In: The Behavioral Neurobiology of Serotonin. Ed. Christian Mueller and Barry Jacobs, Elsevier, Invited Chapter, 2010.

Christine F. Hohmann, Carlos A. Pardo, *Michelle Ayorinde, Charlene *Monu-Azinge, Maria Braileanu, Karen S. Smith-Connor and Mary E. Blue. A role for serotonin in the modulation of cytokines in the CNS: Insights from a mouse model. In: Neuroinflammation: Pathogenesis, Mechanisms and Management, Ed. Gemma, Carmelina, Nova Science Publisher Inc. Invited Chapter, 2011.

Hohmann, C.F., *Beard, A., *Kari-Kari, P. and *Jarvis, N. and *Simmons Q. Effects of brief stress exposure during early postnatal development in Balb/CByJ mice: II. Altered cortical morphology. *Developmental Psychobiology*, (e-Pub ahead of print) 2012. PMID: 22488100.

Hohmann, C.F., *Hodges, A. *Beard, N. and *Aneni, J. Effects of brief stress exposure during early postnatal development in Balb/CByJ mice: I. Behavioral Characterization. *Developmental Psychobiology*, 2013 Apr;55(3):283-93. PMID: 22488100.

Andrew Campbell, Rachel Skvirsky, Henry Wortis, Sheila Thomas, Ichiro Kawachi, and Christine Hohmann. Views From The Trainees - Talking About What Matters in Efforts to Diversify the STEM Workforce, 2014 CBE Life Science Education, Vol.13, 587-592.
The Impact of Undergraduate Research in STEM at Morgan State University on the Production of Doctoral Degrees in Engineering and the Sciences. Jumoke Ladeji-Osias*, Christine Hohmann[&], Stella Hargett[@], Lisa Brown[&], Cleo Hughes-Darden[&], and Michel

Morgan State University Faculty Research Profiles

Reece* Departments of *Electrical Engineering, &Biology, @Sociology, Morgan State University, IN: Diversity in Higher Education; Vol 17; edited by Jeton McClinton et al; ISBN:978-1-78560-159-0D. 2015

Morgan State University Faculty Research Profiles

Bazle Hossain
Professor – Department of Public Health Analysis

MSU Campus
Office: Portage, Room 219
Phone: 443-885-4132
E-mail: mian.hossain@morgan.edu



Education:

2001 PhD, Social Statistics (2001)
University of Southampton, Southampton, England
Dissertation title: Assessment of Family Planning Outreach Workers' Contact and Contraceptive Use Dynamics in Rural Bangladesh using Multilevel Modeling

1998 MHS (Masters of Health Science), Population Dynamics
School of Public Health, Johns Hopkins University, Baltimore, Maryland

1988 MS (Masters of Science), Population Planning
School of Public Health, University of Michigan, Ann Arbor, Michigan

1980 MSc (Masters of Science) in Statistics
Chittagong University, Chittagong, Bangladesh

1978 BSc (Bachelor of Science) with honors in Statistics
Chittagong University, Chittagong, Bangladesh

Morgan State University Faculty Research Profiles

Research Interests:

Trust and HIV/AIDS vaccine trial; barriers for HIV testing; depression and campus sexual violence; ATOD use among adolescents and psychosocial well-being in young adulthood; perceived availability and risk and the use of ATOD; disaster preparedness; barriers to receiving family planning services for African American and Hispanic males

Recent and Selected Publications:

Jamie L. Mignano, MSN, MPH, RN, Yewande Sofolahan-Oladeinde, PhD, **Mian B. Hossain**, MS, MHS, PhD, Alexandra Reitz, BS, James H. Polivka, BA, Derek E. Spencer, MS, CRNP, Robert R. Redfield, MD. 2016. Preparing the Future: An interprofessional approach to prepare future health and service-delivery professionals to attain an AIDS-free generation. *Journal of Interprofessional Education & Practice*. Elsevier Inc. 2016.

Ifeyinwa E. Udo1, Phyllis Sharps, Yvonne Bronner, **Mian B. Hossain**. 2016. Maternal Intimate Partner Violence: Relationships with Language and Neurological Development of Infants and Toddlers. *Matern Child Health J* DOI 10.1007/s10995-016-1940-1. Springer 2016.

Shashwatee Bagchi1, Pankti Patel1, Rawan Faramand, Shana Burrowes, **Mian B. Hossain**, Shyamasundaran Kottilil, Michael Miller, Lori E. Fantry and Robert R. Redfield. 2015.

Underutilization of Statins for Prevention of Cardiovascular Disease among Primarily African-American HIV-Infected Patients. *J AIDS Clin Res* 6: 499. doi:10.4172/2155-6113.1000499.

Abdallah Ibrahim, Anne Marie O’Keefe, Anita Hawkins, **Mian Bazle Hossain**. 2014. Levels and Determinants of Low Birth Weight in Infants Delivered Under the National Health Insurance Scheme in Northern Ghana. *Maternal Child Health J* DOI 10.1007/s10995-014-1628-3.

Mian Hossain, Saifuddin Ahmed, Laurencia Rogers. 2014. Does a Wife’s Education Influence Spousal Agreement on Approval of Family Planning? Random-effects Modeling Using Data from Two West African Countries. *Journal of Health Care for the Poor and Underserved*, Volume 25.2, May 2014, pp. 562-576.

Mian B. Hossain, Peter Memiah, Adeyemi Adeyinka. 2014. “Are Female College Students Who are Diagnosed with Depression at Greater Risk of Experiencing Sexual Violence on College Campus?” *Journal of Health Care for the Poor and Underserved*, Volume 25.3, August 2014, pp. 1341-1359.

Sherine R. Brown, **Mian Bazle Hossain**, Yvonne Bronner. 2014. “African American Male and Female Student Perceptions of Pulvers Body Images: Implications for Obesity, Health Care, and Prevention”. *Journal of Health Care for the Poor and Underserved*, Volume 25.3, August 2014, pp. 1328-1340.

David J. Riedel, Evelyn Ivy W. Mwangi, Lori E. Fantry, Carla Alexander, **Mian B. Hossain**, C. David Pauza, Robert R. Redfield and Bruce L. Gilliam. 2013. “High cancer-related mortality in an urban, predominantly African-American, HIV-infected population”. *AIDS* 2013, 27:1109-1117.

Francesco Marinucci, Mtebe Majigo, Matthew Wattleworth, Antonio Damiano Paterniti, **Mian Bazle Hossain** and Robert Redfield. 2013. “Factors affecting job satisfaction and retention of medical laboratory professionals in seven countries of Sub-Saharan Africa.” *Human Resources for Health* 2013, 11:38.

Peter Memiah, Constance Shumba, Martine Etienne-Mesubi, Solomon Agbor, **Mian B. Hossain**, Patience Komba, Mercy Niyang, and Sibhatu Biadgilign. 2013. The Effect of Depressive Symptoms and CD4 Count on Adherence to Highly Active Antiretroviral Therapy in Sub-

Morgan State University Faculty Research Profiles

Saharan Africa. *Journal of the International Association of Providers of AIDS Care (JIAPAC)* published online 10 October 2013 11

Sherine R. Brown; **Mian Bazle Hossain**; Ivis T. Forrester. (2013). Associations Between Cholesterol, Colon Cancer Screening, Behavior, and Diet. *Am J Health Behav.* 2013; 37(3):360-368.

Nūn Sava-Siva Amen-Ra, Eduardo Velasco-Mondragon, **Mian Bazle Hossain**, Yvonne Bronner (2012). Energy Expenditure Differs between Black and White Americans: Implications for Obesity Prevention Research. *Food and Nutrition Sciences*, 2012, 3, 914-924.

Maryam Keshtkar-Jahromi, Seyed-Mostafa Razavi, Sharareh Gholamin, Marzieh Keshtkar-Jahromi, **Mian Hossain**, Mohammad M. Sajadi. 2012. "Medical Versus Medical and Surgical Treatment for Brucella Endocarditis". *Ann Thorac Surg.* 2012; 94: 2141-2146.

Anthony Amoroso, Martine Etinne-Mesubi, Anthony Edozien, Sylvia Ojoo, Robert Sheneberger, Michael Obiefune, **Mian Bazle Hossain**, Kristen Stafford, Robert R Redfield. 2012. Treatment outcomes of recommended first-line antiretroviral regimens in resource-limited clinics. *J Acquir Immune Defic Syndr.* 2012 Jul 1;60 (3):314-20 22343178.

Tasha Peart, H. Eduardo Velasco-Mongrangron, Deborah Rohm-Youth, Yvonne Bronner, **Mian B. Hossain**. (2011). Weight Status in US Youth: The Role of Activity, Diet, and Sedentary Behaviors. *American Academy of Health Behavior*, 35(6): 756-766.

Jessica D. Gipson, **Mian Bazle Hossain**, and Michael A. Koenig. (2011) Measurement of and Trends in Unintended Birth in Bangladesh, 1983-2000. *Journal of Health, Population and Nutrition.* Oct 29(5).

Sajadi MM, Guan Y, Devico AL, Seaman MS, **Hossain M**, Lewis GK, Redfield RR. (2011) "Correlation between circulating HIV-1 RNA and broad HIV-1 neutralizing antibody activity." *May 1;57(1):9-15.*

M. Etienne, L. Burrows, B. Osotimehin, T. Macharia, **B. Hossain**, R. R. Redfield and A. Amoroso. (2010). "Situational analysis of varying models of adherence support and loss to follow up rates; findings from 27 treatment facilities in eight resource limited countries." *Tropical Medicine & International Health.* Volume 15. Issue s1, Pages 76-81.

Martine Etienne, MPH, DrPH, **Mian Hossain, PhD**, Robert Redfield, MD, Kristen Stafford, MPH, and Anthony Amoroso, MD. (2010). "Indicators of Adherence to Antiretroviral Therapy Treatment Among HIV/AIDS Patients in 5 African Countries". *Journal of the International Association of Physicians in AIDS Care (JIAPAC).* March-April 2010.

Williams, Emma K.; **Mian B. Hossain**; Ravendra K. Sharma; Vishwajeet Kumar; Chandra M. Pandey; and Abdullah H. Baqui. (2008). "Birth Interval and Risk of Stillbirth or Neonatal Death: Findings from Rural North India", *Journal of Tropical Pediatrics*, 54(5): 321-327.

Hossain, Mian Bazle; Phillips, J. F. and T. Legrand. (2007) "The Impact of Childhood Mortality on Fertility in Six Rural Thanas of Bangladesh". *Demography*, 44(4): 771-784.

Hossain, Mian Bazle; Phillips, J. F. and Mozumder, AB. (2007) "The effect of husbands' fertility preferences on couples' reproductive behaviour in rural Bangladesh." *Journal of Biosocial Science.* 39(5): 745-57, Oxford University Press.

Hossain, Mian Bazle; J. F. Phillips; and B. Pence. (2007) "Does Women's Status Affect Infant and Child Mortality? Evidence from Four Rural thanas of Bangladesh". *Journal of Biosocial Science.* 39, 355-366, Oxford University Press.

Bronner, Y. L.; A. S. Hawkins; M. L. Holt; **Mian B. Hossain**; R. H. Rowel; K. L. Sydnor; & S.P. Divers. (2006) "Models for Nutrition Education to Increase Consumption of Calcium and Dairy Products among African Americans". *The Journal of Nutrition.* 136:1103- 1106.

Becker, S.; **Mian B. Hossain** & E. Thomson (2006) "Disagreement in Spousal Reports of Current Contraceptive Use in Sub-Saharan Africa". *Journal of Biosocial Science*, 38, 779-796, Oxford University Press.

Morgan State University Faculty Research Profiles

Hossain, Mian Bazle (2005) "Analyzing the Relationship Between Family Planning Workers' Contact and Contraceptive Switching in Rural Bangladesh using Multilevel Modelling". *Journal of Biosocial Sciences*. September 2005. 37, 5: 529-554, Oxford University Press.

Hossain, Mian Bazle; Khuda, Barkat-e- and Phillips, J. F. (2004) "The Effects of Outreach on Perceived Quality of Care in Two Rural Areas of Bangladesh". *Journal of Biosocial Sciences*. September 2004. 36, 5: 507-522.

Koenig, M. A.; S. Ahmed; **Mian Bazle Hossain**; ABM K. A. Mozumder. (2003) "Women's Status and Domestic Violence in Rural Bangladesh: Individual- and Community- Level Effects" *Demography*, 40, 2:269-288.

Phillips, J.F. and **Mian Bazle Hossain**. (2003) "The Impact of Household Delivery of Family Planning Services on Women's Status in Bangladesh". *International Family Planning Perspectives*. 29, 3: 138-45.

Bronner, Y.; E. Harris; A. Tobby and **Mian Bazle Hossain**. (2000) "Historical Assessment of Nutrition Studies Using Only African American Study Subjects: Gender, Socio-economic Status, and Geographical Location". *Ethnicity and Disease*.

Morgan State University Faculty Research Profiles

Faridul Islam
Chairperson of Economics Department
Professor – Economics Department

MSU Campus
Office: Holmes Hall, Room 311 H
Phone: 443-885-3662
E-mail: faridul.islam@morgan.edu



Education:

PhD Economics, University of Illinois Urbana-Champaign, Illinois, USA
MS Economics, London School of Economics, London, England
Undergrad in Economics from Dhaka University, Dhaka Bangladesh

Research Interests:

Currency Crisis; International Trade; Development Economics; Applied Time Series; Economics of Labor, Immigration & Education; Environmental & Energy Economics; Corporate Finance; Monetary and Macroeconomics

Recent and Selected Publications:

“Skilled Immigration, Innovation and Wages of the Native-born American”, Industrial Relations, Forthcoming July, 2017

“Indo-US Bilateral Trade: An Empirical Analysis of India’s Trade Balance”, Indian Economic Journal, Vol 64.1, Forthcoming, June/ July, 2016

“Stocks as Hedge against Inflation in Pakistan: Evidence from ARDL Approach” Global Business Review (SAGE), Vol.18.1, Forthcoming (Jan-Feb, 2017)

"Analyzing Time-Frequency Relationship between Share Prices and Exchange Rates in India: Evidence from Continuous Wavelets", *Empirical Economics*, Springer, Vol. 48.2, 699-714, March DOI 10.1007/s00181-014-0800-3 (Online version March 2014).

Morgan State University Faculty Research Profiles

"The Long Run Impact of Immigration on Labor Market in an Advanced Economy: Evidence from US Data", *International Journal of Social Economics*, (Emerald), Vol. 42.4, 2015 42:4:356-367
DOI: <http://dx.doi.org/10.1108/IJSE-12-2013-0291>

"Inflation in Pakistan: Evidence from ARDL Bounds Testing Approach", *International Journal of Management Development (IJMD, Inderscience)* V.1.3, 181-195

"Analyzing Time-Frequency Relationship between Share Prices and Exchange Rates in India: Evidence from Continuous Wavelets", *Empirical Economics*, (Springer), DOI 10.1007/s00181-014-0800-3 (Online version March 2014)

"Environmental Kuznets Curve in Thailand: Cointegration and Causality Analysis", *Journal of Energy and Development*, Jun 2014, Vol. 39.1-2, 149-170

"Is there an Environmental Kuznets Curve in Bangladesh?" *Bangladesh Development Studies*, (BIDS, Dhaka), Vol. 36.4, Dec 2013: 1-23

"The Income Inequality and Domestic Terrorism Nexus: Fresh Evidence from Pakistan", *Sukkur IBA Journal of Management and Business*, Vol.1, October 2014, 102-11

"Financial Development and Energy Consumption Nexus in Malaysia: A Multivariate Time Series Analysis", *Economic Modelling*, (Elsevier), 2013, Vol. 30:435-41

"Economic Education and Student Performance in the Business Discipline: Implications for Curriculum Planning", *Journal of Economic Education*, (Taylor & Francis), 2013, Vol. 44.1:17-31

"Does Financial Development Hamper Economic Growth? Empirical Evidence from Bangladesh", *Journal of Business Economics and Management*, 2013, (Taylor and Frances) Vol. 14.3:558-582

"Does Financial Development Increase Rural-Urban Income Inequality? Cointegration Analysis in the Case of Indian Economy", *International Journal of Social Econ*, 2013, (Emerald), Vol. 40.2: 151-67

"Income Terms of Trade and Trade Balance: The Long Run Evidence from Bangladesh", *Bangladesh Development Studies*, (BIDS, Dhaka), 2013, Vol. 36.2:110-22

"Is Devaluation Contractionary? Empirical Evidence for Pakistan", *Economic Change and Restructuring*, 2012, (Springer), Vol. 45:399-316

"Trade Balance and Real Exchange Rate Changes: A Revisit", *The International Trade Journal*, 2012, Vol. 26.3, (Taylor and Frances), Spring:139-153

"Are there benefits from sectoral diversification in the Indian BSE market? Evidence from non-parametric test", *Indian Economic Review*, (Delhi School of Economics), 2012, Vol. 47.2: 285-306

"Nexus of Trade, Investment and Poverty: Evidence from Pakistan", *Bangladesh Development Studies*, (BIDS, Dhaka), June 2012, Vol. 35.2:87-108

"Import-Economic Growth Nexus: ARDL Approach to Cointegration", *Journal of Chinese Economic and Foreign Trade Studies*, Vol. 5.3, (Emerald): 2012:192-214

Morgan State University Faculty Research Profiles

"Immigration and Economic Growth: Further Evidence from US Data", Review of Applied Economics, 2012, Vol. 8.1, Jan-Jun: 69 - 78

"Phillips Curve in a Small Open Economy: A Time Series Exploration of North Cyprus", Bangladesh Development Studies, (BIDS), 2012, Vol. 35.4:113-129

"Financial Development and Income Inequality in Pakistan: An ARDL Approach", Journal of Economic Development, 2011, Vol. 36.1:55-67

"The Dynamics of Margin Borrowing, Holding Period and the NASDAQ Index: Lessons from the 1990's", Indian Journal of Economics and Business, 2011, Vol. 10.2-3:283-93

"Immigration and Wages in a Developed Economy: A note", Econ Bulletin, 2010, Vol. 30.4:2567-75

"Persistence of Shock in a Time Series: An Empirical Analysis of Bangladesh Railway Earnings", South Asia Economic Journal, 2009, Vol. 10.2, (Sage):429-449

"Was China the First Domino? Revisiting the Asian Currency Crisis", Economics Letters, (Elsevier), 2008, Vol. 98.3:275-281, (Elsevier)

"Herd Behavior and the 1997 Crisis: Further Evidence", Indian Journal of Economics and Business, Vol. 7.2, Dec 2008:303-313

"The Value of Prerequisite Courses for Statistics", The Journal of Business Inquiry", Vol. 7.1, 2008:61-7

"Effect of Government Spending on Non-Oil GDP: Case of Bahrain", Journal of Asian Economics, (Elsevier), Vol. 18.5, Sept-Oct, 2007:760 - 774,

"Can Margin Borrowing Explain Rising Bankruptcy in the US?", The Empirical Economics Letters, 2006, Vol. 5(6), Nov:329-337

"The Asian Crisis: An Economic Analysis of the Causes"; Journal of Developing Areas, (MUSE), 2005, Vol. 39.2:169-90

"A Time Series Analysis of Coffee Price", Indian Development Review, Vol. 2.2, 2004, 33-48,

"A Reexamination of McKinnon-Shaw Hypothesis: Evidence from Five South Asian Countries", Bangladesh Development Studies, (BIDS), 1993, Vol. 21(4):77-88

Morgan State University Faculty Research Profiles

Golshan Javadian Ph.D.
Assistant Professor – Department of Business Administration
Graves School of Business and Management

MSU Campus
Office: GSBM, Room 640
Phone: 443-885-4289
E-mail: golshan.javadian@morgan.edu



Education:

Ph.D. Morgan State University, 2014
M.B.A. Fayetteville State University, 2009
B.S. Raja Institute of Higher Education, 2006

Research Interests:

Stereotypes in Organizational and Entrepreneurial Settings, High Quality Connections in Entrepreneurial Networks, Relative Deprivation/Gratification in Entrepreneurship, and Diversity.

Recent and Selected Publications:

Gupta, V. K., Dutta, D. K., Guo, G., Javadian, G., Jiang, C., et al. (2016). Classics in Entrepreneurship Research: Enduring Insights, Future Promises. *New England Journal of Entrepreneurship*, 19 (1), 1-16.
Baker, S., Mathis, C., Stites-Doe, S., & Javadian, G. (2016). The Role of Trust and Communication in Fostering Followers' Self Perceptions as Leaders. *Journal of Managerial Issues*.

Proudford, K., Porter, J., Javadian, G., & Zane, N. (2016). Navigating the Circle of Trust: Building and Rebuilding Authentic Relationships among Women. *Gender, Race, and Ethnicity in the Workplace: Emerging Issues and Enduring Challenges*. ABC-CLIO Greenwood.

Morgan State University Faculty Research Profiles

Javadian, G., Singh, R. P., & Gupta, V. K. (2016). Moving Beyond the Barriers: Examining the Impact of Self-efficacy and Stereotype Reactance on Women's Entrepreneurial Intentions. In Press, *Gender and Family Entrepreneurship*.

Gupta, V. K. & Javadian, G. (2015). Charting New Directions in Entrepreneurship Research. *New England Journal of Entrepreneurship*, 18 (2), 1-3.

Javadian, G. & Zoogah, D. B. (2014). Toward a comprehensive understanding of stereotype vulnerability and stereotype reactance in organizational settings: The contribution of relative deprivation theory. *Industrial and Organizational Psychology: Perspectives on Science and Practice*, 7, 403–474.

Cozma, I., Javadian, G., Gupta, V. K., & Canevar, M. (2014). Narcissistic personality inventory: An assessment of measurement equivalence across countries and gender. *International Journal of Management and Business*, 5 (1), 110-132.

Gupta, V. K., Javadian, G., & Jalili, N. (2014). Role of entrepreneur gender and management style in influencing perceptions and behaviors of new employees. *Journal of International Entrepreneurship*, 12 (1), 85-109.

Javadian, G. & Addae, I. Y. (2013). The impact of bureaucratic and gendered division of labor on women's careers in Iran. *Equality, Diversity, and Inclusion: An International Journal*, 32 (7), 654-670.

Javadian, G. & Singh, R. P. (2013). The impact of human, financial and social capital on women and men's entry into entrepreneurship in Iran. *Journal of Enterprising Culture*, 20 (4), 1–22.

Javadian, G. & Singh, R. P. (2012). Examining successful Iranian women entrepreneurs: An exploratory study. *Gender in Management: An International Journal*, 27 (3), 148 - 164.

Morgan State University Faculty Research Profiles

Robert Javonillo
Assistant Professor – Biology Department

MSU Campus
Office: Key Hall, Room 162
Phone: 443-885-3873
E-mail: robert.javonillo@morgan.edu



Research Interests:

Studies the evolution of vertebrates, particularly the reproductive evolution of characid fishes. Informative comparisons of these species requires an underlying phylogenetic hypothesis, which are constructed using morphological features or molecular sequence data. In addition to empirical research in the biology, he is interested in the best practices for scientific teaching and interdisciplinary environmental outreach and education.

Recent and Selected Publications:

Shrestha B, Javonillo R, Burns JR, Pirger Z, Vertes A. Comparative local analysis of metabolites, lipids and proteins in intact fish tissues by LAESI mass spectrometry. *Analyst*. 2013 Jun 21;138(12):3444-9. doi: 10.1039/c3an00631j. Epub 2013 May 3. PubMed PMID: 23646345.

Javonillo R, Malabarba LR, Weitzman SH, Burns JR. Relationships among major lineages of characid fishes (Teleostei: Ostariophysi: Characiformes), based on molecular sequence data. *Mol Phylogenet Evol*. 2010 Feb;54(2):498-511. doi: 10.1016/j.ympev.2009.08.026. Epub 2009 Aug 29. PubMed PMID: 19720150.

Javonillo R, Burns JR, Weitzman SH. Reproductive morphology of *Brittanichthys axelrodi* (Teleostei: Characidae), a miniature inseminating fish from South America. *J Morphol*. 2007 Jan;268(1):23-32. PubMed PMID: 17146774.

Morgan State University Faculty Research Profiles

Farin Kamangar
Chair of Department of Public Health Analysis
Professor – School of Community Health & Policy
PI of ASCEND Training Model to Increase Diversity in Biomedical Research Workforce

MSU Campus
Office: Portage, Room 207
Phone: 443-885-4788
E-mail: farin.kamangar@morgan.edu



Education:

2000-2005 PhD in Epidemiology, The Johns Hopkins University Bloomberg School of Public Health, Baltimore, MD [Dissertation: Helicobacter pylori, inflammation-related genes, and gastric cancer]

2001-2004 MHS in Biostatistics, The Johns Hopkins University Bloomberg School of Public Health, Baltimore, MD

1998-2000 MPH, Tehran University of Medical Sciences, Tehran, Iran [Thesis: Plasma homocysteine concentration and risk of atherosclerosis in Iranian men]

1988-1996 MD, Tehran University of Medical Sciences, Tehran, Iran [Dissertation: A Comparative Study of Anti-hypertensive Treatment (CSAT) used in Tehran, a randomized double-blind, placebo-controlled study]

Research Interests:

Cancer Epidemiology

Recent and Selected Publications:

Abnet CC, Corley D, Freedman ND, **Kamangar F**. Diet and gastrointestinal malignancies. Gastroenterology 2015, 148:1234-1243.

Morgan State University Faculty Research Profiles

- Karimi P, Islami F, Anandasbapathy S, Freedman ND, **Kamangar F**. Gastric Cancer: Descriptive epidemiology, risk factors, screening, and prevention. *Cancer Epidemiology, Biomarkers, and Prevention* 2014, 23: 700 - 713
- Kamangar F**, Shakeri R, Malekzadeh R, Islami F. Opium use: A risk factor for multiple cancers? *Lancet Oncology* 2014, 15: e69 - e77
- Khademi H, Malekzadeh R, Pourshams A, Jafari E, Salahi R, Semnani S, Abaie B, Islami F, Nasser-Moghaddam S, Byrnes G, Abnet CC, Dawsey SM, Ponder BA, Day NE, Pharoah PD, Boffetta P, Brennan P, **Kamangar F**. Opium use and mortality in the Golestan Cohort Study: A prospective study of 50,000 adults. *BMJ* 2012, 344: e2502
- Oliver N, Short B, Thein M, Duong VH, Tidwell ML, Sausville EA, Baer MR, **Kamangar F**, Emadi A. Clinical benefit of anticoagulation in treatment of catheter-related deep vein thrombosis in patients with acute leukemia. *Leukemia and Lymphoma*, in press.
- Liao LM, Hofmann JN, **Kamangar F**, Strickland PT, Ji BT, Yang G, Li HL, Rothman N, Zheng W, Chow WH, Gao YT, Shu XO. Polycyclic aromatic hydrocarbons and risk of gastric cancer in the Shanghai Women's Health Study Cohort. *International Journal of Molecular Epidemiology and Genetics*, in press.
- Cook MB, Corley DA, Murray LJ, Liao LM, **Kamangar F**, Ye W, Gammon MD, Risch HA, Casson AG, Freedman ND, Chow WH, Wu AH, Bernstein L, Nyren O, Pandeya N, Whiteman DC, Vaughan TL. Gastroesophageal reflux in relation to adenocarcinomas of the esophagus: A pooled analysis from the Barrett's and Esophageal Adenocarcinoma Consortium (BEACON). *PLoS One* 2014, 9:e103508.
- Karimi P, Islami F, Anandasbapathy S, Freedman ND, **Kamangar F**. Gastric Cancer: Descriptive epidemiology, risk factors, screening, and prevention. *Cancer Epidemiology, Biomarkers, and Prevention* 2014, 23: 700 - 713
- Nasrollahzadeh D, Ye W, Shakeri R, Sotoudeh M, Merat S, Shekeri R, **Kamangar F**, Abnet CC, Islami F, Boffetta P, Dawsey SM, Malekzadeh R. Contact with ruminants is associated with esophageal squamous cell carcinoma risk. *International Journal of Cancer* 2014, published online ahead of print.
- Islami F, Pourshams A, Nasser-Moghaddam S, Khademi H, Poustchi H, Khoshnia M, Nouroozi A, Amiriani T, Sohrabpour AA, Aliasgari A, Jafari E, Semnani S, Abnet CC, Pharoah PD, Brennan P, **Kamangar F**, Dawsey SM, Boffetta P, Malekzadeh R. Gastroesophageal reflux disease and overall and cause-specific mortality-A prospective study of 50,000 individuals. *Middle Eastern Journal of Digestive Diseases* 2014, 6: 65 - 80
- Kamangar F**, Shakeri R, Malekzadeh R, Islami F. Opium use: A risk factor for multiple cancers? *Lancet Oncology* 2014, 15: e69 - e77
- Wu B, Buddensick TJ, Ferdosi H, Narducci DM, Sautter A, Setiawan L, Shaikat H, Siddique M, Sulkowski GN, **Kamangar F**, Kowdley GC, Cunningham SC. Predicting Gangrenous Cholecystitis. *HPB*, in press.
- Etemadi A, Abnet CC, **Kamangar F**, Islami F, Khademi H, Pourshams A, Poustchi H, Wacholder S, Matthews CC, Pharoah PD, Brennan P, Boffetta P, Malekzadeh R, Dawsey SM. The impact of body size and physical activity during adolescence and adult life on overall and cause-specific mortality in a large cohort study from Iran. *European Journal of Epidemiology* 2014, 29: 95 - 109
- Islami F, Nasser-Moghaddam S, Pourshams A, Poustchi H, Semnani S, **Kamangar F**, Etemadi A, Merat A, Khoshnia M, Dawsey SM, Pharoah P, Brennan P, Abnet CC, Boffetta P,

- Malekzadeh R. Determinants of gastroesophageal reflux disease, including hookah smoking and opium use - A cross-sectional analysis of 50,000 individuals. *PLoS One* 2014, 9: e89256
- Sarandria JJ, Escano M, **Kamangar F**, Montgomery E, Farooqui S, Cunningham SC. Splenic Littoral Cell Tumors: Review of 180 cases of splenic littoral cell tumors in the world literature: massive splenomegaly correlates with malignancy. *Minerva Chirurgica* 2014, 69: 229 - 237
- Farrokhzad S, Nedjat S, **Kamangar F**, Kamali M, Malekzadeh R, Pourshams A. Validity and reliability of a questionnaire designed to assess risk factors of pancreatic cancer in Iran. *Archives of Iranian Medicine* 2014, 17: 102 - 105
- Hakami R, Etemadi A, **Kamangar F**, Pourshams A, Mohtadinia J, Saber Firoozi M, Birkett N, Boffetta P, Dawsey SM, Malekzadeh R. Cooking methods and esophageal squamous cell carcinoma in high-risk areas of Iran. *Nutrition and Cancer* 2014, 66: 500 - 505
- Malekzadeh MM, Khademi H, Malekzadeh R, Pourshams A, Etemadi A, Poustchi H, Khoshnia M, Sohrabpour AA, Jafari E, Islami F, Semnani S, Abnet CC, Pharoah P, Brennan P, Dawsey SM, **Kamangar F**. Opium use and mortality from digestive diseases: A prospective cohort study. *American Journal of Gastroenterology* 2013, 108: 1757- 1765
- Amiri-Kordestani L, **Kamangar F**, Zujewski JA. Inflammatory breast cancer: Yet another risk of the obesity epidemic? *Journal of the National Cancer Institute* 2013, 105: 1340 - 1342
- Bani Hani M, **Kamangar F**, Goldberg S, Greenspon J, Lumpkins K, Shah P, Volpe C, Turner DJ, Horton K, Fishman E, Francis I, Daly B, Cunningham SC. Pneumatosis and portal venous gas: Do CT findings really reassure? *Journal of Surgical Research* 2013, 185: 581 - 586
- Kamangar F**, Karimi P. The state of nutritional epidemiology: Why we are still unsure of what we should eat? *Archives of Iranian Medicine* 2013, 16: 483 - 486
- Kamangar F**. Socioeconomic health inequalities: Ever-lasting facts or amenable to change? *International Journal of Preventive Medicine* 2013, 4: 621 - 623
- Kamangar F**, Islami F. Sample size calculation for epidemiologic studies: Principles and Methods. *Archives of Iranian Medicine* 2013, 16: 295 - 300
- Hoffman JN, Liao LM, Strickland PT, Shu XO, Yang G, Ji BT, Li HL, Rothman N, **Kamangar F**, Gao T, Zheng W, Chow WH. Polycyclic aromatic hydrocarbons: Determinants of urinary 1-hydroxyglucuronide concentration risk of colorectal cancer risk in Shanghai Women's Health Study. *BMC Cancer* 2013, 13: 282
- Malekzadeh MM, Etemadi A, **Kamangar F**, Khademi H, Golozar A, Islami F, Pourshams A, Poustchi H, Naemi M, Pharoah P, Abnet CC, Brennan P, Boffetta P, Abnet CC, Dawsey SM, Malekzadeh R. Prevalence, awareness, and risk factors of hypertension in a large cohort of adult Iranian population. *Journal of Hypertension* 2013, 31: 1364 - 1371
- Shakeri R, Malekzadeh R, Etemadi A, Nasrollahzadeh D, Aghcheli K, Abedi Ardekani B, Islami F, Pourshams A, Pawlita M, Boffetta P, Dawsey SM, **Kamangar F**, Abnet CC. Association of tooth loss and oral hygiene with risk of gastric adenocarcinoma. *Cancer Prevention Research* 2013, 6: 477 - 482
- Boffetta P, Islami F, Vedanthan R, Pourshams A, **Kamangar F**, Khademi H, Etemadi A, Salahi R, Semnani S, Emadi A, Abnet CC, Brennan P, Pharoah PD, Dawsey SM, Malekzadeh R. A U-shaped Relationship between Hematocrit and Mortality in a Large Prospective Cohort Study. *International Journal of Epidemiology* 2013, 42: 601 - 615
- Sepanlou SG, Etemadi A, **Kamangar F**, Sepehr A, Pourshams A, Poustchi H, Islami F, Sadjadi A, Nasrollahzadeh D, Semnani S, Saidi F, Abnet CC, Ponder B, Pharoah PD, Day NE, Brennan P, Boffetta P, Dawsey SM, Malekzadeh R. The gastro-esophageal malignancies in northern Iran

- research project: Impact on the health research and health care system in Iran. *Archives of Iranian Medicine* 2013, 16: 46 - 53
- Shakeri R, Malekzadeh R, Etemadi A, Nasrollahzadeh D, Aghcheli K, Sotoudeh M, Islami F, Pourshams A, Pawlita M, Boffetta P, Dawsey SM, Abnet CC, **Kamangar F**. Opium; an emerging risk factor for gastric adenocarcinoma. *International Journal of Cancer* 2013, 133: 455 - 461
- Islami F, Pourshams A, Vedanthan R, Poustchi H, **Kamangar F**, Golozar A, Etemadi A, Khademi H, Freedman ND, Merat S, Garg V, Fuster V, Wakefield J, Dawsey SM, Pharoah P, Brennan P, Abnet CC, Malekzadeh R, Boffetta P. Smoking waterpipe, chewing nass and prevalence of heart disease - A cross-sectional analysis of baseline data from Golestan Cohort Study, Iran. *Heart* 2013, 99: 272 - 278
- Etemadi A, van Schooten FJ, Islami F, Phillips DH, Godschalk R, Golozar A, **Kamangar F**, Malekshah AF, Pourshams A, Elahi S, Ghoghghi F, Boffetta P, Abnet CC, Malekzadeh R, Dawsey S. Variations in PAH-related DNA adduct levels among non-smokers: the role of multiple genetic polymorphisms and nucleotide excision repair phenotype. *International Journal of Cancer* 2013, 132: 2738 - 2848
- Islami F, Cao Y, **Kamangar F**, Nasrollahzadeh D, Marjani HA, Shakeri R, Fahimi S, Sotoudeh M, Dawsey SM, Abnet CC, Boffetta P, Malekzadeh R. Reproductive factors and risk of esophageal squamous cell carcinoma in northern Iran - A case-control study in a high-risk area and literature review. *European Journal of Cancer Prevention* 2013, 22: 461 - 466
- Golozar A, Fagundes RB, Etemadi A, Schantz MM, **Kamangar F**, Abnet CC, Fagundes RB, Dawsey SM. Significant variation in the concentration of carcinogenic polycyclic aromatic hydrocarbons in yerba maté samples by brand, batch, and processing method. *Environmental Science and Technology* 2012, 46: 13488 - 13493
- Kamangar F**. Causality in epidemiology. *Archives of Iranian Medicine* 2012, 15: 641 - 647
- Hoyo C, Cook MB, **Kamangar F**, Whiteman DC, Abnet CC, Ye W, Murray LJ, Corley DA, Freedman ND, Vaughan TL, Risch HA, Casson AG, Wu AH, Bernstein L, Nyren O, Chow WH, Gammon MD. Body mass index and adenocarcinomas of the esophagus and cardia: a combined analysis. *International Journal of Epidemiology* 2012, 41: 1706 - 1718
- Cook MB, **Kamangar F**, Taylor PR, Virtamo J, Albanes D, Petty G, Wood RJ, Cross AJ, Dawsey SM. Iron in relation to gastric cancer in the ATBC Cancer Prevention Study. *Cancer Epidemiology, Biomarkers, and Prevention* 2012, 21: 2033 - 2042
- Ashktorab H, Entezari O, Nouraie M, Dowlati E, Frederick W, Woods A, Lee E, Brim H, Smoot DT, Ghadyani F, **Kamangar F**, Razjouyan H. Helicobacter pylori protection against reflux esophagitis. *Digestive Diseases and Sciences* 2012, 57: 2924 - 2928
- Kamangar F**. Effect modification in epidemiology and medicine. *Archives of Iranian Medicine* 2012, 15: 575 - 582
- Nasrollahzadeh D, Malekzadeh R, Aghcheli K, Sotoudeh M, Merat S, Islami F, **Kamangar F**, Abnet CC, Shakeri R, Pourshams A, Semnani S, Boffetta P, Dawsey SM, Ye W. Gastric atrophy and esophageal squamous cell carcinoma: possible interaction with dental health and oral hygiene habits. *British Journal of Cancer* 2012, 107: 888 - 894
- Kamangar F**. Confounding variables in epidemiologic studies: Basics and beyond. *Archives of Iranian Medicine* 2012, 15: 508 - 516
- Khademi H, Radmard AR, Malekzadeh F, **Kamangar F**, Nasser-Moghaddam S, Johansson M, Byrnes G, Brennan P, Malekzadeh R. Diagnostic accuracy of age and alarm symptoms for upper

GI malignancy in patients with dyspepsia in a GI clinic: A 7-year cross-sectional study. *PLoS One* 2012, 7: e39173

Ren JS, **Kamangar F**, Forman D, Islami F. Pickled food and risk of gastric cancer - A meta-analysis of English and Chinese literature. *Cancer Epidemiology, Biomarkers, and Prevention* 2012, 21: 905 - 915

Kamangar F, Emadi A. Vitamin and mineral supplements: Do we really need them? *International Journal of Preventive Medicine* 2012, 3: 221 - 226

Khademi H, Malekzadeh R, Pourshams A, Jafari E, Salahi R, Semnani S, Abaie B, Islami F, Nasserri-Moghaddam S, Byrnes G, Abnet CC, Dawsey SM, Ponder BA, Day NE, Pharoah PD, Boffetta P, Brennan P, **Kamangar F**. Opium use and mortality in the Golestan Cohort Study: A prospective study of 50,000 adults. *BMJ* 2012, 344: e2502

Khademi H, **Kamangar F**. Esophageal cancer incidence trends in northeastern Iran: Comparing rates over 36 years. *Archives of Iranian Medicine* 2012, 15: 194 - 195

Shakeri R, **Kamangar F**, Malekzadeh R, Nasrollahzadeh D, Khademi H, Islami F, Nouraei M, Marjani HA, Fahimi S, Sepehr A, Abnet CC, Dawsey SM, Boffetta P, Majdzadeh R. Is opium a real risk factor for esophageal cancer or just a methodological artifact: A comparison of results from case-control studies using hospital and neighborhood controls. *PLoS One* 2012, 7: e32711

Murphy G, **Kamangar F**, Dawsey SM, Stanczyk FZ, Weinstein SJ, Taylor PR, Virtamo J, Abnet CC, Albanes D, Freedman ND. Serum ghrelin and risk of esophageal squamous cell carcinoma: a prospective investigation. *Gut* 2012, 61: 1533 - 1537

Lubin J, Cook MB, Pandeya N, Vaughan TL, Abnet CC, Giffen C, Webb PM, Murray LJ, Casson AG, Risch HA, Ye W, **Kamangar F**, Bernstein L, Sharp L, Nyren O, Gammon MD, Corley DA, Wu AH, Brown LM, Chow WH, Ward MH, Freedman ND, Whitman DC. Modeling odds ratios for adenocarcinoma and squamous cell carcinoma of the esophagus by cigarette smoking and alcohol consumption in the BEACON Consortium. *Cancer Epidemiology* 2012, 36: 306 - 316

Islami F, Boffetta P, van Schooten FJ, Strickland P, Phillips D, Pourshams A, Fazel-Tabar Malekshah A, Godschalk R, Jafari E, Etemadi A, **Kamangar F**, Straif K, Møller H, Schuz J, Malekzadeh R. Exposure to polycyclic aromatic hydrocarbons among never-smokers in Golestan Province, a high incidence area for esophageal cancer in Iran - A cross-sectional biomarker study in two seasons. *Frontiers in Oncology* 2012, 2: 14

Velasco E, Lindong I, **Kamangar F**. Determinants of anti-Hepatitis A antibody seroprevalence among 2-19 year olds in the U.S. using NHANES 2007-2008. *Epidemiology and Infection* 2012, 140: 417 - 425

Liao LM, Vaughan TL, Corley DA, Cook MB, Casson AG, **Kamangar F**, Abnet CC, Risch HA, Giffen C, Freedman ND, Chow WH, Sadeghi H, Webb PM, Whitman DC, Murray LJ, Bernstein L, Gammon MD, Wu AH. NSAID use and adenocarcinomas of the esophagus and esophagogastric junction: A pooled analysis from BEACON consortium. *Gastroenterology* 2012, 142: 442 - 452

Etemadi A, Golozar A, **Kamangar F**, Freedman ND, Shakeri R, Matthews C, Islami F, Boffetta P, Brennan P, Abnet CC, Dawsey SM, Malekzadeh R. Large body size and sedentary life style during childhood and esophageal squamous cell carcinoma in a high-risk population. *Annals of Oncology* 2012, 23: 1593 - 1600

Abedi-Ardekani B, **Kamangar F**, Sotoudeh M, Villar S, Islami F, Aghcheli K, Nasrollahzadeh D, Taghavi N, Dawsey SM, Abnet CC, Hewitt SM, Fahimi S, Saidi F, Brennan P, Boffetta P,

- Malekzadeh R, Hainaut P. Extremely high TP53 mutation load in esophageal squamous cell carcinoma in Golestan Province, Iran. *PLoS One* 2011, 6: e29488
- Golozar A, Khademi H, **Kamangar F**, Poustchi H, Islami F, Abnet CC, Freedman ND, Taylor PR, Pharoah P, Boffetta P, Brennan P, Dawsey SM, Malekzadeh R, Etemadi A. Diabetes mellitus and its correlates in an Iranian adult population. *PLoS One* 2011, 6: e26725
- Emadi A, Le A, Harwood CJ, Stagliano KW, **Kamangar F**, Ross AE, Cooper CR, Karp JE, Vuica-Ross M. Metabolic and electrochemical mechanisms of cytotoxicity of dimeric naphthoquinones in breast cancer cells. *Bioorganic and Medicinal Chemistry* 2011, 19: 7057 - 7062
- Nasrollahzadeh D, Aghcehli K, Sotoudeh M, Shakeri R, Persson C, Islami F, **Kamangar F**, Abnet CC, Boffetta P, Engstrand L, Dawsey SM, Malekzadeh R, Ye W. Accuracy and cut-off values of pepsinogens I, II, and gastrin 17 for diagnosis of gastric fundic atrophy: influence of gastritis. *PLoS One* 2011, 6: 26957
- Sohrabi S, Malekzadeh R, Ansari R, **Kamangar F**. Squatting and colorectal cancer risk: A case-control study. *Middle Eastern Journal of Digestive Diseases* 2011, 3: 23 - 27
- Murphy G, **Kamangar F**, Dawsey SM, Stanczyk F, Weinstein SJ, Taylor PR, Virtamo J, Abnet CC, Albanes D, Freedman ND. Low serum ghrelin is associated with an increased risk of gastric adenocarcinoma. *Journal of the National Cancer Institute* 2011, 103: 1123 - 1129
- Islami F, **Kamangar F**, Boffetta P. Grand challenges in cancer epidemiology and prevention. *Frontiers in Oncology* 2011, 1: 3
- Islami F, Sheikhattari P, Ren JS, **Kamangar F**. Gastric atrophy and risk of esophageal cancer and gastric cardia adenocarcinoma - A systematic review and meta-analysis. *Annals of Oncology* 2011, 22: 754 - 760
- Kamangar F**, Sheikhattari P, Mohebtash M. H. pylori and its effects on human health and disease. *Archives of Iranian Medicine* 2011, 14: 192 - 199
- Abnet CC, Zheng W, Ye W, **Kamangar F**, Shu XO, Ji BT, Persson C, Yang G, Li HL, Rothman N, Gao YT, Chow WH. Plasma pepsinogens, antibodies against *Helicobacter pylori*, and risk of gastric cancer in the Shanghai Women's Health Study Cohort. *British Journal of Cancer* 2011, 104: 1511 - 1516
- Freedman ND, Murray LJ, **Kamangar F**, Abnet CC, Cook MB, Ye W, Wu A, Bernstein L, Brown LM, Ward MH, Pandeya N, Green A, Casson AG, Giffen C, Risch HA, Gammon MD, Chow WH, Vaughan TL, Corley DA, Whitman DC. Alcohol intake and risk of esophageal adenocarcinoma: A pooled analysis from the BEACON Consortium. *Gut* 2011, 60: 1029 - 1037
- Sepanlou SG, Poustchi H, **Kamangar F**, Malekzadeh R. Effectiveness and feasibility of life-style and low-cost pharmacologic interventions in the prevention of chronic diseases: A review. *Archives of Iranian Medicine* 2011, 14: 46 - 53

Morgan State University Faculty Research Profiles

Jeremy Kargon, Architect
Associate Professor & Director, Graduate Program in Architecture
Department of Graduate Built Environment Studies
School of Architecture + Planning

MSU Campus
Office: CBEIS, Room218
Phone: 443-885-3511
E-mail: jeremy.kargon@morgan.edu



Education:

B.A., Yale University
M.Arch, Columbia University

Research Interests:

Architecture's representation and its different manifestations over time, across geography, and within diverse cultures; visual depictions of urban landscapes; the use of graphic notation to represent non-visual experiences; the history of Baltimore's architecture after World War II; "modernist" religious buildings; and the relationship between contemporary art and architecture in buildings of all types.

Recent and Selected Publications:

Kargon, Jeremy. "[A Symbolic Landscape for Suburbia: Baltimore Chizuk Amuno's 'Hebrew Culture Garden.'](#)" *Journal of Urban History*, Vol. 40, Issue 4 (2014) 677 - 706.

Kargon, Jeremy. "[The Logic of Color: Theory and Graphics in Christine Ladd-Franklin's Explanation of Color Vision.](#)" *Leonardo*, Vol. 47, Issue 2 (2014) 151-157.

Kargon, Jeremy. "[One City's Urban Cosmography.](#)" *Planning Perspectives*, Vol. 29 No. 1 (2014) 103-120.

Morgan State University Faculty Research Profiles

Kargon, Jeremy. "[Redefining the Typographical Architect: Analogy and Ethos for Contemporary Design Education](#)." *International Journal of Arts Education*, Vol. 3, No. 3 (2013) 1-16.

Kargon, Jeremy. "[Critique of an 'Artefactual' Landscape: Erich Mendelsohn's Engagement with the Built and Natural Environment, 1919-1931](#)." *Journal of Architecture*, Vol. 18, No. 1 (2013) 1-24.

Kargon, Jeremy, and Gharipour, Mohammad. "[Scanning Memory: Three Case Studies of Memorials in the Digital Age](#)." *International Journal of the Arts in Society.*, Vol. 6, No. 1 (2012) 153-164.

Kargon, Jeremy. "[Harmonizing These Two Arts: Edmund Lind's The Music of Color](#)." *Journal of Design History*, Vol. 24, No. 1 (2011): 1-14.

Kargon, Jeremy. "[Thomas Poppleton's Map: Vignettes of a City's Self Image](#)." *Maryland Historical Magazine* 104, No. 2 (2009): 185-207.

Kargon, Jeremy. "Architecture: The Reginald F. Lewis Museum of Maryland African American History and Culture." *Curator: The Museum Journal* 49, No. 1 (2006): 90-94.

Morgan State University Faculty Research Profiles

Michael Koban
Associate Professor – Biology Department
Co-Director, ASCEND, Institutional Development Core

MSU Campus
Office: Dixon, Room 208
Phone: 443-885-4687
E-mail: michael.koban@morgan.edu



Education:

B.A., Biology, Alaska Methodist (now Pacific) University, Anchorage AK
M.S. Zoology, Institute of Arctic Biology, University of Alaska, Fairbanks AK
Ph.D, Physiology, University of Illinois at Urbana-Champaign
Postdoctoral Fellow, Biochemistry and Molecular Biology, Johns Hopkins University, Baltimore MD

Research Interests:

Using an interdisciplinary approach (molecular biology, biochemistry, neuroscience and systems physiology) research is focused on understanding how prolonged sleep restriction of rats results in the development of many pathologies including hyperphagia, loss of body weight and increased energy metabolism.

Recent and Selected Publications:

Hoffman, GE and Koban, M. Hypothalamic L-histidine decarboxylase is up-regulated during chronic REM sleep deprivation of rats. In press, *PLoS ONE* 2016.

Koban M, Sita LV, Le WW, Hoffman GE. Sleep deprivation of rats: the hyperphagic response is real. *Sleep*. 2008 Jul;31(7):927-33.

Koban M, Stewart CV. Effects of age on recovery of body weight following REM sleep deprivation of rats. *Physiol Behav*. 2006 Jan 30;87(1):1-6. Epub 2005 Oct 21.

Morgan State University Faculty Research Profiles

Koban M, Le WW, Hoffman GE. Changes in hypothalamic corticotropin-releasing hormone, neuropeptide Y, and proopiomelanocortin gene expression during chronic rapid eye movement sleep deprivation of rats. *Endocrinology*. 2006 Jan;147(1):421-31. Epub 2005 Oct 6.

Koban M, Swinson KL. Chronic REM-sleep deprivation of rats elevates metabolic rate and increases UCP1 gene expression in brown adipose tissue. *Am J Physiol Endocrinol Metab*. 2005 Jul;289(1):E68-74. Epub 2005 Feb 22.

Morgan State University Faculty Research Profiles

Niangoran Koissi Lecturer – Chemistry Department

MSU Campus
Office: Spencer Hall, Room 312
Phone: 443-885-3214
E-mail: niangoran.koissi@morgan.edu



Education:

1997-2007: Ph.D. in Organic Chemistry - Graduate School of BioOrganic Chemistry, Department of Organic Chemistry and Chemical Biological, University of Turku (Finland)
2004-2005: Diplomat in International BioBusiness Education for Scientists. Certificate in Entrepreneurship (An Interesting opportunity) Turku School of Economic and Business Administration, Business Research and Development Center, Turku (Finland)
1994-1996: M.Sc in Organic Chemistry. Major in Organic Chemistry and minors in Environmental Chemistry and Biotechnology. Graduate School of BioOrganic Chemistry, Department of Chemistry, University of Turku (Finland)

Research Interests:

1. Applications of chemically modified nucleic acids within therapeutics, diagnostics, environment and nanobioscience
2. Chemistry and Biology of biomolecules such as, carbohydrates, natural products, nucleic acids, and oligonucleotides as drug candidates
3. Characterization of compounds by NMR, fluorescence and molecular modeling

Recent and Selected Publications:

N. Koissi, JC Fishbein. Trapping of a cross-link formed by a major purine adduct of a metabolite of the carcinogen N-nitrosomorpholine by inorganic and biological reductants, Chem Res Toxicol (2013) 26(5), 732-40

Morgan State University Faculty Research Profiles

N Koissi, NH Shah, B Ginevan, WS Eck, BD Roebuck, JC Fishbein. Lactone metabolite common to the carcinogens dioxane, diethylene glycol, and N-nitrosomorpholine: aqueous chemistry and failure to mediate liver carcinogenesis in the F344 rat, *Chem Res Toxicol.* (2012) 25(5), 1022-8

N Koissi, H Lönnberg. Synthesis of modified nucleosides for incorporation of formyletheno and carboxyetheno adducts of adenine nucleosides into oligonucleotides, *Nucleosides Nucleotides Nucleic Acids* (2007) 26(8-9), 1203-6

AM Ruohola, N Koissi, S Andersson, I Lepistö, K Neuvonen, S Mikkola, H Lönnberg. Reactions of 9-substituted guanines with bromomalondialdehyde in aqueous solution predominantly yield glyoxal-derived adducts, *Org Biomol Chem.* (2004) 2(13),1943-50

N Koissi, H Lönnberg. Synthesis of an oligonucleotide analogue of ethenoadenosine, *Nucleosides Nucleotides Nucleic Acids* (2003) 22(5-8), 1135-7

Morgan State University Faculty Research Profiles

Kevin Kornegay
IoT Security Endowed Professor
Electrical & Computer Engineering Department

MSU Campus
Office: SEB, Room 332
Phone: 443-885-4869
E-mail: kevin.kornegay@morgan.edu



Education:

Ph.D. University of California –Berkeley, EECS, 1992.
M.S. University of California –Berkeley EECS, 1990.
B.S. Pratt Institute EE 1985.

Research Interests:

IoT Device Security; Reverse Engineering; Hardware Assurance; Secure Embedded System Design; Side-Channel Analysis; Differential Fault Analysis

Recent and Selected Publications:

K. T. Kornegay and R. W. Brodersen, “Integrated Test Solutions for a System Design Environment,” J. VLSI Design, vol. 1, pp. 345-357, Jan. 1994.

S. Ryu and K. T. Kornegay, “Design and Fabrication of Depletion Load NMOS Integrated Circuits in 6H-SiC,” Proc. Int. Conf. Silicon Carbide and Related Mater., pp. 789-792, Feb.1996.

K. T. Kornegay and K. Roy, “Structured Test Methodologies and Test Economics for Multichip Modules,” IEEE Trans. Compon. Packag. Technol., vol. 19, pp. 195-202, Feb. 1996.

J. Chen and K. T. Kornegay, “Class AB CMOS Power OPAMP with Stable Voltage Gain over a Wide Temperature Range,” IEE Proc., Circuits Devices Syst., vol. 144, pp. 22-28, Feb.1997.

M. P. Lam, K. T. Kornegay, J.A. Cooper, Jr. and M. R. Melloch, “Planar 6H-SiC MESFETs with Vanadium Implanted Channel Termination,” IEEE Trans. Electron Devices, vol. 44, pp. 907-910, May 1997.

Morgan State University Faculty Research Profiles

S. Ryu, K. T. Kornegay, J.A. Cooper, Jr., and M. R. Melloch, "Monolithic CMOS Digital Integrated Circuits in 6H-SiC Using an Implanted P-Well Process," IEEE Electron Device Lett., vol. 18, pp. 194-196, May 1997.

S. Ryu, K. T. Kornegay, J. A. Cooper, Jr., and M R. Melloch, "Digital CMOS ICs in 6H-SiC Operating on a 5V Power Supply," IEEE Trans. Electron Devices, vol. 45, pp. 45-53, Jan. 1998.

M. P. Lam, M. K. Das, J. N. Pan, K. T. Kornegay, J. A. Cooper, Jr., and M. R. Melloch, "Effects of Nitrogen Implant Activation on the SiC/SiO₂ Oxide Interface of 6H-SiC Self-Aligned Mosfets," IEEE Trans. Electron Devices, vol. 45, pp. 565-567, Feb. 1998.

J. Chen and K. T. Kornegay, "Design of a Process Variation Tolerant CMOS OPAMP in 6HSiC Technology for High Temperature Operation," IEEE Trans. Circuits Syst. I, vol. 48, pp. 1159-1171, Nov. 1998.

I. Hong, D. Kirovski, K. T. Kornegay and M. Potkonjak, "High-Level Synthesis Techniques for Test Pattern Execution," Integ. VLSI J., vol. 25, pp. 161-180, Nov. 1998.

J. Chen, K. T. Kornegay, and S. Ryu, "A Silicon Carbide CMOS Intelligent Gate Driver Circuit with Stable Operation over a Wide Temperature Range," IEEE J. Solid-State Circuits, vol. 34, pp. 192-204, Feb. 1999. 6

M. P. Lam and K. T. Kornegay, "Recent Progress in 6H-SiC CMOS Devices for Smart Power Applications," IEEE Trans. Electron Devices, vol. 46, no. 3, pp. 546-554, March 1999.

M. P. Lam and K. T. Kornegay, "Punchthrough Behavior in Short Channel 6H-SiC MOS Transistors at Elevated Temperatures," IEEE Trans. Compon. Packag. Technol., vol. 22, pp. 433-438, Sept. 1999.

G. L. Katulka, D. J. Hepner, B. Davis, E. Irwin, M. Ridgley, and K. T. Kornegay, "Characterization of Silicon Carbide and Commercial-Off-The-Shelf (COTS) Components for High-g Launch and EM Applications," IEEE Trans. Magnetics, vol. 37, pp. 248-251, Jan. 2001.

A. Atwell, R. Okojie, K. Kornegay, S. Roberson and A. Beliveau, "Simulation and Validation of Bulk Micromachined 6H-SiC High-G Piezoresistive Accelerometers," IEEE Sens. Actuators A, Phys., vol. 104, pp. 11-18, Feb. 2003.

C. Li, J. S. Duster and K. Kornegay, "A Nonvolatile Memory Device in 6H-SiC for Harsh Environment Applications," IEEE Electron Device Lett., vol. 24, pp. 72-74, Feb. 2003.

D. M. Fried, J. S. Duster and K. T. Kornegay, "Improved Independent Gate N-type FinFET Fabrication and Characterization," IEEE Electron Device Lett., vol. 24, pp. 592- 594, Sept. 2003.

J. C. Zhan, K. Maurice, J. S. Duster and K. T. Kornegay, "Analysis and Design of Negative Impedance LC Oscillators Using Bipolar Technology," IEEE Trans. Circuits Syst. I, vol. 50, Nov. 2003.

D. M. Fried, J. S. Duster, and K. T. Kornegay, "High Performance P-Type Independent Gate FinFETs," IEEE Electron Device Lett., vol. 25, pp. 199-201, April 2004.

J. C. Zhan, J. S. Duster and K. T. Kornegay, "Design of Negative Impedance LC Oscillators using Bipolar Technology," IEEE J. Solid-State Circuits, vol. 39, pp. 2062-64, Nov. 2004.

Morgan State University Faculty Research Profiles

- D. Kucharski and K. T. Kornegay, "Jitter Considerations in the Design of a 10 Gb/s Automatic Gain Control Amplifier," IEEE Trans. Microw. Theory Tech., vol. 53, pp. 590- 597, Feb. 2005.
- J. C. Zhan, J. S. Duster, and K. T. Kornegay, "A high fosc/FT Ratio VCO in SiGe BiCMOS Technology," IEEE Microw. Wirel. Comp. Lett., vol. 15, pp. 149-161, March 2005.
- D. Guckenberger, C. Shuster, Y. Kwark, and K. T. Kornegay, "On-chip Crosstalk Mitigation of Densely Packed Striplines using via Fence Enclosures," Electron. Lett., vol. 41, pp. 412-414, March 2005.
- D. Guckenberger and K. T. Kornegay, "Design of a Distributed Amplifier and Oscillator using Closed-packed Interleaved Transmission Lines," Special Issue on the IEEE 2004 7 BCTM, IEEE J. Solid-State Circuits, vol. 40, pp. 1997-2007, Oct. 2005.
- B. Welch, K. Kornegay, H. Park, and J. Laskar, "A 20 GHz Low Noise Amplifier with Active Balun in a 0.25 μm SiGe BICMOS technology," Special Issue on the IEEE 2004 CSICS, IEEE J. Solid-State Circuits, vol. 40, pp.2092-2097, Oct. 2005.
- D. Kucharski and K. Kornegay, "A 2.5V 43-45 Gb/s CDR Circuit and 50 Gb/s PRBS Generator in SiGe using a Low Voltage Logic Design Family," Special Issue on the IEEE 2005 BCTM, IEEE J. Solid-State Circuits, vol. 41, pp. 2154-2165, Sept. 2006.
- T. S. Mukherjee, A. K. Sutton, K. T. Kornegay, R. Krithivasan, J. D. Cressler, G. Niu, and P. W. Marshall, "A Novel Circuit-Level SEU Hardening Technique for High-Speed SiGe HBT Logic Circuits," IEEE Trans. on Nuclear Sci., vol. 54, pp. 2086-2091, Dec. 2007.
- P. Malla, H. Lakdawala, R. Naiknaware, S. Krishnamurthy, and K. Kornegay, "Delta Sigma ADC Design Considerations for WiFi/WiMAX Receivers," Analog Integrated Circuits and Signal Processing Journal, 2008.
- J. Kim, K.T. Kornegay, J.A. Alvarado, C.H. Lee, and J. Laskar, "W-band double-balanced down-conversion mixer with marchand baluns in silicon-germanium technology," Electronics Letters, vol.45, no. 16, pp. 841-843, July 2009.
- J. Kim, H. Kim, Y. Yoon, K. H. An, W. Kim, C.-H. Lee, and K. T. Kornegay, "A Linear Multi-Mode CMOS Power Amplifier with Discrete Resizing and Concurrent Power Combining Structure, to appear in, Special Issue on the IEEE 2010 RFIC, IEEE J. SolidState Circuits, June 2011

Morgan State University Faculty Research Profiles

Gabriel Kroiz
Chair – Undergraduate Design Department
Associate Professor – School of Architecture & Planning

MSU Campus
Office: CBEIS, Room 226
Phone: 443-885-4240
E-mail: gabriel.kroiz@morgan.edu



Education:

B.F.A., B.Arch, Rhode Island School of Design
M.Arch, University of Maryland, College Park

Research Interests:

Urban Sustainability; Sustainable Building Systems; Design Pedagogy

Recent and Selected Publications:

Gabriel Kroiz & Pavlina Ilieva, “Skin Treatment’: subcutaneous and superficial performance enhancements to a legacy curtain wall”, 2013 ACSA Fall Conference: Design Interventions for Changing Climates – Conference Proceedings, Co-Chairs Anthony Abbate, Francis Lyn and Rosemary Kennedy, ACSA Press, New York, 2014

Kroiz, Gabriel, “Manifesto off the Shelf: Educating Black Architects at Morgan State University”, Journal of Architectural Education, Vol. 67, Iss. 2, 2013, pages 205-213.

Gabriel Kroiz & Mina Cheon, “The Konglish Critique: Combating Language and Cultural Barriers”, BEYOND CRITIQUE: a collection of essays by faculty members of the Maryland Institute College of Art and beyond, edited by Susan Waters-Eller, MICA, Baltimore, 2013

Morgan State University Faculty Research Profiles

Minli Liao
Assistant Professor – Bachelors in Social Work Department

MSU Campus
Office: Jenkins, Room 351
Phone: 443-885-3194
E-mail: minli.liao@morgan.edu



Education:

MSW, University of Illinois at Urbana-Champaign
PhD, University of Illinois at Urbana-Champaign

Research Interests:

Urban Child Welfare; Children with Disabilities; Child Abuse and Neglect; Grandparenting; Quantitative and Qualitative Research Methods

Recent and Selected Publications:

Liao, M. (2016). Factors predicting post-permanency adjustment for children in adoption or guardianship placements: An ecological systems analysis. *Children and Youth Services Review*. 66, 131-143.

Liao, M., & Testa, M. (in press). Postadoption and guardianship: An evaluation of the adoption preservation, assessment, and linkage program. *Research on Social Work Practice*. doi: 10.1177/1049731514564600

Testa, M.F., Snyder, S.M., Wu, Q., Rolock, N., Liao, M. (2015). Adoption and guardianship: A moderated mediation analysis of predictors of post-permanency continuity. *American Journal of Orthopsychiatry*, 85(2), 107-18.

Liao, M., & White, K.R. (2014). Post-permanency service needs, service utilization, and placement discontinuity for kinship versus non-kinship families. *Children and Youth Services 2 Review*, 44(1), 370-78.

Morgan State University Faculty Research Profiles

Anderson, S., Liu, M., & Liao, M. (2013). Subsidized child care by grandparents: Profiles of caregivers in an emerging public service context. *Journal of Women and Aging*, 25(3), 242-59.

Liu, C., Liao, M., & Smith, D.C. (2012). An empirical review of Internet addiction outcome studies in China. *Research on Social Work Practice*, 22(3), 282-92.

Liao, M., Lee, A.S., Roberts-Lewis, A.C., Hong, J.S., & Jiao, K. (2011). Child maltreatment in China: An ecological review of the literature. *Children and Youth Services Review*, 33(9), 1709-19.

Liao, M., & Hong, J.S. (2011). Child labor in the People's Republic of China: An ecological systems analysis. *International Social Work*, 54(4), 565-79.

Hong, J.S., & Liao, M. (2010). Revisiting the case of Kayla Rolland decade later: An ecological systems analysis. *Journal of Child and Adolescent Trauma*, 3(1), 58-72.

Liechty, J.M., Liao, M., & Schuil, C.P. (2009). Facilitating dissertation completion among doctoral students in social work. *Journal of Social Work Education*, 45(3), 481-97.

Liu, M., Hu, Y., & Liao, M. (2009). Travelling theory in China: Contextualization, compromise and combination. *Global Network*, 9(4), 529-53.

Morgan State University Faculty Research Profiles

Sequean Zev Mahnke
Retention Coordinator – Bachelors in Social Work Department

MSU Campus
Office: Jenkins, Room 336
Phone: 443-885-4382
E-mail: zev.mahnke@morgan.edu



Education:

MSW, Morgan State University

Research Interests:

Education Policy, School Social Work, Hip-Hop Psychology, Human Behavior in The Social Environment, Effective Mentoring Strategies, Recidivism, and Social Justice.

Morgan State University Faculty Research Profiles

Pumtiwitt McCarthy
Assistant Professor – Chemistry Department

MSU Campus
Office: Dixon Research Center, Room 120
Phone: 443-885-3882
E-mail: pumtiwitt.mccarthy@morgan.edu



Education:

B.S. Biochemistry, cum laude, Rowan University, 2003
Ph.D. Biochemistry, University of Delaware, 2009
NIH PRAT Postdoctoral Fellowship, ORISE Fellowship, Center for Biologics Evaluation and Research, U.S. Food and Drug Administration, 2009-2013

Research Interests:

Enzymology, protein structure-function relationships, carbohydrate biosynthesis, chemoenzymatic synthesis, carbohydrate-based biomaterials, vaccine development

Recent and Selected Publications:

K.M. Muindi, P.C. McCarthy, T. Wang, J. Vionnet, M. Battistel, E. Jankowska, W.F. Vann, Characterization of the Meningococcal Serogroup X Capsule N-Acetylglucosamine-1-Phosphotransferase, *Glycobiology* (2014) 24, 139-149
P.C. McCarthy, R. Saksena, D.C. Peterson, C.H. Lee, Y. An, J.F. Cipollo, W.F. Vann. Chemoenzymatic Synthesis of Immunogenic Meningococcal Group C Polysialic Acid-Tetanus Hc Fragment Glycoconjugates, *Glycoconjugate Journal* (2013) 30, 857-870
D.C. Peterson, J. Vionnet, G. Arakere, P.C. McCarthy, W.F. Vann. Characterization and acceptor specificity of a soluble meningococcal group C polysialyltransferase, *Journal of Bacteriology* (2011) 193, 1576-1582
S.L. Mosley, P.C. Rancy, D.C. Peterson, J. Vionnet, R. Saksena, W.F. Vann. Chemoenzymatic synthesis of conjugatable oligosialic acids, *Biocatalysis and Biotransformations* (2010) 28, 1-10

Morgan State University Faculty Research Profiles

D. Ramadan, P.C. Rancy, R. Nagarthar, J.P. Schneider, C.Thorpe. Arsenic (III) Species Inhibit Oxidative Protein Folding in Vitro, *Biochemistry* (2009) 48, 424-432

P.C. Rancy and C. Thorpe. Oxidative Protein Folding in vitro: a Study of the Cooperation between Quiescin-sulfhydryl Oxidase and Protein Disulfide Isomerase, *Biochemistry* (2008) 47, 12047-12056

E.J. Heckler, P.C. Rancy, Vamsi K. Kodali, Colin Thorpe. Generating disulfides with the Quiescin sulfhydryl oxidases. *Biochimica et Biophysica Acta* (2008) 1783, 567-577

S. Sivendran, M.L. Segall, P.C. Rancy, R.F. Colman. Effect of Asp69 and Arg310 on the pK of His68, a Key Catalytic Residue of Adenylosuccinate Lyase (ASL). *Protein Science* (2007) 16, 1700-1707

Morgan State University Faculty Research Profiles

Gabrielle Mclemore
Associate Professor – Biology Department

MSU Campus
Office: Spencer, Room 104
Phone: 443-885-3633
E-mail: gabrielle.mclmore@morgan.edu



Recent and Selected Publications:

McLemore GL, Lewis T, Jones CH, Gauda EB. Novel pharmacotherapeutic strategies for treatment of opioid-induced neonatal abstinence syndrome. *Semin Fetal Neonatal Med.* 2013 Feb;18(1):35-41. doi: 10.1016/j.siny.2012.09.002. Epub 2012 Oct 9. Review. PubMed PMID: 23059064; PubMed Central PMCID: PMC4142759.

Chavez-Valdez R, Kovell L, Ahlawat R, McLemore GL, Wills-Karp M, Gauda EB. Opioids and clonidine modulate cytokine production and opioid receptor expression in neonatal immune cells. *J Perinatol.* 2013 May;33(5):374-82. doi: 10.1038/jp.2012.124. Epub 2012 Oct 4. PubMed PMID: 23047422; PubMed Central PMCID: PMC3640758.

Frascella J, Richardson KA, McLemore GL. Animal models of drug addiction in support of novel therapeutic strategies. *ILAR J.* 2011;52(3):233-8. doi: 10.1093/ilar.52.3.233. PubMed PMID: 23382141.

Gauda EB, Cooper RZ, Donnelly DF, Mason A, McLemore GL. The effect of development on the pattern of A1 and A2a-adenosine receptor gene and protein expression in rat peripheral arterial chemoreceptors. *Adv Exp Med Biol.* 2006;580:121-9; discussion 351-9. PubMed PMID: 16683708.

Richardson KA, Yohay AL, Gauda EB, McLemore GL. Neonatal animal models of opiate withdrawal. *ILAR J.* 2006;47(1):39-48. Review. PubMed PMID: 16391430.

Tolosa JN, Cooper R, Myers AC, McLemore GL, Northington F, Gauda EB. Ontogeny

Morgan State University Faculty Research Profiles

of retrograde labeled chemoafferent neurons in the newborn rat nodose-petrosal ganglion complex: an ex vivo preparation. *Neurosci Lett*. 2005 Aug 12-19;384(1-2):48-53. PubMed PMID: 15896903.

McLemore GL, Cooper RZ, Richardson KA, Mason AV, Marshall C, Northington FJ, Gauda EB. Cannabinoid receptor expression in peripheral arterial chemoreceptors during postnatal development. *J Appl Physiol* (1985). 2004 Oct;97(4):1486-95. PubMed PMID: 15358754.

Gauda EB, McLemore GL, Tolosa J, Marston-Nelson J, Kwak D. Maturation of peripheral arterial chemoreceptors in relation to neonatal apnoea. *Semin Neonatol*. 2004 Jun;9(3):181-94. Review. PubMed PMID: 15050211.

Gauda EB, Cooper R, Johnson SM, McLemore GL, Marshall C. Autonomic microganglion cells: a source of acetylcholine in the rat carotid body. *J Appl Physiol* (1985). 2004 Jan;96(1):384-91. PubMed PMID: 14660500.

Jett DA, Beckles RA, Navoa RV, McLemore GL. Increased high-affinity nicotinic receptor-binding in rats exposed to lead during development. *Neurotoxicol Teratol*. 2002 Nov-Dec;24(6):805-11. PubMed PMID: 12460663.

Jett DA, Navoa RV, Beckles RA, McLemore GL. Cognitive function and cholinergic neurochemistry in weanling rats exposed to chlorpyrifos. *Toxicol Appl Pharmacol*. 2001 Jul 15;174(2):89-98. PubMed PMID: 11446824.

Kest B, McLemore GL, Sadowski B, Mogil JS, Belknap JK, Inturrisi CE. Acute morphine dependence in mice selectively-bred for high and low analgesia. *Neurosci Lett*. 1998 Nov 6;256(2):120-2. PubMed PMID: 9853718.

McLemore GL, Kest B, Inturrisi CE. The effects of LY293558, an AMPA receptor antagonist, on acute and chronic morphine dependence. *Brain Res*. 1997 Dec 5;778(1):120-6. PubMed PMID: 9462883.

Kest B, Lee CE, McLemore GL, Inturrisi CE. An antisense oligodeoxynucleotide to the delta opioid receptor (DOR-1) inhibits morphine tolerance and acute dependence in mice. *Brain Res Bull*. 1996;39(3):185-8. PubMed PMID: 8866695.

McLemore GL, Billingsley ML, Severs WB. Cardiac noradrenergic mechanisms mediate GABA-enhanced ouabain cardiotoxicity. *Pharmacology*. 1994 Dec;49(6):343-50. PubMed PMID: 7878072.

Koehler EM, McLemore GL, Martel JK, Summy-Long JY. Response of the magnocellular system in rats to hypovolemia and cholecystokinin during pregnancy and lactation. *Am J Physiol*. 1994 Apr;266(4 Pt 2):R1327-37. PubMed PMID: 8184979.

McLemore GL, Billingsley ML, Severs WB. Ouabain cardiotoxicity is enhanced by GABA in anesthetized rats. *Pharmacology*. 1993 Aug;47(2):126-34. PubMed PMID: 8356102.

Koehler EM, McLemore GL, Tang W, Summy-Long JY. Osmoregulation of the magnocellular system during pregnancy and lactation. *Am J Physiol*. 1993 Mar;264(3

Morgan State University Faculty Research Profiles

Pt 2):R555-60. PubMed PMID: 8457007.

Summy-Long JY, Rosella-Dampman LM, McLemore GL, Koehler E. Kappa opiate receptors inhibit release of oxytocin from the magnocellular system during dehydration. *Neuroendocrinology*. 1990 Apr;51(4):376-84. PubMed PMID: 1971712.

Morgan State University Faculty Research Profiles

Farzad Moazzami
Assistant Professor – Electrical & Computer Engineering Department

MSU Campus
Office: SEB 334
Phone: 443-885-4204
E-mail: farzad.moazzami@morgan.edu



Education:

D.Eng Electrical Engineering, Morgan State University, 2011
M.Eng Electrical Engineering, Morgan State University, 2009
B.S. Electrical Engineering, Azad University of Tabriz, 2003

Research Interests:

Cyber Security; Cryptography algorithms; Data and Communication Security; Wireless Networks and Network Security; Digital signal processing for communications systems; Pen Testing; Security Risk Analysis; Online Engineering Education

Recent and Selected Publications:

Book Chapter - Y. Astatke, C. Scott, J. Ladeji-Osias, P. James, F. Moazzami, K. Conner, A. Saka (2015) Improving and Expanding Engineering Education in the Middle East and Africa Using the Mobile Studio Technology and Pedagogy. In *Engineering and Engineering Education in the Middle East: Status Challenges, Role in fostering Human and Economic Development, and Futuristic Transformations* in collaboration with CRU, Qatar University, and Texas A&M university. Springer, New York, NY.

1. H. Belay, D. Hailemariam, Y. Astatke, F. Moazzami, "Investigation of RLS Beamforming Algorithm In-terms of Energy Efficiency" in the 50th Annual Conference on Information Sciences and Systems, IEEE CISS 16-18 March, Princeton University, NJ.
2. Jon Bass, Farzad Moazzami, "Implementing Security Controls for Cloud to Cloud Service Functionality Security" to be presented at the 52nd International Telemetry Conference (ITC), Nov. 2016, Phoenix, AZ.
3. F. Moazzami, Joshua Odumosu, "A Framework for Reverse TCP Backdoor Attack and Computer Forensics on LINUX" to be presented at the 52nd International Telemetry Conference (ITC), Nov. 2016, Phoenix, AZ.
4. M. Rice, C. Hogstrom, C. Nash, J. Ravert, A. Cole-Rhodes, F. Moazzami, M. Saquib, S. Afran, E. Perrins, K. Temple, "Some Initial Results for Data-Aided Equalizer Experiments at Edwards AFB" to be presented at the 52nd International Telemetry Conference (ITC), Nov. 2016, Phoenix, AZ.

Morgan State University Faculty Research Profiles

5. H. Belay, S.C. Aredo, E.Y.Menta, Y.Astatke , F. Moazzami, D. Woldegebreal “Energy Efficient Adaptive Sector Based User Clustering Algorithm for Cellular Network” *to be presented at the 52nd International Telemetry Conference (ITC), Nov. 2016, Phoenix, AZ.*
6. H. Belay, T.K. Endga, S.C. Aredo, E.Y.Menta, D. Hailemariam, Y.Astatke , F. Moazzami, “Evaluation of Spectral vs. Energy Efficiency tradeoff considering transmission reliability in Cellular Network” *to be presented at the 52nd International Telemetry Conference (ITC), Nov. 2016, Phoenix, AZ.*
7. H. Belay, S.C. Aredo, E.S.Menta, D. Hailemariam, Y.Astatke , F. Moazzami, “Last User Sensitive Adaptive Sector Based User Clustering for Energy Efficient Cellular Network” submitted to 37th IEEE SARNOFF Symposium, NJ, September 2016
8. H. Belay, S.C. Aredo, E.S.Menta, D. Hailemariam, Y.Astatke , F. Moazzami, W. Zegeye, “Linear Radius User Clustering Algorithm for Energy Efficient Cellular Network” submitted to 37th IEEE SARNOFF Symposium, NJ, September 2016
9. H. Belay Kassa, Y.Astatke, F. Moazzami} , D. Hailemariam, “Energy Efficiency Evaluation in Downlink Cellular Communication Networks” *in proceedings of IEEE AFRICON 2015, Sep. 2015, Addis Ababa, Ethiopia.*
10. D. Giri, F. Moazzami, R. Dean, “Flight Path Simulation in LabVIEW using LDAR”, *” in proceedings of the 51st International Telemetry Conference (ITC), Oct. 2015, Las Vegas, NV.*
11. David Oyediran, F. Moazzami, “Spectrum Sharing: Overview and Challenges of Small Cells Innovation in the Proposed 3.5 GHz Band,” *” in proceedings of the 51st International Telemetry Conference (ITC), Oct. 2015, Las Vegas, NV.*
12. N. Bazyar Shourabi, F. Moazzami, R. Dean, “A Model for Cyber Attack Risks in Telemetry Networks,” *” in proceedings of the 51st International Telemetry Conference (ITC), Oct. 2015, Las Vegas, NV.*
13. W. K. Zegeye, F. Moazzami, R. Dean. Y. Astatke, “Exploiting Bluetooth Low Energy Pairing Vulnerability in Telemedicine,” *” in proceedings of the 51st International Telemetry Conference (ITC), Oct. 2015, Las Vegas, NV.*
14. Arya Golriz, Nur Jaber, Farzad Moazzami, Richard Dean, “A high Assurance Firewall in a Cloud Environment Using Hardware and Software” *in proceedings of the 51st International Telemetry Conference (ITC), Oct. 2015, Las Vegas, NV.*
15. Felix Shonubi, Ciara Lynton, Joshua Odumosu, Daryl Moten, Dr. Richard Dean, Dr. Farzad Moazzami and Dr. Yacob Astatk, “Exploring Vulnerabilities in Networked Telemetry,” *” in proceedings of the 51st International Telemetry Conference (ITC), Oct. 2015, Las Vegas, NV.*
16. Farzad Moazzami, Richard Dean, “Security Architecture for Telemetry Networks”, *Journal of Network and Information Security*, Volume 2, Issue 2, pp. 18-24. Dec 2014, Print.
17. Arlene Cole-Rhodes, Henry Umuolo, Farzad Moazzami, Michael Rice, "A Block Processing Approach to CMA Equalization of SOQPSK for Aeronautical Telemetry," *Military Communications Conference (MILCOM), 2014 IEEE* , vol., no., pp.440,444, 6-8 Oct. 2014 doi: 10.1109/MILCOM.2014.79
18. M. Rice, M. Saquib, M.S. Afran, A. Cole-Rhodes, F. Moazzami, "On the Performance of Equalization Techniques for Aeronautical Telemetry," *Military Communications Conference (MILCOM), 2014 IEEE*, vol., no., pp.456, 461, 6-8 Oct. 2014 doi: 10.1109/MILCOM.2014.82
19. D. Moten, S. Jambureskan, R. Dean, F. Moazzami, “Security Architecture for Telemetry Networks”, *in proceedings of 50th International Telemetry Conference(ITC), Oct. 2014, San Diego, CA.*
20. H. Belay Kassa, D. H. Mariam, F. Moazzami, Y. Astatke,"Energy Efficient Water-Filling Algorithm for MIMO-OFDMA Cellular System," *in proceedings of 50th International Telemetry Conference (ITC), Oct. 2014, San Diego, CA.*
21. T. Pun, D. Giri, F. Moazzami, R. Dean, A. Cole-Rhodes. "Link Dependent Adaptive Radio Simulation," *in proceedings of 50th International Telemetry Conference (ITC), Oct. 2014, San Diego, CA.*

Morgan State University Faculty Research Profiles

22. A.Cole-Rhodes, H. Umuolo, F. Moazzami, M. Rice, "Real-time CMA Equalization of SOQPSK for Aeronautical Telemetry," in *proceedings of 50th International Telemetry Conference (ITC), Oct. 2014, San Diego, CA.*
23. H. Umuolo, H. Betelle, S. Thang, A. Cole-Rhodes, F. Moazzami, "Evaluation of Effect of CMA Radius on SOQPSK Equalization," in *proceedings of 50th International Telemetry Conference (ITC), Oct. 2014, San Diego, CA.*
24. Y. Astatke, F. Moazzami, C. Scott, Ladeji-Osias, "Using Online Video Lectures and Video Conferencing Software to Enhance Engineering Courses", in *the proceedings of the 2013 Mid-Atlantic Section Conference of the American Society for Engineering Education.*
25. Farzad Moazzami, Richard A. Dean, Yacob Astatke, "Use of K-means clustering for spectrum efficiency in complex networks," *47th Annual Conference on Information Sciences and Systems (CISS), 2013*, vol., no., pp.1,3, 20-22 March 2013
doi: 10.1109/CISS.2013.6624259
26. Farzad Moazzami, Yacob Astatke, "Unwrapping multiple co-channel interference signals," *47th Annual Conference on Information Sciences and Systems (CISS), 2013* vol., no., pp.1,3, 20-22 March 2013 doi: 10.1109/CISS.2013.6624260
27. S. Khanal, C. Lynton, R. Dean, and F. Moazzami, "Packet Simulation of DDOS Attack and Recovery," in *proceedings of 49th International Telemetry Conference (ITC), Oct. 2013, Las Vegas NV.*
28. D. Moten, F. Moazzami, and R. Dean. "Telemetry Network Intrusion Detection Test Bed," in *proceedings of 49th International Telemetry Conference (ITC), Oct. 2013, Las Vegas NV.*
29. S. Kone Dossongui, O.Opasina, H. Umuolo, H. Betelle, S.Thang, R. Shrestha, A. Cole-Rhodes, and F. Moazzami, "Evaluation of CMA+AMA Equalization for SOQPSK Modulation in Aeronautical Telemetry," in *proceedings of 49th International Telemetry Conference (ITC), Oct. 2013, Las Vegas NV.*
30. M. Elrais, B. Mengiste, B.Guatam, E. Damiba, F. Moazzami, A. Cole-Rhodes, and R. Dean. "Variable rate OFDM performance on aeronautical channel," in *proceedings of 49th International Telemetry Conference (ITC), Oct. 2013, Las Vegas NV.*
31. F.Moazzami, R. Dean, and Y.Astatke. "Optimal location for a mobile base station," in *proceedings of 49th International Telemetry Conference (ITC), Oct. 2013, Las Vegas NV.*
32. F. Moazzami, Y. Astatke, and R. Dean, "Successive Co-Channel Interference Cancellation with Blind Channel Estimation," in *World Scientific and Engineering Academy and Society (WSEAS) transaction on Signal Processing, Sep. 2013, Baltimore, MD.*
33. F. Moazzami, S. Ullah and Y. Astatke, "Performance Evaluation of GMSK Modulation in Multipath Channels," in *World Scientific and Engineering Academy and Society (WSEAS) transaction on Signal Processing, Sep. 2013, Baltimore, MD.*
34. J. Howard and F. Moazzami, "Developing Fundamentals for Eye Position Recognition Systems," in *World Scientific and Engineering Academy and Society (WSEAS) transaction on Signal Processing, Sep. 2013, Baltimore, MD.*
35. C. Scott, Y. Astatke, P. James, K. Nyarko, J. Ladeji-Osias, F. Moazzami, L. Partlow, "Changing the Dynamic of Engineering Education Through Technological Advancements in Classroom Training Tools", in *the proceedings of the 18th annual Sloan consortium international conference on online learning. Oct. 2012, Lake Buena Vista, FL.*
36. J. Fofanah, F. Moazzami, R. Dean, "Spectrum Management in Telemetry Networks," in *proceedings of 48th International Telemetry Conference (ITC), Oct. 2012, San Diego, CA.*
37. N. Maharjan and P. Moazzemi, F. Moazzami, R. Dean, "Telemetry Network Intrusion Detection System," in *proceedings of 48th International Telemetry Conference (ITC), Oct. 2012, San Diego, CA.*
38. W. Assegu and I. Fofanah, F.Moazzami, R. Dean, "Performance of Turbo Coded OFDM Modulation over an Aeronautical Channel," in *proceedings of 48th International Telemetry Conference (ITC), Oct. 2012, San Diego, CA.*

Morgan State University Faculty Research Profiles

39. Farzad Moazzami, Arlene Cole-Rhodes, "A blind symbol synchronization algorithm using adaptive equalizers," *45th Annual Conference on Information Sciences and Systems (CISS), 2011*, vol., no., pp.1,4, 23-25 March 2011 doi: 10.1109/CISS.2011.5766204
40. Farzad Moazzami, Arlene Cole-Rhodes, "Multistage MIMO approach to interference cancellation," *45th Annual Conference on Information Sciences and Systems (CISS), 2011*, vol., no., pp.1, 4, 23-25 March 2011 doi: 10.1109/CISS.2011.5766206
41. Farzad Moazzami, Arlene Cole-Rhodes, "Multistage blind equalization in time-varying MIMO systems," *45th Annual Conference on Information Sciences and Systems (CISS), 2011*, vol., no., pp.1, 5, 23-25 March 2011 doi: 10.1109/CISS.2011.5766205
42. Farzad Moazzami, "Capacity Enhancement in Aeronautical Channels by MIMO Technology," in *proceedings of 47th International Telemetry Conference (ITC), Oct. 2011, Las Vegas NV.*
43. I. Fofanah, W. Assegu, F. Moazzami, R. Dean, A. Cloe-Rhodes "Delay Spread Characterization of the Aeronatical Channel," in *proceedings of 47th International Telemetry Conference (ITC), Oct. 2011, Las Vegas NV.*
44. Arlene Cole-Rhodes, Ermias Shiferaw, Farzad Moazzami, "Effect of spatial correlation on blind source separation in MIMO systems," *44th Annual Conference on Information Sciences and Systems (CISS), 2010*, vol., no., pp.1,6, 17-19 March 2010 doi: 10.1109/CISS.2010.5464882
45. Farzad Moazzami, Arlene Cole-Rhodes, "Application of a blind channel estimator for source separation in MIMO systems," *44th Annual Conference on Information Sciences and Systems (CISS), 2010*, vol., no., pp.1,6, 17-19 March 2010 doi: 10.1109/CISS.2010.5464896
46. Farzad Moazzami, Arlene Cole-Rhodes, "Blind source separation with CMA+AMA equalizer over correlated MIMO channels," *Military Communications Conference, 2009. MILCOM 2009. IEEE*, vol., no., pp.1, 7, 18-21 Oct. 2009 doi: 10.1109/MILCOM.2009.5379937
47. Farzad Moazzami, Arlene Cole-Rhodes, "An adaptive blind equalizer with signal separation for a MIMO system transmitting QAM signals," *Military Communications Conference, 2008. MILCOM 2008. IEEE*, vol., no., pp.1, 5, 16-19 Nov. 2008 doi: 10.1109/MILCOM.2008.4753271

Morgan State University Faculty Research Profiles

Robert Morrow
Associate Professor – Department of History & Geography

MSU Campus
Office: Holmes Hall, Room 322
Phone: 443-885-1784
E-mail: robert.morrow@morgan.edu



Education:

Ph.D. History - Univ. of Maryland, College Park
M.A. History - Univ. of Maryland, College Park
M.P.A. - American Univ.
B.A. History - College of Wooster (OH)

Research Interests:

Post-1945 America; media; public broadcasting; cultural & intellectual history

Recent and Selected Publications:

Seasame Street and the Reform of Children's Television (Johns Hopkins UP, 2005).
"Nationalizing American Radio: Anti-Monopoly, Nationalism, and the First Alexander Bill, 1915 - 1917," *Journal of Radio & Audio Media* 18:1 (May 2011): 17 - 32.

Morgan State University Faculty Research Profiles

Linda Noel
Associate Professor – Department of History & Geography

MSU Campus
Office: Holmes Hall, Room 325
Phone: 443-885-1792
E-mail: linda.noel@morgan.edu



Research Interests:

U.S. history from the colonial era to the early 20th century; slavery and emancipation, U.S. Civil War, immigration/migration; and social and cultural history

Recent and Selected Publications:

Debating American Identity: Southwestern Statehood and Mexican Immigration (Univ. of Arizona Press, 2014).

"Strange Bedfellows: American Growers and Mexican Immigrants Promote the Image of a Temporary Worker in the United States," *Monde(s), Histoire, Espace, Relations* (June 2013): 213-236.

"Puerto Ricans" and "Annexation of Hawaii," in *Multicultural America*, eds. C.E. Cortes and J.G. Golson (SAGE, 2013).

"'I am an American': Anglos, Mexicans, *Nativos*, and the National Debate over Arizona and New Mexico Statehood," *Pacific Historical Review* 80:3 (Aug 2011): 430-467. [Winner of Michael P. Malone Award, Western History Association, 2013]

Book reviews in: *Canadian Journal of History*, *History: Reviews of New Books*, *The Latin Americanist*, *Pacific Historical Review*, and *Material Culture: The Journal of the Pioneer America Society*.

Morgan State University Faculty Research Profiles

Simon Nyaga
Assistant Professor – Biology Department

MSU Campus
Office: Dixon, Room 213
Phone: 443-885-3636
E-mail: simon.nyaga@morgan.edu



Education:

Ph.D., Molecular Biology/Biochemistry (1998): The University of Texas Medical Branch at Galveston (UTMB)
B.S., Biology (Honors): 1992, Texas Southern University, Houston, TX

Research Interests:

Understanding the molecular mechanisms of DNA damage repair and the role of oxidatively-induced DNA damage in the etiology of cancers of the breast, pancreas and prostate.

Recent and Selected Publications:

Nyaga SG, Lohani A, Evans MK. Deficient repair of 8-hydroxyguanine in the BxPC-3 pancreatic cancer cell line. *Biochem Biophys Res Commun.* 2008 Nov 14;376(2):336-40. doi: 10.1016/j.bbrc.2008.08.134. Epub 2008 Sep 5. PubMed PMID: 18774780; PubMed Central PMCID: PMC2699024.

Nyaga SG, Jaruga P, Lohani A, Dizdaroglu M, Evans MK. Accumulation of oxidatively induced DNA damage in human breast cancer cell lines following treatment with hydrogen peroxide. *Cell Cycle.* 2007 Jun 15;6(12):1472-8. Epub 2007 Apr 13. PubMed PMID: 17568196.

Rodriguez H, Jaruga P, Leber D, Nyaga SG, Evans MK, Dizdaroglu M. Lymphoblasts

Morgan State University Faculty Research Profiles

of women with BRCA1 mutations are deficient in cellular repair of 8,5'-Cyclopurine-2'-deoxynucleosides and 8-hydroxy-2'-deoxyguanosine. *Biochemistry*. 2007 Mar 6;46(9):2488-96. Epub 2007 Feb 9. PubMed PMID: 17288454.

Nyaga SG, Lohani A, Jaruga P, Trzeciak AR, Dizdaroglu M, Evans MK. Reduced repair of 8-hydroxyguanine in the human breast cancer cell line, HCC1937. *BMC Cancer*. 2006 Dec 27;6:297. PubMed PMID: 17192190; PubMed Central PMCID: PMC1770930.

Trzeciak AR, Nyaga SG, Jaruga P, Lohani A, Dizdaroglu M, Evans MK. Cellular repair of oxidatively induced DNA base lesions is defective in prostate cancer cell lines, PC-3 and DU-145. *Carcinogenesis*. 2004 Aug;25(8):1359-70. Epub 2004 Mar 25. PubMed PMID: 15044326.

Stevnsner T, Nyaga S, de Souza-Pinto NC, van der Horst GT, Gorgels TG, Hogue BA, Thorslund T, Bohr VA. Mitochondrial repair of 8-oxoguanine is deficient in Cockayne syndrome group B. *Oncogene*. 2002 Dec 12;21(57):8675-82. PubMed PMID: 12483520.

Nyaga SG, Bohr VA. Characterization of specialized mtDNA glycosylases. *Methods Mol Biol*. 2002;197:227-44. PubMed PMID: 12013799.

Mambo E, Nyaga SG, Bohr VA, Evans MK. Defective repair of 8-hydroxyguanine in mitochondria of MCF-7 and MDA-MB-468 human breast cancer cell lines. *Cancer Res*. 2002 Mar 1;62(5):1349-55. PubMed PMID: 11888904.

Selzer RR, Nyaga S, Tuo J, May A, Muftuoglu M, Christiansen M, Citterio E, Brosh RM Jr, Bohr VA. Differential requirement for the ATPase domain of the Cockayne syndrome group B gene in the processing of UV-induced DNA damage and 8-oxoguanine lesions in human cells. *Nucleic Acids Res*. 2002 Feb 1;30(3):782-93. PubMed PMID: 11809892; PubMed Central PMCID: PMC100288.

Morgan State University Faculty Research Profiles

Kofi Nyarko
Associate Professor – Electrical & Computer Engineering Department

MSU Campus
Office: SEB, Room 223
Phone: 443-885-3476
E-mail: kofi.nyarko@morgan.edu



Personal Statement:

Dr. Nyarko is an Associate Professor in the Department of Electrical and Computer Engineering at Morgan State University (MSU). He also serves as Director of the Engineering Visualization Research Laboratory (EVRL). He has conducted research for MSU since 2005, consecutively under the titles of Research Engineer, Director, and finally Associate Professor. Dr. Nyarko has over 15 years of software engineering experience. As a Research Engineer, Dr. Nyarko worked under the Chesapeake Information Based Aeronautics consortium (CIBAC) with engineers at NASA Langley on various projects involving aviation safety. Under his direction, the Engineering Visualization Research Laboratory has acquired and conducted research, in excess of \$10M, funded from the Department of Defense, Department of Energy, Army Research Laboratory, NASA and Department of Homeland Security along with other funding from Purdue University's Visual Analytics for Command, Control, and Interoperability Environments (VACCINE), a DHS Center of Excellence. After receiving his doctorate from Morgan State University, Dr. Nyarko worked as an independent Software Engineer with contracts involving computational engineering, scientific/engineering simulation & visualization, visual analytics, complex computer algorithm development, computer network theory, machine learning, mobile software development, and avionic system software development. He also served as Adjunct Faculty for University of Baltimore's Department of Science, Information Arts and Technologies.

Education:

D.Eng. Morgan State University
M.S. Morgan State University
B.S. Morgan State University

Research Interests:

1. Scientific/Engineering Simulation & Visualization

Morgan State University Faculty Research Profiles

2. Visual Analytics
3. Complex Computer Algorithm Development
4. Cyber security
5. Mobile Computing Design and Development
6. Natural User Interface Technologies
7. Avionic Systems Design & Development
8. Autonomous Navigation for Unmanned Aerial/Ground Systems
9. Computer Vision
10. Machine Learning

Publications and Professional Output

Chapter Contributions

1. K. Nyarko and C. Wright-Brown, “Software as a Service” in *Cloud Computing Service and Deployment Models: Layers and Management*. A. Bento and A. K. Aggarwal, IGI Global, 2012, <http://www.igi-global.com/chapter/software-service-saas/70134>
2. K. Peters, C. Wright-Brown, K. Nyarko, “Conclusion: Perspectives on Effective Collaborative STEM Research Experiences Linked to DHS Centers of Excellence (COE)”, in *Cloud Computing Service and Deployment Models: Layers and Management*. A. Bento and A. K. Aggarwal, IGI Global, 2012, <http://www.igi-global.com/chapter/software-service-saas/70134>
3. T. Akers and K. Nyarko, “Visual Analytics for Students and Teachers (VAST) Model at a Minority Serving Institution” in *Cases on Research and Knowledge Discovery: Homeland Security Centers of Excellence*. C. Wright-Brown, K. Peters, K. Nyarko, IGI Global, 2013, <http://www.igi-global.com/book/cases-research-knowledge-discovery/97263>

Edited Books

4. C. Wright-Brown, K. Peters, K. Nyarko, *Cases on Research and Knowledge Discovery: Homeland Security Centers of Excellence*, IGI Global, 2013, ISBN13: 9781466659469

Refereed Journal Publications

5. C. Scott, J. Ladeji-Osias, K. Nyarko, “A Performance Assessment Framework for Measuring Online Student Learning Outcomes”, *Computer in Education Journal*, 2013
6. A. Amarsingh, K. Nyarko, C. Brown-LaViest, “Real Time Object Tracking: Using Graph Edit and Video Analyst”, *Journal of Management and Engineering Integration*, 2011
7. S. Small, K. Nyarko, C. Scott, “Reduction of Jitter within Optical Tracking Data through an In-depth Survey of Smoothing Techniques” *SAE Int. J. Aerospace*. **1**(1): 685-693, 2008
8. K. Nyarko, C. Scott, T. Capers, J. Ladeji-Osias, “Network intrusion visualization with NIVA, an intrusion detection visual and haptic analyzer”, *Journal of Information Visualization*, 2003
9. C. Scott, K. Ladeji-Osias, K. Nyarko, T. Capers, “The Development and Implementation of EM-Viz, a 3D Undergraduate Electromagnetic Engineering Visualization Application, with an Assessment of It’s Relative Efficacy for Minority Visual Literacy and Achievement”, *Computer in Education Journal*, Vol. XIV NO. 3, 2004

Conference Publications

10. Kofi Nyarko ; Clayton Thomas ; Gilbert Torres; “A robust close-range photogrammetric target extraction algorithm for size and type variant targets”, . Proc. SPIE 9844, Automatic Target Recognition XXVI, 984403 (May 12, 2016); doi:10.1117/12.2221918.

Morgan State University Faculty Research Profiles

11. Kofi Nyarko ; Christian Emiyah ; Samuel Mbugua; “Building occupant and asset localization and tracking using visible light communication”. Proc. SPIE 9844, Automatic Target Recognition XXVI, 98440B (May 12, 2016); doi:10.1117/12.2224089.
12. R. Etoty, K. Nyarko, R. Erbacher, C. Wright-Brown, “Validating the Use of Student Subjects for Empirical Studies: Expert vs. Non-Expert Participation with Computer Network Defense (CND) Analysts' Displays”, *IEEE International Symposium on Technologies for Homeland Security*, April 2015, Boston, USA
13. C. Thomas, G. Wilkins, K. Nyarko, J. Ladeji-Osias, “Wavefront Topology System and Finite Element within Semi-Immersive Environment”, *Proceedings of World Scientific and Engineering Academy and Society*, September 2013, Baltimore, USA
14. K. Nyarko, C. Scott, J. Ladeji-Osias, “Haptic Nanomanipulation within Semi-Immersive Environment”, *Proceedings of World Scientific and Engineering Academy and Society*, September 2013, Baltimore, USA
15. K. Nyarko, C. Emiyah, “A Low Cost Demonstration Platform for Reducing Energy Consumption by Regulating Building Controls through VLC”, *Proceedings of World Scientific and Engineering Academy and Society*, September 2013, Baltimore, USA
16. P. James, C. Scott, J. Ladeji-Osias, L. Partlow, K. Nyarko, “A Performance Assessment Framework for Measuring Online Student Learning Outcomes”, 120th ASEE Annual Conference & Exposition, Atlanta, June 23-26, 2013
17. K. Nyarko, C. Wright-Brown, “Cloud Based Passive Building Occupancy Characterization for Attack and Disaster Response”, *Proceedings of IEEE International Conference on Technology for Homeland Security*, November 2013, Massachusetts, USA
18. C. Wright-Brown, K. Nyarko, K. Peters, “Information Technology, Engineering (ITE) Professional Development Training Program”, *Proceedings of IEEE Global Engineering Education Conference*, March 2013, Berlin, Germany
19. E. Techeimegni, K. Nyarko, C. Turner, “Application Of The Relevance Vector Machine And Support Vector Machine To Clinical Data”, *Proceedings of MASAUM International Conference on Information Technology*, Dubai, United Arab Emirates, January 2013
20. E. Techeimegni, K. Nyarko, C. Turner, “Bayesian Approach to Cyberspace Attack Prediction using SVM and RVM”, *Proceedings of MASAUM International Conference on Information Technology*, Dubai, United Arab Emirates, January 2013
21. C. Wright-Brown, K. Nyarko, D. Karimou, H. Saliah-Hassane, “A Depopulation Embedded System Model in Urban Environments”, *Proceedings of Technologies for Homeland Security*, Waltham, MA, November 2012
22. R. Dukes, K. Nyarko, J. Ladeji-Osias, “Detecting Airport Runways using Image Processing Techniques,” *Proceedings of Fall ASEE Middle Atlantic Section Conference*, Temple University, 2011.
23. C. Wright-Brown, K. Nyarko, K. Peters, “Inspiring Women in Science and Engineering (WISE)”, *Proceedings of Fall ASEE Middle Atlantic Section Conference*, Temple University, 2011.
24. Amarsingh, K. Nyarko, C. Brown-LaViest, “Real Time Object Tracking: Using Graph Edit and Video Analyst”, *Journal of Management and Engineering Integration*, 2011
25. Wright Brown, K. Nyarko, K. Peters, “A Model University Program to Inspire Women in Science and Engineering”, *Proceedings of ASEE Middle Atlantic Section Fall Conference*, October 28-29, 2011
26. Wright-Brown, K. Nyarko “Anti-Terrorism Evacuation Model of a Magnetic Levitation Train in an Urban Environment”, in *Proceedings of the IEEE International Conference on Technologies for Homeland Security*, Waltham, MA, 15 – 17 November, 2011

Morgan State University Faculty Research Profiles

27. K. Nyarko, C. Wright-Brown, S. Small, “Maglev Train Evacuation and Simulation Model for Depopulation in Urban Areas”, in *Proceedings of the National Technical Association Conference*, Washington, D.C., 14 – 16 September, 2011
28. Thiam, K. Nyrko, “Reducing Operator Cognitive Load through Touchscreen Haptic Integration”, in *Proceedings of the National Technical Association Conference*, Washington, D.C., 14 – 16 September, 2011
29. O. Emiola, K. Nyarko, “Natural User Interface for Control and Interaction in a Virtual Environment using Microsoft’s Kinect for XBOX 360”, in *Proceedings of the National Technical Association Conference*, Washington, D.C., 14 – 16 September, 2011
30. R. Ogunsalu, “Byte Tag Implementation for Link Analysis and Management with the Microsoft Surface”, in *Proceedings of the National Technical Association Conference*, Washington, D.C., 14 – 16 September, 2011
31. V. Coles, K. Nyarko, “Relating Social Network Data Towards Link Visualization for Mission Planning”, in *Proceedings of the National Technical Association Conference*, Washington, D.C., 14 – 16 September, 2011
32. W. Barnes, K. Nyarko “Manipulating Node Properties for Link Visualization Tool On Microsoft Surface”, in *Proceedings of the National Technical Association Conference*, Washington, D.C., 14 – 16 September, 2011
33. Mr. Anim Amarsingh. Dr. Kofi Nyarko. Ms. Cynthia Brown-LaVeist "Real Time Object Tracking: Using Graph Edit and Video Analyst" March 28-30, 2011, 17TH International Conference on Industry, Engineering & Management Systems, Cocoa Beach, Florida.
34. S. Small, K. Nyarko, C. Scott, “Reduction of Jitter within Optical Tracking Data through an In-depth Survey of Smoothing Techniques” *SAE Int. J. Aerospace*. 1(1): 685-693, 2008
35. S. Small, K. Nyarko, C. Scott, “An Analysis of Smoothing Algorithms on Signal Jitter in Optical Tracking Data”, *Proceedings of AIAA Aerospace Sciences Meeting and Exhibit*, Reno, NV, January 8 – 11, 2007
36. S. Small and K. Nyarko, “Investigation of Signal Jitter in COTS Optical Tracking Devices for use with Synthetic Vision Systems”, *Proceedings of AeroTech Congress & Exhibition*, Los Angeles, CA, September 2007
37. Nyarko, K. Nare, O. Scott, C. Ladeji-Osias, J. (2006) 'An Approximate Graph Matching Technique for Integrity Monitoring in Integrated Intelligent Flight Deck Applications', in *Proceedings of the General Aviation Technology Conference & Exhibition*, Wichita, Kansas, 29-31 August, 2006.
38. Nyarko, K. Ladeji-Osias, J. Scott, C. (2006) 'A Graph Based Method of Integrity Monitoring of Digital Elevation Models for Synthetic Vision Systems Using X-Band Weather Radar Measurements', in Kostek, P., chair, *Proceedings of the 25th Digital Avionics Systems Conference*, Portland, Oregon, 15-19 October, 2006.
39. Nyarko, K. Scott, C. Ladeji-Osias, J. Nare, O. (2006) 'Integrity Monitoring of Digital Elevation Models for Synthetic Vision Systems Using Approximate Graph Matching Techniques and X-Band Weather Radar Measurements', in Arabnia, H.R., ed., *Proceedings of the 2006 International Conference on Real-Time Computing Systems & Applications*, Las Vegas, Nevada, 26-29 June, 2006, CSREA Press, 977-983.
40. L. Biddle, T. Hall, “Implementation of an Integrated Intelligent Flight Deck Test Bed”, in *Proceedings of National Technical Associations*, Chicago Illinois, 26 – 29, July, 2006
41. Jumoke Ladeji-Osias, Andre Theobalds, Otsebele Nare, Thierry Wandji, Craig Scott, Kofi Nyarko. “Implementing a Shadow Detection Algorithm for Synthetic Vision Systems in Reconfigurable Hardware”, *Proceedings of the SPIE*, Vol. 6226, 2006.
42. C. Scott, K. Nyarko, T. Capers, J. Ladeji-Osias, “*Network intrusion visualization with NIVA, an intrusion detection visual and haptic analyzer*”, *Information Visualization* (2003)
43. C. Scott, J. Ladeji-Osias, T. Capers, K. Nyarko, “*The Development and Implementation of EM-Viz, a 3D Undergraduate Electromagnetic Engineering Visualization Tool, with an*

Morgan State University Faculty Research Profiles

- Assessment of its Relative Efficacy for Minority Visual Literacy and Achievement*”, Proceedings of 2003 ASEE Annual Conference, June 25, 2003
44. C. Scott, K. Nyarko, T. Capers, J. Ladeji-Osias, “*Network Representation and Intrusion Visualization of Tactical Ad Hoc Mobile Networks*”, Proceedings of CTA Communications and Networks Conference, April 29, 2003

Invited Talks and Workshops

45. K. Nyarko, T. Akers, K. Peters, S. Small, “*VACCINE MSI Faculty Training Workshop*”, Coordinators, Morgan State University, July 2014
46. K. Nyarko, “*VACCINE MSI Faculty Training Workshop*”, Participant, Jackson Sate, July 2013
47. K. Nyarko, “*Intelligent Building Operation Workshop*”, Presenter, Boulder Colorado, June 19, 2013
48. R. Etoty, K. Nyarko, “*Whole Building Occupancy Tracking for Intelligent Building Operations*”, Poster Presentations, EEB Hub Building syEnergy Spring 2013
49. C. Scott, P. James, J. Ladeji-Osias, K. Nyarko, L. Partlow, and F. Moazzami, “*Changing the Dynamic of Engineering Education through Technological Advancements in Classroom Training Tools*”, Presenters, *Sloan-C ALN*, 2012
50. T Akers, K. Nyarko, and B.Hall, “*Baltimore’s App for Neighborhood indicator Data (BANID)*”, *Baltimore Data Day 2012: Shared Visions, Shared Indicators*, University of Baltimore, Baltimore, MD, July 13, 2012
51. Kofi Nyarko, “*Interactive Course Assessment with SearchLight Performance Analytics*”, Morgan State University Faculty Institute, Fall 2010
52. K. Nyarko, C. Scott, “*Visualization of Mobile Ad-Hoc Networks*”, U.S. Army Research Laboratory Collaborative Technology Alliances Conference, University of Maryland Conference Center, May 31 – June 3, 2005
53. Tanya Capers, Kofi Nyarko, Jumoke Ladeji-Osias, Damian Watkins, and Craig Scott, “*A Multimodal Framework for Network Intrusion Analysis*”, Workshop on Statistical and Machine Learning Techniques in Computer Intrusion Detection, 24-26th September, 2003
54. K. Nyarko, C. Scott, “*Network Representation and Intrusion Visualization of Tactical Ad Hoc Mobile Networks*”, CTA C&N 2003 Annual Symposium, University of Maryland Conference Center, April 29 – May 1, 2003.
55. “*Network Intrusion Visualization with NIVA, an Intrusion Detection Visual Analyzer with Haptic Integration*,” 10th International Symposium on Haptic Interfaces for Virtual Environment and Teleoperator Systems, 24-25 March 2002
56. “*AVS/Express Tracking with ImmersaDesk Hardware*,” Super Computing 98, September 1998

White Papers

57. K. Nyarko, A. Thiam, “*Developing an Automated Topic Detection Engine*”, White Paper, Decision Engine for Structured and Unstructured Data, TRMC, August 2014
58. K. Nyarko, C. Thomas, “*Efficeint Feature Detection and Extraction with Time Complexity Reduction Techniques*”, White Paper, Decision Engine for Structured and Unstructured Data, TRMC, August 2014
59. K. Nyarko, “*COMET Link Visualization on the Microsoft Surface*”, White Paper, Engineering Visualization Research Lab, Morgan State University, July 2011
60. C. White, A. Sweets, W. Thompson, K. Nyarko, “*MSU Unmanned Systems Integration Laboratory (MUSIL)*”, Morgan State University, April 2011

Morgan State University Faculty Research Profiles

61. K. Nyarko, “*Gesture Based Control of UAV*”, Engineering Visualization Research Lab, Morgan State University, April 2011
62. K. Nyarko, “*Visual Analytics for the Smart Grid*”, White Paper, Wise Grid LLC, May 2010
63. K. Nyarko, C. Scott, “*COMET Link Analysis and Management Tool*”, White Paper, Engineering Visualization Research Lab, Morgan State University, April 2010
64. K. Nyarko, “*Enhancing Decision Making through Battlespace Visual Analytics*”, Engineering Visualization Research Lab, Morgan State University, October 2010
65. K. Nyarko, “*A Visual Analytical Approach to Cyber Security*”, White Paper, Engineering Visualization Research Lab, Morgan State University, January 2010
66. D. Watkins, K. Nyarko, C. Scott “*Predictive Analysis and Data Mining Techniques to Enhance Real-Time Visualization of Network Security Threats*”, Engineering Visualization Research Lab, Morgan State University, January 2010
67. K. Nyarko and T. Capers, “*Random Neural Network Based Stereo Image Pair Compression with Disparity Compensation Using MRFBIS-VBSBM Technique*”, White Paper , Engineering Visualization and Semiconductor Characterization Lab, Morgan State University, May 2001
68. K. Nyarko and T. Capers, “*Random Neural Network Based Stereo Image Pair Compression with Disparity Compensation Using MRFBIS-VBSBM Technique*”, White Paper , Engineering Visualization and Semiconductor Characterization Lab, Morgan State University

Publicly Available Reports

69. K. Nyarko, “iLaw Enforcement Apps Assistance Program for Students (iLEAPS)”, Annual Reports, DHS Visual Analytics for Command, Control, and Interoperability Environments, 2013 - 2014
70. K. Nyarko, S. Mbugua, C. Emiyah, “Building Occupancy Localization and Tracking with Visible Light Communication”, Annual Reports, NSF Smart Lighting Energy Research Center, 2012 - 2014
71. K. Nyarko, “Low Cost Whole Building Occupancy Sensing”, DoE Energy Efficient Building Hub, Annual Reports, 2012 - 2014
72. K. Nyarko, S. Small, C. Thomas, L. Partlow, “*Decision Engine for Structured and Unstructured Data*”, Monthly Reports, DoD Test Resource and Management Center Contract, 2013-2014
73. K. Nyarko, C. Scott, “*COMET Link Visualization on the Microsoft Surface, Project Closeout Report*”, November, 2012

Intellectual Property Disclosures

74. K. Nyarko, C. Emiyah, S. Mbugua, “*Building Occupant Tracking with Visible Light Communication Sequential Relay Messaging and Lighting Modules*”, Office of Research & Economic Development, Morgan State University, October 21, 2013
75. K. Nyarko, T. Akers, “*iLaw Enforcement App Assistance Program for Students*”, Office of Research & Economic Development, Morgan State University, April 25, 2013
76. K. Nyarko, C. Scott, “*Airport Conflict Scenario Simulator*”, Office of Research & Economic Development, Morgan State University, August 9, 2011
77. K. Nyarko, C. Scott, “*The Nanoexplorer*”, Office of Research & Economic Development, Morgan State University, April 1, 2004

Copyrights

78. K. Nyarko, C. Wright-Brown, “*All Things Homeland Security Android Application*”, November 11, 2013
79. K. Nyarko, C. Wright-Brown, “*K-VAC Emergency Evacuation Simulator*”, August 30, 2011

Software Applications Developed

80. “SearchLight, Online Performance Assessment”, K&K Analytics, 2014
81. “All Things Homeland Security Mobile App”, K&K Analytics, 2013
82. “iHelps, Aids Awareness Mobile App”, K&K Analytics, 2013

Morgan State University Faculty Research Profiles

83. "iLEAPS Campus Security Mobile App", Morgan State University, 2013
84. "Link Visualization Tool", Morgan State University, 2012
85. "Airport Traffic Conflict Scenario Simulator", NASA Langley, Morgan State University, 2007
86. "K-Vac, Population Evacuation Simulator", Morgan State University, 2005
87. "TerrainViz, Terrain Visualization Software", NASA Langley, Morgan State University, 2007
88. "NanoExplorer, Atomic Force Microscopy Visualization", Morgan State University, 2004
89. "EM Viz Electromagnetic Visualization Software", Morgan State University, 2004

Morgan State University Faculty Research Profiles

Anne Marie O'Keefe
Associate Professor – School of Community Health & Policy

MSU Campus
Office: Portage, Room 307
Phone: 443-885-4042
E-mail: anne.okeefe@morgan.edu



Education:

J.D., cum laude, Harvard Law School
Ph.D., M.A., Clinical Psychology, Ohio State University
B.A., Sociology/Psychology, Indiana University

Research Interests:

Tobacco Control

Recent and Selected Publications:

Council KD, Wilson CW, Harris BM, **O'Keefe AM**, Henderson C, Dixon B, Merengwa E, Nwazue E, Weaks F. Improving health services for residents through community-based participatory research: A public housing leadership perspective. *Progress in Community Health Partnerships: Research, Education, and Action*. Spring 2013;7(1):89-93.

Sheikhhattari P, Burke JG, **O'Keefe AM**, Bazargan-Hejazi S. Sustaining relationships between communities and local health systems: Two Northern Iranian villages. *Journal of International Development*. 2012;24(4):433-447.

Hawkins AS, **O'Keefe AM**, James X. Health care access and utilization among ex-offenders in Baltimore: Implications for policy. *Journal of Health Care for the Poor and Underserved*. 2010; 21(2): 649-665.

Morgan State University Faculty Research Profiles

Goldberg ME, Davis RM, **O'Keefe AM**. The role of tobacco advertising and promotion: Themes employed in litigation by tobacco industry witnesses. *Tobacco Control*. 2006;15(Suppl 4):iv54-iv67.

Centers for Disease Control and Prevention. Designing and Implementing an Effective Tobacco Counter-Marketing Campaign. Available at http://www.cdc.gov/tobacco/media_communications/countermarketing/campaign/ (Primary author). USDHHS, NCCDPHP, CDC, OSH, 2006.

O'Keefe AM, Young W, Jordan J, Filler T, et al. ASSIST's Response to the Tobacco Companies: Facing the Opposition. In: ASSIST: Shaping the Future of Tobacco Prevention and Control. *Tobacco Control Monograph No. 16*. Bethesda, MD: USDHHS, NCI, NIH Pub. No. 05-5645, May 2005.

Morgan State University Faculty Research Profiles

Sandip Patel
Associate Professor – Department of Information Science & Systems

MSU Campus
Office: Graves College of Business and Management, Room 568
Phone: 443-885-3836
E-mail: sandip.patel@morgan.edu



Education:

Ph.D., University of Louisville, Kentucky
Master of Science, Georgia Institute of Technology
Bachelor of Engineering from Gujarat University, India

Research Interests:

Security, risk management, and information systems

Recent and Selected Publications:

1. **Patel, S. C.** & Mangle, A. (2015). Models to Teach Security-Questions Improvements. *Southwestern Business Administration Journal*, 15(1), 33-71.
2. Mangle, A. & **Patel, S. C.** (2014). Issues in User Authentication Using Security Questions. *International Journal of Information and Computer Security*, 6 (4), 383-407.
3. **Patel, S. C.**, Bhatt, G., & Emdad, A. (2014). Development of a Simulator for Complex Systems: A Students' Learning Perspective. *American Journal of Information Technology*, 4 (1), 33-49.
4. **Patel, S. C.**, Karanja, E., & Maheshwari, S. K. (2013). Web-based Artificial Intelligence Agents. *DIAS Technology Review, the International Journal of Business and IT*, 9(1), 56-64.
5. Krishnamoorthy, A., **Patel, S. C.**, Shetterly, D. R. , & Maheshwari, S. (2012). Use of Technology in Managing Currency Exchange-Rate Exposure in the Public Sector. *Delhi Business Review*, 13 (2), 17-29.

Morgan State University Faculty Research Profiles

6. Karanja, E. & **Patel, S. C.** (2012). A Review of Research Trends in Strategic Information-Systems Planning. *International Journal of Business Information*, 10(1), 151-177.
7. Thiruvadi, S. & **Patel, S. C.** (2011). Survey of Data-mining Techniques used in Fraud Detection and Prevention. *Information Technology Journal*, 10 (4), 710-716.
8. **Patel, S. C.** & Zaveri, J. (2010). Framework to Assess Financial Cost of Cyber Attacks on Control Systems. *Journal of Digital Business*, 4 (1,2), 36-45.
9. **Patel, S.**, Hieb, J. L. , & Graham, J. H. (2010). Secure Internet-Based SCADA for Monitoring and Control of Industrial Processes. *International Journal of Computers and Their Applications*, 17 (1) 41-51.
10. Bapna, S. & **Patel, S.** (2010). Securing Computerized Models and Data against Integrity Attacks. *International Journal of Electronic Finance*, 4 (4), 343-354.
11. **Patel, S.** & Zaveri, J. (2010). A Risk Assessment Model for Cyber Attacks on Information Systems. *Journal of Computers*, 5 (3), 352-359.
12. **Patel, S. C.** & Graham, J. H. (2010). Proving Correctness of SCADA Security-Enhancement Models. *Journal of Information Systems Security*, 6 (2), 47-67.
13. Patagundi, B., **Patel, S.**, & Viswanath, N. S. (2009). Analysis of Microsoft Client Business Using the Critical-Mass Management Concepts. *International Journal of Business and Management Research*, 2 (1), 4-16.
14. **Patel, S.** & Zu, X. (2009). E-Government-Application Development Using the Six Sigma Approach. *Electronic Government: An International Journal*, 6 (3), 295-306.
15. Hua, J., **Patel, S. C.** , & Zaveri, J. (2009). Securing Business Information Systems from Cyber-Attacks. *Journal of Digital Business*, 3 (1,2), 35-53.
16. **Patel, S. C.**, Bhatt, G. D. , & Graham, J. H. (2009). Improving the Cyber Security of SCADA Communication Networks. *Communications of the ACM*, 52 (7), 139-142.

Morgan State University Faculty Research Profiles

Alexander Pavuk
Assistant Professor – Department of History & Geography

MSU Campus
Office: Holmes Hall, Room 321
Phone: 443-885-1791
E-mail: alexander.pavuk@morgan.edu



Education:

B.A. Colgate University
M.A. History - University of Maryland, Baltimore County
Ph.D., M.A. History - University of Delaware

Research Interests:

Science and religion; American intellectual and cultural history; American religious history

Recent Publications:

"Evolution and Voices of Progressive Catholicism in the Age of the Scopes Trial," *Religion and American Culture* 26:1 (Winter 2016): 101-137.
"Catholic Birth Control? Father John O'Brien, Rhythm, and Progressive American Catholicism in 1930s Contraception Discourse," *U.S. Catholic Historian* 34:1 (Winter 2016): 53-76.
"No Immigrants or Radicals Need Apply: Varieties of Nativism in 1920s America," in *Wiley-Blackwell Companion to Warren G. Harding, Calvin Coolidge, and Herbert Hoover*, ed. K. Sibley (Wiley-Blackwell, 2014).
"History of Science and Religion Today" [review essay], *History: Reviews of New Books* 39:2 (April 2011): 37-40.
"Vaclav Havel" and "Linus Pauling," in *The Modern Age, 1900-2000: Biographical Dictionary of Western Culture*, ed. J. Nordgren (EBSCO: Literary Reference Center Plus, 2009), 369-370 and 643-645.

Morgan State University Faculty Research Profiles

"Constructing a Catholic Church out of Thin Air: *Catholic Hour's* Early Years on NBC Radio," *American Catholic Studies* 118:4 (Winter 2007): 37-67.

Morgan State University Faculty Research Profiles

Lawrence Peskin
Professor – Department of History & Geography

MSU Campus
Office: Holmes Hall, Room 320
Phone: 443-885-1783
E-mail: lawrence.peskin@morgan.edu



Education:

Ph.D. History - Univ. of Maryland, College Park
M.A. History - Univ. of Maryland, College Park
B.A. Sociology - Univ. of Chicago

Research Interests:

Early America

Recent and Selected Publications:

Editor, *Mathew Carey: The New Olive Branch (1820) and Selected Essays* (Anthem Press, 2014)
America and the World: Culture, Commerce, Conflict, co-authored with Edmund F. Wehrle (Johns Hopkins UP, 2011).
"Conspiratorial Anglophobia and the War of 1812," *Journal of American History* 98:3 (Dec 2011): 647-669.
Captives and Countrymen: Barbary Slavery and the American Public, 1785-1816 (Johns Hopkins UP, 2009).
Manufacturing Revolution: the Intellectual Origins of American Industry (Johns Hopkins UP, 2004).
"The Lessons of Independence: How the Algerian Crisis Shaped Early-American History," *Diplomatic History* (2004).
"Pirates and the Geography of Knowledge," in *Earth Ways*, eds. G. Backhaus and J. Murungi (Lexington Books, 2004).
"How the Republicans Learned to Love Manufacturing: the First Parties and the 'New Economy,'" *Journal of the Early Republic* 22:2 (Summer 2002): 235-262.

Morgan State University Faculty Research Profiles

"From Protection to Encouragement: Manufacturing and Merchantilism in New York City's Public Sphere, 1783-1795," *Journal of the Early Republic* 18:4 (Winter 1998): 589-615.

Morgan State University Faculty Research Profiles

Saroj K. Pramanik
Associate Professor – Biology Department

MSU Campus
Office: Key Hall, Room 151
Phone: 443-885-3709
E-mail: saroj.pramanik@morgan.edu



Education:

B.S. (Agriculture Hons.), BCKV, West Bengal, India
M.S. (Biochemistry), Indian Agricultural Research Institute, New Delhi, India
Ph.D (Biochemistry), Indian Agricultural Research Institute, New Delhi, India

Research Interests:

- Translational control of gene expression during cellular differentiation.
- Cancer drug development
- Bioremediation of toxic chemicals using nano-phytotechnology/plant-microbe interactions
- Somatic embryogenesis of Plants

Recent Publications:

Medley J, Payne G, Banerjee HN, Giri D, Winstead A, Wachira JM, Krause JA, Shaw R, **Pramanik SK**, Mandal SK (2015). DNA-binding and cytotoxic efficacy studies of organorhenium pentylcarbonate compounds. *Mol Cell Biochem.* Jan;398(1-2):21-30. doi: 10.1007/s11010-014-2201-5. Epub 2014 Sep 28. PubMed PMID: 25262122.

Mbaga MK, Kebulu DN, Winstead A, **Pramanik SK**, Banerjee HN, Iwunze MO, Wachira JM, Greco GE, Haynes GK, Sarkar FH, Ho DM, Pike RD, Mandal SK (2012). *Fac-tricarbonyl(pentylcarbonato)(α -diimine)rhenium complexes: One-pot synthesis, characterization, fluorescence studies, and cytotoxic activity against human MDA-MB-231 breast, CCL-227 colon and BxPC-3 pancreatic carcinoma cell lines. Inorganic Chemistry Communications, 21, 35-38. DOI: [10.1016/j.inoche.2012.04.004](https://doi.org/10.1016/j.inoche.2012.04.004)*

Banerjee H, **Pramanik SK**, Verma M (2012). Commentary on Biological Membrane: Unlimited Function & Limited Breakthrough. *J Membra Sci Technol* 2:e101. doi:10.4172/2155-9589.1000e101

Morgan State University Faculty Research Profiles

Benjamin E 3rd, Reznik A, Benjamin E, **Pramanik SK**, Sowers L, Williams AL (2009). Mathematical models for *Enterococcus faecalis* recovery after microwave water disinfection. *J Water Health*. Dec;7(4):699-706. doi: 10.2166/wh.2009.132. PubMed PMID: 19590138.

Orsa DK, Haynes GK, **Pramanik SK**, Iwunze, Greco GE, Ho DM, Krause JA, Hill DA, Williams RJ, Mandal SK (2008): The one-pot synthesis and the fluorescence and cytotoxicity studies of chlorocarbonyl (α -diimine)rhenium(I), *fac*-(CO)₃(α -diimine) ReCl, complexes. *Inorganic Chemistry Communications*, 11: 1054-1056 DOI [10.1016/j.inoche.2008.05.033](https://doi.org/10.1016/j.inoche.2008.05.033)

Mandal S, Bérubé G, Asselin E, Mohammad I, Richardson VJ, Gupta A, **Pramanik SK**, Williams AL, Mandal SK. A novel series of potent cytotoxic agents targeting G2/M phase of the cell cycle and demonstrating cell killing by apoptosis in human breast cancer cells. *Bioorg Med Chem Lett*. 2007 Sep 1;17(17):4955-60. Epub 2007 Jun 12. PubMed PMID: 17596942.

Mandal S, Bérubé G, Asselin E, Richardson VJ, Church JG, Bridson J, Pham TN, **Pramanik SK**, Mandal SK. A new platinum complex of triazine demonstrates G1 arrest with novel biological profile in human breast cancer cell line, MDA-MB-468. *Bioorg Med Chem Lett*. 2007 Apr 15;17(8):2139-45. Epub 2007 Feb 8. PubMed PMID: 17321743.

Koul S, Johnson T, **Pramanik S**, Koul H. Cellular transfection to deliver alanine-glyoxylate aminotransferase to hepatocytes: a rational gene therapy for primary hyperoxaluria-1 (PH-1). *Am J Nephrol*. 2005 Mar-Apr;25(2):176-82. Epub 2005 Apr 21. PubMed PMID: 15849465; PubMed Central PMCID: PMC1242120.

Bhandari A, Koul S, Sekhon A, **Pramanik SK**, Chaturvedi LS, Huang M, Menon M, Koul HK. Effects of oxalate on HK-2 cells, a line of proximal tubular epithelial cells from normal human kidney. *J Urol*. 2002 Jul;168(1):253-9. Erratum in: *J Urol* 2002 Oct;168(4 Pt 1):1510. PubMed PMID: 12050552.

Selected Publications on Translational Control of Gene expression:

- i) **Pramanik, S.K.** and Bag, J. (1989). Expression of muscle-specific proteins is necessary to regulate translation of the mRNA for a 40-kDa housekeeping polypeptide in rat L6 cells. *Eur. J. Biochem.* **182**:687-698. PMID: 2473901
- ii) **Pramanik, S.K.**, Medus, J.W., and Bag, J. (1988). Regulation of translation and stability of an mRNA coding for a 40-kDa polypeptide in rat L6 muscle cells. *Eur. J. Biochem.* **172**:355-362. PMID: 3350002
- iii) **Pramanik SK** and Bag J (1987). Translation of an mRNA in rat L6 muscle cells is regulated within the cell cycle. *Eur. J. Biochem.* **170**:59-67. PMID: 3319621
- iv) **Pramanik SK**, Walsh SR, and Bag J (1986). Association of messenger RNA with the cytoskeletal framework in rat L-6 myogenic cells. *Eur. J. Biochem.* **160**:221-230. PMID: 3769924
- v) **Pramanik SK**, Williams AL, and Bewley,JD (2004): Endogenous Protein Kinase –C Activity and Phosphorylated Proteins in Messenger Ribonucleoprotein Complexes of Developing Embryos of Alfalfa. *Cell. Molecul. Biol.* (Noisy-le-grand), **50**: 773 - 781. PMID: 15641170
- vi) **Pramanik SK** and Bewley JD (1996): Post-transcriptional regulation of protein synthesis during alfalfa embryogenesis. Proteins associated with the cytoplasmic polysomal and non-polysomal mRNAs (messenger ribonucleoprotein complex). *J. Exper. Botany*, **47**:1871 - 1879. doi: 10.1093/jxb/47.12.1871

Morgan State University Faculty Research Profiles

- vii) **Pramanik SK**, Krochko JE, and Bewley JD (1992): Distribution of cytosolic mRNAs between polysomal and ribonucleoprotein complex fractions in Alfalfa embryos (stage-specific translational repression of storage protein synthesis during early somatic embryo). *Plant Physiol*, **99**:1590-1596. PMID:16669078
- viii) Bag J, and **Pramanik SK** (1989): Translational Control During Myogenesis of Rat L6 Cells. Cold Spring Harbour Symposium Meeting, Translational Control (Sept. 1989), Cold Spring, New York, USA.
- ix) Bag J, and **Pramanik SK** (1987): Translation of mRNA Coding for A 40 kDa Polypeptide is Regulated During Differentiation of Rat L6 Myoblast. Cold Spring Harbour Symposium Meeting, Translational Control (Sept 16 - 20, 1987), Cold Spring, Long Island, NY, USA.

Book Chapters:

- (a) H.W.Rassom, D. Lakshman, S. Jong Yun, **S. K. Pramanik** and B.G.de losReyes (2009): Microarray Data Analysis Using Machine Learning Methods *In* "BIOSYSTEMS ENGINEERING" Edited by Prof. A. Nag, McGraw Hill (New York, San Francisco, Lisbon, London, Mexico City, Milan, New Delhi, San Juan, Seoul, Singapore, Sydney, Toronto) ISBN: 978-0-07-160628-8, Chapter I pp: 1 – 31.
- (b) Orsa DK, Nettles CR, **Saroj K. Pramanik**, Iwunze MO, Greco GE, Krause JA, and Mandal SK (2009) : Cytotoxic Effects of Rhenium (I) Carbonyl Complexes on Prostate Cancer Cell Lines *In* "Handbook of Prostate Cancer Cell Research: Growth, Signalling and Survival" Edited by Alan T. Meridith, Nova Biomedical Books (New York, USA), ISBN:978-1-60741-954-9
- (c) Sen K, **Pramanik SK**, and Williams AL (2008): Metabolisms in Crops; *In* "Textbook of Agricultural Biotechnology". Edited by Prof. A. Nag. P.H.I Learning Private Ltd., New Delhi (ISBN: 978-81-203-3592-9) pp: 24 – 54.
- (d) Duzs-Moore AM, Williams AL, **Pramanik SK**, and Nag A (2008): Modern Tissue Culture Techniques; *In* "Textbook of Agricultural Biotechnology". Edited by Prof. A. Nag. P.H.I Learning Private Ltd., New Delhi (ISBN: 978-81-203-3592-9) pp: 1 – 24.

Courses Taught at Morgan State University:

Introductory Biology for non- majors: Bio 101, Bio 102,
Plant Physiology and Biotechnology: Biol 411
Special Lectures on Muscle Differentiation (Physiology and Anatomy Course)
Special Lectures on Photosynthesis (Honors Biology)

Morgan State University Faculty Research Profiles

Mathumathi Rajavel
Associate Professor – Biology/Medical Technology Department

MSU Campus
Office: Spencer, Room 106
Lab: Dixon 218D
Phone: 443-885-1553
E-mail: mathumathi.rajavel@morgan.edu



Education:

Ph.D., Molecular Biology, Madurai Kamaraj University

Post doctoral fellow: Temple University School of Medicine and Johns Hopkins University Bloomberg School of Public Health

Research Interests:

Molecular Microbiology. Research in my laboratory focuses on manipulating bacteriophages to combat infections caused by bacterial pathogens, more specifically, we explore the utility of phages in various applications: alternate to antibiotic treatment, bacterial/bioagent detection, therapeutics, environmental bacterial decontamination as well as novel vaccine delivery vehicles. We investigate these projects using microbiological, genomic, biochemical and molecular biological approaches.

Recent and Selected Publications:

Fouts DE, Klumpp J, Bishop-Lilly KA, Rajavel M, Willner KM, Butani A, Henry M, Biswas B, Li M, Albert MJ, Loessner MJ, Calendar R, Sozhamannan S. Whole genome sequencing and comparative genomic analyses of two *Vibrio cholerae* O139 Bengal-specific Podoviruses to other N4-like phages reveal extensive genetic diversity. *Virol J.* 2013 May 28;10:165. doi: 10.1186/1743-422X-10-165. PubMed PMID: 23714204; PubMed Central PMCID: PMC3670811.

Morgan State University Faculty Research Profiles

Gerald Rameau
Associate Professor – Biology Department

MSU Campus
Office: Dixon, Room 116
Phone: 443-885-4685
E-mail: gerald.rameau@morgan.edu



Education:

Ph.D from the Department of Biochemistry at The Albert Einstein College of Medicine

Research Interests:

Synaptic Plasticity; Neural Glucose Transporter Type-3 (GLUT3) Trafficking and Function; Neurodegeneration.

Recent and Selected Publications:

Watts VL, Sepulveda FM, Cingolani OH, Ho AS, Niu X, Kim R, Miller KL, Vandegaer K, Bedja D, Gabrielson KL, Rameau G, O'Rourke B, Kass DA, Barouch LA. Anti-hypertrophic and anti-oxidant effect of beta3-adrenergic stimulation in myocytes requires differential neuronal NOS phosphorylation. *J Mol Cell Cardiol.* 2013 Sep;62:8-17. doi: 10.1016/j.yjmcc.2013.04.025. Epub 2013 May 2. PubMed PMID: 23643588; PubMed Central PMCID: PMC4041152.

Hurt KJ, Sezen SF, Lagoda GF, Musicki B, Rameau GA, Snyder SH, Burnett AL. Cyclic AMP-dependent phosphorylation of neuronal nitric oxide synthase mediates penile erection. *Proc Natl Acad Sci U S A.* 2012 Oct 9;109(41):16624-9. doi: 10.1073/pnas.1213790109. Epub 2012 Sep 24. PubMed PMID: 23012472; PubMed Central PMCID: PMC3478647.

Morgan State University Faculty Research Profiles

Ferreira JM, Burnett AL, Rameau GA. Activity-dependent regulation of surface glucose transporter-3. *J Neurosci*. 2011 Feb 9;31(6):1991-9. doi: 10.1523/JNEUROSCI.1850-09.2011. PubMed PMID: 21307237; PubMed Central PMCID: PMC3045034.

Misra C, Restituto S, Ferreira J, Rameau GA, Fu J, Ziff EB. Regulation of synaptic structure and function by palmitoylated AMPA receptor binding protein. *Mol Cell Neurosci*. 2010 Apr;43(4):341-52. doi: 10.1016/j.mcn.2010.01.001. Epub 2010 Jan 18. PubMed PMID: 20083202; PubMed Central PMCID: PMC3061853.

Rameau GA, Tukey DS, Garcin-Hosfield ED, Titcombe RF, Misra C, Khatri L, Getzoff ED, Ziff EB. Biphasic coupling of neuronal nitric oxide synthase phosphorylation to the NMDA receptor regulates AMPA receptor trafficking and neuronal cell death. *J Neurosci*. 2007 Mar 28;27(13):3445-55. PubMed PMID: 17392461.

Rameau GA, Chiu LY, Ziff EB. Bidirectional regulation of neuronal nitric-oxide synthase phosphorylation at serine 847 by the N-methyl-D-aspartate receptor. *J Biol Chem*. 2004 Apr 2;279(14):14307-14. Epub 2004 Jan 13. PubMed PMID: 14722119.

Rameau GA, Chiu LY, Ziff EB. NMDA receptor regulation of nNOS phosphorylation and induction of neuron death. *Neurobiol Aging*. 2003 Dec;24(8):1123-33. PubMed PMID: 14643384.

Morgan State University Faculty Research Profiles

Gregory Ramsey
Associate Professor – Department of Information Science & Systems

MSU Campus
Office: Graves School of Business & Management, Room 502
Phone: 443-885-4392
E-mail: gregory.ramsey@morgan.edu



Education:

Post-doctoral fellowship at the Stern School of Business at New York University
Ph.D. in Business Administration (Information and Decision Sciences) from the Carlson School of Management at the University of Minnesota
MSIA from the Tepper School of Business at Carnegie Mellon University
M.S. in Electrical Engineering from Georgia Institute of Technology
B.S. in Electrical Engineering from Duke University

Research Interests:

Decision making; Process characterization; Health Care Analytics

Recent and Selected Publications:

Ramsey, G. W. (2014). Evaluating Policies using Agent-based Simulations: Investigating Policies for Continuity of Care. *International Journal of Simulation and Process Modelling*, 9 (4), 255-269.
Ramsey, G. & Bapna, S. (2014). A Technique to Exploit Free-Form Notes to Predict Customer Churn. *International Journal of Computational Models and Algorithms in Medicine*, 4 (4), 16.
Ramsey, G. & Bapna, S. (2014). A European Loyalty Program: Examining Purchase Behavior to Predict Likelihood of Retaining Individual Customers. *International Journal of Business and Commerce*, 3 (9), 27-35.
Ramsey, G. W., Johnson, P. E., O'Connor, P. J., Sperl-Hillen, J. M., Rush, W. A., George Biltz (2014). Examining Failure in a Dynamic Decision Environment: Strategies for Treating Patients with a Chronic Disease. *Annals of Information Systems*, 19, 1-15.
Ramsey, G., Johnson, P., O'Connor, P., Sperl-Hillen, J., Rush, W., George Biltz, (2010). *Identifying Physician Decision Strategies for Treating Patients with Type 2 Diabetes*. American Diabetes Association 70th Scientific Session, Orlando, Florida.

Morgan State University Faculty Research Profiles

Ramsey, G., Johnson, P., O'Connor, P., Sperl-Hillen, J., Rush, W., George Biltz, (2010). *Computational Models for Investigating Success and Failure in Treating Patients with Type 2 Diabetes*. 5th INFORMS Workshop on Data Mining and Health Informatics, Arlington, Virginia.

Ramsey, G., Johnson, P., O'Connor, P., Sperl-Hillen, J., & Rush, W. (2010). *Using Functional Data Analysis to Identify Physician Decision Strategies which Lead to Better Type 2 Diabetes Patient Outcomes*. 1st ACM International Conference on Health Informatics, Austin, Texas.

McCabe, R., Adomavicius, G., Johnson, P., Ramsey, G., Rund, E., William Rush, Patrick O'Connor, JoAnn Sperl-Hillen, (2008). "Using Data Mining to Predict Errors in Chronic Disease Care", *Advances in Patient Safety: New Directions and Alternative Approaches*. Rockville: Agency for Healthcare Research and Quality.

Morgan State University Faculty Research Profiles

Dr. Samina M. Saifuddin
Assistant Professor – Department of Business Administration
Earl G., Graves of Business and Management

MSU Campus
Office: GSBM, Room 628
Phone: 443-885-3252
E-mail: samina.saifuddin@morgan.edu



Education:

Ph.D. in Management (June 2015), Sprott School of Business, Carleton University, Ottawa, Canada.

MBA (2000), Western Kentucky University, Bowling Green, Kentucky, USA.

M. Com (1993), Department of Management, University of Dhaka, Bangladesh

Research Interests:

Gender and diversity, career, leadership, entrepreneurship and networking behavior

Recent and Selected Publications:

Saifuddin, S. M., & Ozkan, U. R. (2016). Gendered risk: Women and entrepreneurship. In the *Proceedings of the Annual Conference of Administrative Sciences Association of Canada (ASAC), 44*, Edmonton, Alberta.

Saifuddin, S. M., Dyke, L., Hossain, M. S. (2014). Doing and undoing gender: Women professionals in Bangladesh high-tech careers. In the *Proceedings of 7th Equality, Diversity and Inclusion (EDI) International Conference, Munich, Germany*. Best Paper Award.

Morgan State University Faculty Research Profiles

- Saifuddin, S. M., Dyke, L., & Rasouli, M. (2013).** Gender and careers: A study of persistence in engineering education in Bangladesh. *Gender in Management: An International Journal*, 28(4), 188-209.
- Saifuddin, S. M., & Dyke, L. (2013).** Gender Identity, networking behavior, and career success. *In the Proceedings of 13th European Academy of Management (EURAM) Conference, Istanbul, Turkey.*
- Kumar, U., & **Saifuddin, S. M.** (2011). A model and success factors for developing in-house client-specific software systems: A case based investigation. In the *Proceedings of the Administrative Sciences Association of Canada (ASAC), 31*, Montreal, Quebec.
- Honourable Mention Award.**
- Saifuddin, S. M., Dyke, L., & Rasouli, M.** (2011). Factors affecting the choice of high tech engineering majors for university women and men in Bangladesh. In the *Proceedings of the Seventeenth Americas Conference on Information Systems (AMCIS, Detroit, Michigan.*
- Saifuddin, S. M., Ferdous, C. S., & Karim, S.** (2009). Employee performance system in Bangladesh: A case study on GlaxoSmithKline Bangladesh Limited. *Journal of Management Studies, University of Dhaka, 1* (1), 25-42.

Morgan State University Faculty Research Profiles

Tonya Nashay Sanders
Assistant Professor – City & Regional Planning Graduate Program

MSU Campus
Office: CBEIS, Room 317
Phone: 443-885-1860
E-mail: tonya.sanders@morgan.edu



Education:

B.A., Truman State University
M.A., Pennsylvania State University
Ph.D., University of Illinois at Chicago

Research Interests:

Faith-based Community Development, Built Environment and Health, Affordable Housing, Community Organizing

Recent and Selected Publications:

Sanders, T.N. (Forthcoming). David and Goliath: Dismantling Inequalities within Faith-based Cross-sector Partnerships. *Development in Practice* DOI: 10.1080/09614524.2016.1210089

Sanders, T. (2015). The Hill: Easton's Historic Jewel. *Maryland Planner* (Spring/Summer), p. 7-10.

Sanders, T.N. (2014). Formation of Faith-based Cross-sector Partnerships: A Game Changing Collaboration. *International Journal of Community Development*, 2 (2), 13-22.

Sanders, T.N. (2013). The City Book Review. *Journal of Urban Technology*, 20 (3), 1-5.

Morgan State University Faculty Research Profiles

Roosevelt Shaw
Associate Professor – Chemistry Department

MSU Campus
Office: Spencer, Room 300
Phone: 443-885-1657
E-mail: roosevelt.shaw@morgan.edu



Education:

Ph.D. in Physical Organic Chemistry

Research Interests:

The application of molecular modeling (computational chemistry) to a host of organic reactions and biochemical systems in order to gain greater insight on a molecular level into the kinetics, energetics, molecular geometries and spectroscopy of the reactive species involved in these reactions and biochemical systems

Recent and Selected Publications:

1. R. Shaw – contributing author, “Unsung Heroes and Heroines,” *Journal of The National Technical Association*, Winter 1991, 39.
2. R. Shaw, M. Waweru, and A. Stevenson, “Successful Mentoring of Elementary School Students by College Undergraduates: MUCH,” *Journal of Chemical Education*, 1993, 70, 770.
3. D. A. Johnson, R. Shaw, E. F. Silversmith, “Visual Demonstration of Solvent Polarities,” *Journal of Chemical Education*, 1994, 71, 517.
4. R. Shaw, Fund Raising: “An Essential Activity for Undergraduate Department Chairs,” *Jr. of College Science Teaching*, March/April 1995, 308.
5. R. Shaw and Mohammad Hokmabadi, “Raman Spectroscopic Determination of Heats of Vaporization of Pure Liquids,” *Journal of Chemical Education*, 1996, 73, 474.
6. R. Shaw, “Beginning Freshman Chemistry On A Historical Note,” *Journal of College Science Teaching*, November 1995, 88.
7. R. Shaw, “Summer Research Experience with MUCH Success,” *Journal of College Science Teaching*, September/ October 1996, 13.

Morgan State University Faculty Research Profiles

8. R. Shaw, Sean Nedd, and David Roane, "Effect of Anisotropy on the Chemical Shift of Vinyl Protons in trans- and cis- 1,4-Dibenzoylethylenes: A Small Group or Recitation Activity," *Journal of Chemical Education*, 2002, 79, 67.
9. R. Shaw, "Diels- Alder Cycloaddition: A More Experiment in the Organic Chemistry Laboratory Including A Diene Identification Exercise Puzzle Involving NMR Spectroscopy and Molecular Modeling," *Journal of Chemical Education*, 2005, 82, 625.
10. [J. Medley](#), [G. Payne](#), [H. N. Banerjee](#), D. Giri, [A. Winstead](#), [J.M. Wachira](#), [J. A Krause](#), [R. Shaw](#), [Saroj K. Pramanik](#), [Santosh K. Mandal](#), "DNA- Binding and Cytotoxic Efficacy Studies of Organorhenium Pentylcarbonate Compounds," *Mol Cell Biochem.*, 2015, Jan 28; 398 (1-2); 21-30.

Books Written:

- Shaw, R. "Beckoning The Past to The Future," 1998, BCP Printing.
- Shaw, R. "Introduction to Molecular Modeling for the Organic Chemistry Student"
Vol. I, 2015, Miller's Minuteman Press.

Patents:

"The Science Calendar for Everyone," Roosevelt Shaw, Certificate of Copyright Office, Library Of Congress, Washington, DC., 1988.

Directed Student Research/Presentations:

1. "Use of Molecular Modeling and One- and Two-Dimensional Spectrometry for Identification of Bicyclic Compounds," *Ashika Severin, Miguel Balfour, Columbus Nettles and Roosevelt Shaw. Department of Chemistry, 9th Annual Undergrad. & Graduate Science Research Symposium, Morgan State University, Baltimore, MD, April 2002.
2. "Molecular Modeling of Nucleoside Reverse Transcriptase Inhibitors (NRTLs): Retrovir, Epvir, Videx EC and Zerit," Ashika Severin, Miguel Balfour, Columbus Nettles and Roosevelt Shaw. Department of Chemistry, 9th Annual Undergrad. & Graduate Science Research Symposium, Morgan State University, Baltimore, MD, April 2002.
3. "Reactivity and Stereospecificity in the Wittig Reaction: A Molecular Modeling Study of the Wittig Reaction of 9- Anthraldehyde with the Benzyltriphenylphosphonium Ylide," R. Shaw, F. Colon, A. Kennedy, 15th Annual Undergrad. & Graduate Science Research Symposium, Morgan State University, Baltimore, MD, April 2008 (**First Place Winner Competition**).
4. "Computational Studies of Competing Menshutkin Sn2 Reactions of 4- (Dimethylamino)pyridine with Methyl Iodide: Transition State Search and Energetics Comparison of Optimized Stationary Point Structures," Ashley Myrick, Ofuje Daniyan, Gregory Haynes and Roosevelt Shaw, Department of Chemistry, 15th Annual Undergrad. & Graduate Science Research Symposium, Morgan State University, Baltimore, MD, April 2008.
5. "Molecular Modeling of the Dimerization of Isobutylene: a Zaitsev Product Distribution Exception," Gabrielle Thomas, Gregory Haynes and Roosevelt Shaw. Department of Chemistry, 19th Annual Undergrad. & Graduate Science Research Symposium, Morgan State University, Baltimore, MD, April 2012 (**First Place Winner Competition**).
6. "Molecular Modeling Studies of the Diels- Alder Reaction of 1,4-Diphenyl-1,3-Butadiene with Maleic Anhydride: Reaction Pathways and Proof of Product Structure," Andrew Adekolu, Solomon Tadesse and Roosevelt Shaw, 19th Annual Undergrad. & Graduate Science Research Symposium, Department of Chemistry, Morgan State University, Baltimore, MD 21251, April 2012.

Morgan State University Faculty Research Profiles

7. "Molecular Modeling of the Methylation of Nicotine: An End to the Controversy," Yehnara S. Ettinoffe and Roosevelt Shaw, 20th Annual Undergrad. & Graduate Science Research Symposium, Department of Chemistry, Morgan State University, MD, April 2013.
8. "Molecular Modeling of Aspirin Rhenium (Re) Organometallic Complexes: Novel Cytotoxic Drugs," Marvin Thomas, Santosh K. Mandal and Roosevelt Shaw, 20th Annual Undergrad & Graduate Science Research Symposium, Department of Chemistry, Morgan State University, MD, April 2013.
9. "Computational Determination of Aqueous Pka of Acetic Acid: A Complete Molecular Modeling Study of the Ionization Reaction," Brittney Gordon and Roosevelt Shaw, 21th Annual Undergrad. & Graduate Science Research Symposium, Department of Chemistry, Morgan State University, Baltimore, MD, April 2014.
10. "Molecular Modeling of the Competing N2 and N7 Nucleophilic Attacks of Guanine on Bp Diol Epoxide, A Metabolized Product of Environmental Benzo[a]pyrene," Monique Wallace, Gregory Haynes and Roosevelt Shaw, 21th Annual Undergrad. & Graduate Science Research Symposium, Department of Chemistry, Morgan State University, MD, April 2014.
11. "Computational Analysis of the Thermochemistry of Wöhler's Synthesis of Urea," Nishone Thompson and Roosevelt Shaw, 21th Annual Undergrad. & Graduate Science Research Symposium, Department of Chemistry, Morgan State University, Baltimore, MD, April 2014 (**First Place Winner Competition**).
12. "Molecular Modeling of the Iodolactonization of 4-Pentenoic Acid," Roshelle Bailey and Roosevelt Shaw, 22th Annual Undergrad. & Graduate Science Research Symposium, Department of Chemistry, Morgan State University, Baltimore, MD, April 2015.
13. "Computational Determination of the Free Energy of Activation of the Uncatalyzed and the Halide-Catalyzed Decomposition of Hydrogen Peroxide," Tiara Hinton, Richard Williams and Roosevelt Shaw, 22th Annual Undergrad. & Graduate Science Research Symposium, Department of Chemistry, Morgan State University, Baltimore, MD, April 2015.
14. "Computational Molecular Modeling Studies of Sodium Hydride Reduction of Benzil: Greater Insight Into Its Mechanism," Martina Kostova and Roosevelt Shaw, 23rd Annual Undergraduate and Graduate Research Symposium, Department of Chemistry, Morgan State University, Baltimore, MD, April 14, 2016.
15. "Using Molecular Modeling Calculations to Predict Relative Melting Points of Diastomeric Pairs in The Same Symmetry Point Group," Stephanie Nwabuisi and Roosevelt Shaw, 23rd Annual Undergraduate and Graduate Research Symposium, Department of Chemistry, Morgan State University, Baltimore, MD, April 14, 2016.

Morgan State University Faculty Research Profiles

Payam Sheikhattari
Associate Professor – Department of Behavioral Health Sciences
Co-PI of ASCEND Training Model to Increase Diversity in Biomedical Research Workforce

MSU Campus
Office: Portage, Room 102
Phone: 443-885-3639
E-mail: payam.sheikhattari@morgan.edu



Education:

Post-Doctoral Fellow in Reproductive Health, Johns Hopkins Bloomberg School of Public Health, 2003-2005

Master of Public Health (MPH), Tehran School of Public Health, 2001-2003

Medical Diploma (MD), Uromia School of Medicine, 1989-1996

Research Interests:

Community based participatory research; social network theory; nicotine dependence and substance abuse

Recent and Selected Publications:

Wagner, F. A., **Sheikhattari, P.**, Buccheri, M. J., Gunning, M. M., Bleich, M. L., & Schutzman, M. C. (2016). A Community-Based Participatory Research on Smoking Cessation Intervention for Urban Communities. *Journal of Health Care for the Poor and Underserved*, 27(1), 35-50

Johnson, C., **Sheikhattari, P.**, Lao, L., Bronner, Y., & Wagner, F. (2015). Implementation and Feasibility of an Auricular Acupuncture Intervention for Smoking Cessation in a Residential Spiritual Recovery Program: A Pilot Study. *Journal of Health Disparities Research and Practice*, 8(3),

Rowel, R., **Sheikhattari P.**, Barber T., Evans-Holland, M. (2012) Enhancing risk communication among low-income populations by engaging grassroots organizations. *Health Promotion Practice*, 13(1): 124-32

Morgan State University Faculty Research Profiles

- Kamangar F., **Sheikhhattari P.**, Mohebtash M. (2011). Arch Iran Medicine. 14(3): 192-9
- Islami F., **Sheikhhattari P.**, Ren J., Kamangar F., (2011). Gastric atrophy and risk of oesophageal cancer and gastric cardia adenocarcinoma: a systematic review and meta-analysis. Annals of Oncology. 22(4):754-60
- Sheikhhattari P.**, Burke j, O'Keefe A., Bazargan-Hejazi S. (2010). Sustaining relationships between communities and local health systems: two Iranian villages. Journal of International Development. Published online in Wiley InterScience. DOI: 10.1002/jid.1712
- Sheikhhattari, P.**, Kamangar F., How can primary health care system and community-based participatory research be complementary? (2010) International Journal of preventive medicine. 1(1): 1-10
- Sheikhhattari P.**, Zhu S., Clubb PA., and Wagner FA. (2010). New Insights on Tobacco Smoking among the Underserved and Poor. World Academy of Science, Engineering and Technology. 66: 400-405.
- Sheikhhattari P.**, Clubb PA., Beharie R., Zhu S., Wang Y., Wagner FA. (2010). Risky Sexual Behavior among Freshman Students at a Historically Black College in the United States of America. World Academy of Science, Engineering and Technology. 66: 1537-1544.
- Rowel, R., **Sheikhhattari P.**, Barber T., Evans-Holland, M.A. (2009) Guide to Enhance Grassroots Risk Communication among Low-Income Populations. Product ID# XC2L582J Available at: <http://www.ces4health.info/find-products/search-results.aspx>
- Sheikhhattari P;** Stephenson R; Assassi N; Zamani G; and Eftekhar M (2006). Child Maltreatment among Middle School Children in the Kurdistan Province, Iran International Journal of Child Abuse & Neglect. 30: 231-245.
- Sheikhhattari P.**, Stephenson R, Assassi N, Zamani G, Eftekhar M., (2006). Child Maltreatment Among Middle School Children in the Kurdistan Province, Iran International Journal of Child Abuse & Neglect. 30: 231-245

Morgan State University Faculty Research Profiles

Viji Sittther
Associate Professor – Department of Biology

MSU Campus
Office: Carnegie, Room G64
Phone: 443-885-4688
E-mail: viji.sittther@morgan.edu



Education:

B.S., M.S., M. Phil., and Ph.D. degrees in Botany from University of Madras (India)
B.Ed. in Botany from Annamalai University (India)

Research Interests:

Biofuel production in brackish waters using *Fremyella diplosiphon*, elucidating the genetic relationship among *Camelina sativa* cultivars, and agrobacterium-mediated transformation to increase biotic and abiotic stress tolerance and detection of somoclonal variation among in vitro generated plants obtained through tissue culture.

Recent and Selected Publications:

Dhekney, S.A., Kandel, R., Bergey, D. R., Sittther, V., Soorinathasundaram, K and Litz, R. E. 2016. Advances in papaya biotechnology. Biocatalysis and Agricultural Biotechnology 5:133-142.

Forrester, I.T., P. Mayaka, S. Brown-Fraser, N. Dawkins, R. Rowel, and V. Sittther. Earthquake disaster resilience: A framework for sustainable gardening in Haiti's vulnerable population. Journal of Hunger and Environ. Nutrition (Accepted March 2016), In Press.

Rawls, B., Harris-Shultz, K., Dhekney, S. A., Forrester, I., and Sittther, V. 2015. Clonal fidelity of micropropagated *Psidium guajava* L. plants using microsatellite markers. American Journal of Plant Sciences. 6: 2385-2392.

Kandel, R., Bergey, D.R., Dutt, M., Sittther, V., Li, Z. T., Gray, D. J., and Dhekney, S. A. 2015. Evaluation of a grapevine-derived reports gene system for precision breeding of *Vitis*. Plant Cell, Tissue and Organ Culture 124: 599-609.

Sittther, V., Zhang, D., Harris, D. L., Yadav, A. K., Zee, F. T., Meinhardt, L. W., and Dhekney, S. A. 2014. Genetic characterization of guava (*Psidium guajava* L.) germplasm in the United States using microsatellite markers. Genetic Resources and Crop Evolution 61: 829-839.

Morgan State University Faculty Research Profiles

- Bock, C. H., Endalew, T. T., Biswas, B. K., Yadav, A. K., Sitther, V., Hotchkiss, M.W., Stevenson, K. L., and Wood, B.W. 2014. A comparison of UP-PCR and RAPD markers to study genetic diversity of *Fusicladium effusum* (G. Winter), cause of pecan scab. *Forest Pathology* 44: 266-275.
- Sitther, V., Zhang, D., Harris, D. L., Okie, W. R., Dhekney, S. A., and Yadav, A. K. 2012. Cultivar identification, pedigree verification, and diversity analysis among peach (*Prunus persica* L. Batsch) based on simple sequence repeat markers. *Journal of the American Society for Horticultural Science* 137:114-121.
- Sitther, V., D. Zhang, D.L. Harris, W.R. Okie, S.A. Dhekney and A.K. Yadav. 2012. Cultivar identification, pedigree verification, and diversity analysis among peach (*Prunus persica* L. Batsch) based on simple sequence repeat markers. *J. Amer. Soc. Hort. Sci.* 137:114-121.
- Sitther, V., Harris, D.L., Dhekney, S.A., J. Bai., E. A. Baldwin and A. K. Yadav. 2011. Total phenol content of guava fruit and development of an in vitro regeneration protocol amenable to genetic improvement. *Int. J. Food Safety, Nutrition and Public Health* 4:225-236.
- Viji, G., Harris, D. L., F. T. Zee., and Yadav, A. K. 2010. Use of microsatellite markers to characterize genetic diversity of selected accessions of guava (*Psidium guajava* L.) in the United States. *Actahorticulturæ* 859:169-176.
- Tosa, Y., Uddin, W., Viji, G., Kang, S., and Mayama, S. 2007. Comparative genetic analysis of *Magnaporthe oryzae* isolates causing gray leaf spot of perennial ryegrass turf in the United States and Japan. *Plant Dis.* 91:517-524.
- Viji, G., Uddin, W., O'Neill, N. R., Mischke, S., and Saunders, J. A. 2004. Genetic Diversity of *Sclerotinia homoeocarpa* isolates from turfgrasses from various regions in North America. *Plant Dis.* 88:1269-1276.
- Viji, G., Uddin, W., and Romaine, C. P. 2003. Suppression of gray leaf spot of perennial ryegrass turf by *Pseudomonas aeruginosa* from spent mushroom substrate. *Biological Control* 26: 233-243.
- Uddin, W., Viji, G., and Vincelli, P. 2003. Gray leaf spot (blast) of perennial ryegrass turf: an emerging problem for the golf course industry. *Plant Dis.* 87:880-889.
- Uddin, W., Viji, G., Schumann, G. L., and Boyd, S. H. 2003. Detection of *Pyricularia grisea* causing gray leaf spot of perennial ryegrass turf by a rapid immuno-recognition assay. *Plant Dis.* 87:772-778.
- Uddin, W., Serlemitsos, K., and Viji, G. 2003. A temperature and leaf wetness duration-based model for prediction of gray leaf spot of perennial ryegrass turf. *Phytopathology* 93: 336-343.
- Viji, G., and Uddin, W. 2002. Distribution of mating type alleles and fertility status of *Magnaporthe grisea* causing gray leaf spot of perennial ryegrass and St. Augustinegrass turf. *Plant Dis.* 86: 827-832.
- Uddin, W., Viji, G., and Stowell, L. 2002. First Report of gray leaf spot on perennial ryegrass turf in California. *Plant Dis.* 86:75.
- Viji, G., Wu, B., Kang, S., Uddin, W., and Huff, D. R. 2001. *Pyricularia grisea* causing gray leaf spot of perennial ryegrass turf: Population structure and host-specificity. *Plant Dis.* 85:817-826.
- Viji, G., Gnanamanickam, S. S., and Levy, M. 2000. DNA polymorphisms of isolates of *Magnaporthe grisea* from India that are pathogenic to finger millet and to rice. *Mycological Research* 104:161-167.
- Viji, G., and Gnanamanickam, S. S. 2000. Cultural and virulence characteristics of *Pyricularia* spp. from different hosts. *Indian Phytopathology* 53: 221-223.

Morgan State University Faculty Research Profiles

Chien-Chi Tseng
Assistant Professor – Department of Business Administration
Earl G. Graves School of Business and Management

MSU Campus
Office: School of Business and Management Building, Room 612
Phone: 443-885-1689
E-mail: chien-chi.tseng@morgan.edu



Education:

Post-Doctorate Associate and Lecture (AACSB Accredited) in Entrepreneurship and International Business Program, Warrington College of Business, University of Florida, 2010-2014.

Ph.D. of Human Resource Development, Department of Organizational Leadership, Policy, and Development, University of Minnesota, 2005-2010

M.B.A. of International Business Administration, Chinese Culture University, Taiwan, 1991-1993.

B.S. of Chemical Engineering, Tunghai University, Taiwan, 1982-1986.

Research Interests:

New business development, creativity and innovation, entrepreneurial leadership, and organizational learning

Awards and Recognitions:

Featured Scholar, University of Michigan, National Center for Institutional Diversity, Ann Arbor, MI, 2017.

Morgan State University Faculty Research Profiles

Best Paper in Social Entrepreneurship Award for the United States Association for Small Business and Entrepreneurship (USASBE) 2014 Annual Meeting, Fort Worth, TX, 2014.

Ranked in the Top Ten articles of the *Journal of European Industrial Training* in 2009 and Selected for inclusion in *Emerald Reading List Assist* in 2011.

Emerging Diversity Scholar Award, University of Michigan, National Center for Institutional Diversity, Ann Arbor, MI, 2010-2011.

Recent and Selected Publications:

Tseng, C. A., & Tseng, C. (2016). Increasing innovation as a strategic approach for post-IPO firms. *International Journal of Entrepreneurship*, 20(1), 84-99.

Tseng, C. (2016). Entrepreneurial opportunity, cultural development, and economic competitiveness. *2016 Academy of Management Annual Meeting Proceeding*. Anaheim, California.

Tseng, C. (2016). Self-directed learning as a key factor to entrepreneurial learning and performance. *The Future of Diversity Research*. National Center for Institutional Diversity, University of Michigan, Ann Arbor.

Tseng, C. (2015). Does microfinance efficiency matter? The effects in emerging markets. *2015 Academy of Management Annual Meeting Proceeding*. Vancouver, BC, Canada.

Tseng, C. (2014). Entrepreneurial opportunity for the wind-energy markets in three emerging economics. *Journal of Entrepreneurship, Management, and Innovation*, 10(2), 63-68.

Kraft, J. & Tseng, C. (2014). Graduate level entrepreneurship at the University of Florida. In M. H. Morris (Ed.), *Annals of Entrepreneurship Education and Pedagogy-2014* (pp. 324-331). Northampton, MA: Edward Elgar Publishing.

Tseng, C., & Morris, M. H. (2014). *The efficiency of microfinance on entrepreneurial opportunity and economic competitiveness in emerging markets*. 2014 United States Association for Small Business and Entrepreneurship Annual Meeting. Fort Worth, Texas. (Best Paper Award for 2014 USASBE).

Tseng, C. (2013). Connecting self-directed learning with entrepreneurial learning to entrepreneurial performance. *International Journal of Entrepreneurial Behavior & Research*, 19(4), 425-446.

Tseng, C. (2012). Linking entrepreneurial infrastructures and new business development: A study of entrepreneurship development in Taiwan. *The Journal of Entrepreneurship*, 21(1), 117-132.

Tseng, C. (2011). Connecting business incubator development with human resource

Morgan State University Faculty Research Profiles

development. *Journal of Multidisciplinary Research*, 3(2), 29-42.

Tseng, C. (2011). The influence of strategic learning practices on employee commitment. *Journal of Multidisciplinary Research*, 3(1), 5-23.

Morgan State University Faculty Research Profiles

Dawn Thurman
Assistant Professor – Bachelors in Social Work Department

MSU Campus
Office: Jenkins, Room 334A
Phone: 443-885-3538
E-mail: dawn.thurman@morgan.edu



Education:

MSW, Howard University School of Social Work
PhD, Howard University School of Social Work

Research Interests:

Child and Adolescent Psychopathology; Clinical Social Work; Black Families. Risk and protective factors of exposure to violence and bullying.

Recent and Selected Publications:

Bryant, D. N. (2008). Psychosocial correlates of depressive symptoms among African-American children. (Doctoral dissertation). Retrieved from ProQuest. (Publication Number AAT 3304468)

Chester, C.E., Thurman, D.N., Yvette, T.Y., & Burdnett Wilson, D. (2016). A decade in the making: Patterns of single African American females who adopt African American children. Manuscript under review.

Nebbitt, V.E., Lombe, M., LaPoint, V., & Bryant, D.N. (2009). Predictors correlates of Academic performance among urban African American adolescents. *Journal of Negro Education*, 78, 29-41.

Piña-Watson, B., Thurman, D., Cruz, A., Yanez, E. (2016). Bullying and Suicidality: General and Cultural Coping as Moderators for Mexican Descent Adolescents. Manuscript under review.

Sinclair, M., Thurman, D.N., & Yancey-Johnson, K. (2016). The impact of community violence on urban adolescent. Manuscript in Preparation.

Morgan State University Faculty Research Profiles

Thurman, D., Piña-Watson, B., Thorpe, R., Beech, B. (2016). Bullying and Obesity: Associations between traditional and cyber bullying. Manuscript in Preparation.

Tirmazi, M.T., Nebbitt, V.E., Sydnor, K., Thurman, D. (2015). Research with Urban African American Adolescents and Emerging Adults: Implications for Quasi - Community Based Participatory Research and Community Action Research. In R.W. Wilbon (Ed.) *Social Work Practice with African Americans in Urban Environments*. Washington, DC: Springer Publishing.

Morgan State University Faculty Research Profiles

Jocelyn Turner-Musa, Ph.D.
Associate Professor of Psychology
Interim Chairperson, Department of Psychology
Director, ASCEND, Student Training Core

MSU campus
Office: Jenkins Building 408
Phone: 443-885-3290
e-mail: Jocelyn.turnermusa@morgan.edu



Education:

1994 Ph.D., Social Psychology, Howard University, Washington, D.C.
1999-2000 Postdoctoral Fellowship, Mental Health Services Research,
Department of Mental Health, Johns Hopkins University Bloomberg School of Public Health

Research Interests

Dr. Turner-Musa's early research focused on the role of social support and family structure on survival of an African American sample with end-stage renal disease treated by center-based hemodialysis therapy. Specifically, this research examined how factors such as family structure and dialysis unit social processes influence patient survival. Given that kidney disease disproportionately affects African Americans and little is known about psychosocial factors implicated in disease processes, this research adds to the extant literature on chronic illness survival in an underrepresented sample.

Dr. Turner-Musa has extended her interest in health disparities and social contextual factors influencing them, through research on a behavioral health intervention designed to integrate behavioral health services for young children and their families into early childhood settings. Of particular interest is the prevention of substance use/abuse and improvement in academic outcomes of low-income African American children. The research was part of a larger multi-site study examining these processes in low-income families of infants and preschool aged children

Morgan State University Faculty Research Profiles

from diverse populations. This research has assisted in developing and utilizing interventions implemented during early development to address multiple behavioral, physical health, and educational needs of families.

Current research examines health promoting and health compromising behaviors in adolescent and young adult samples, most notably, college students. College represents a major developmental transition and may provide greater opportunities for engagement in health-compromising behaviors. To date, her research has examined the role of social support, religiosity/spirituality, and the use of an intervention utilizing hip-hop to prevent substance use and HIV.

Selected Publications:

* indicates co-authorship by student trainees

Holder, B., **Turner-Musa, J.**, Kimmel, P., Alleyne, S., Kobrin, S., Simmens, S., Cruz, I., and Reiss, D. (1998). Engagement of African American families in research on chronic illness: a multisystem approach. *Family Process*, 37(2), 127-151.

Turner-Musa, J., Leidner, D., Reiss, D., Simmens, S., Kimmel, P., and Holder, B. (1999). Family structure and patient survival in an African American chronically ill population: a preliminary investigation. *Social Science and Medicine*, 48, 1333-1340.

Belcher, H., **Turner-Musa, J.**, Sims, B., Leaf, P., Abramson, L., and Heard-Gladney, K., (2002). The development of the Baltimore BETTER family and community partnership. *NHSA Dialog*, 5(2/3), 149-173.

Brooks, K, Deere, D, Hanson, L, Jillson, I, Lee, C, Seval, C, & **Turner-Musa, J.** (2006). The Horn, I., Lewin, A., Turner-Musa, J., Edwards, M., & Joseph, J. (2006). The Use of AAP recommended disciplinary practice guidelines among African American caregivers of children in Head Start programs. *Public Health Reports*.

Turner-Musa, J. & Wilson, S.* (2006). Religious orientation and social support on health promoting behaviors of African American College Students. *Journal of Community Psychology*, 34(1), 105-115.

Turner-Musa, J. & Lipscomb, L* (2007). Spirituality, social support, and health compromising behaviors among African American college students. *American Journal of Health*, 31(5), 495-501.

Turner-Musa, J., Rhodes, W., Hicks-Harper, T., & Quinton, S. (2008). Hip-Hop to Prevent Substance Use and HIV Among African American Youth. *Journal of Drug Education*.

Lyn, A.*,**Turner-Musa, J.**, Morgan, I.*, and Belcher, H. (2014). Maternal characteristics associated with child behavior reports in early head start settings. *Journal of Community Psychology*. 42(5), 571-582.

Morgan State University Faculty Research Profiles

Belcher, H., Stone, J., McFadden, J., Harris, L., Wheeler, B., Yorker, B., Hoffman, B., Van Osdel, J., Hemmingson, T., & **Turner-Musa, J.** (2015). Evaluating Maternal and Child Health and Leadership Competencies of Emerging MCH Leaders: The MCHC/RISE-UP Experience. *Maternal and Child Health Journal.*, 19 (12), 2560-2567.

Morgan State University Faculty Research Profiles

Laurens Van Sluytman
Professor – Masters in Social Work Department

MSU Campus
Office: Jenkins, Room 343
Phone: 443-885-3901

E-mail: laurens.vansluytman@morgan.edu



Education:

MSW, Columbia University

PhD, Graduate School and University Center, CUNY

Research Interests:

Gender, HIV, Public Health and Policy, Sex/Sexuality, Race, Deindustrialization

Recent and Selected Publications:

L.G. Van Sluytman (in press). Oh Baltimore: Incarceration and Re-entry in Marginalized Communities. *Critical Social Work*

L.G. Van Sluytman, Spikes, P., Nandi, V., Van Tieu, H., Frye, V., Patterson, J., & Koblin, B. (2015). Ties that bind: community attachment and the experience of discrimination among Black men who have sex with men. *Culture, Health & Sexuality*, 3:1–14.

L.G. Van Sluytman, Torres, D. (2014) Hidden Or Uninvited? A Content Analysis Of Elder LGBT Of Color Literature In Gerontology. *Journal of Gerontological Social Work*. 57(2-4), 130-160.

L.G. Van Sluytman, Braine, N., Acker, C.J., Friedman, S., & Des Jarlais, DC (2013). Migration Narratives: Expanding Methods to Examine the Interaction of Person and Environment among Aging Gay Men. *Journal of Gerontological Social Work*. 56 (3), 219-236

Braine, N., **L.G. Van Sluytman**, Acker, CJ, Friedman, S., & Des Jarlais, DC (2011). "Sexual contexts and the process of risk reduction." *Culture, Health and Sexuality* 13(7); 797–814

Braine, N., Acker, C., **L.G. Van Sluytman**, DesJarlais, D., & Friedman, S. (2011). Drug use, community action and public health: gay men and crystal meth in NYC, *Substance Use and Misuse*.46(4); 368-380

Morgan State University Faculty Research Profiles

- Braine, N., **L.G. Van Sluytman**, Acker, C., DesJarlais, D., & Friedman, S. (2010). Money, Drugs, and Bodies: Exchange Sex from Multiple Contexts and Perspectives. *Journal of Gay and Lesbian Social Services*, 2(4); 463-485.
- Wheeler, D. P., Lauby, J, L., Liu, K., **L.G. Van Sluytman**, & Murrill, C. (2008). A Comparison of Characteristics of Sexual Risk among Black men who have sex with men and Black men who have sex with men and women in New York City and Philadelphia. *Archives of Sexual Behavior*, 37(5), 697-707.

Morgan State University Faculty Research Profiles

Fernando A. Wagner

**Professor – Department of Public Health Analysis; School of Community Health and Policy;
Director – Prevention Sciences Research Center**

MSU Campus
Office: Portage, Room 103
Phone: 443-885-4518
E-mail: fernando.wagner@morgan.edu



Education:

1999-00 Johns Hopkins University. School of Hygiene and Public Health. Department of Mental Hygiene. Post-doctoral fellow on drug dependence epidemiology and psychiatric epidemiology.
1996-99 Johns Hopkins University. School of Hygiene and Public Health. Department of Mental Hygiene. Doctor of Science. Dissertation: Primordial factors associated with initiation of marijuana use and transition to cocaine use.

1992-93 Johns Hopkins University. School of Hygiene and Public Health. Master of Public Health (Awarded in 1994).

Hubert H. Humphrey Fellow in drug abuse/dependence, sponsored by the United States Information Agency. Johns Hopkins University. School of Hygiene and Public Health. Department of Mental Hygiene.

Addiction Research Center. Etiology Branch. Epidemiology Unit. Guest Researcher.

1984-88 Escuela Interdisciplinaria de Aprendizaje y Comunicación Grupal. Diploma: Group Facilitator. Thesis: Fusión Rigidificada y Retroceso a la Serialidad en Grupo Operativo. Contribución para Romper y Reanudar la Reacción Procesual Negativa. [Rigid fusion and moving back into a series in operative groups. Contribution to stop negative process reactions and restart group process progression]. Mexico.

1977-82 Instituto Tecnológico Autónomo de México. Licenciado en Ciencias Sociales. Thesis: Diseño de un sistema de evaluación para un proyecto preventivo de la farmacodependencia a

Morgan State University Faculty Research Profiles

nivel nacional. [Design of a system to evaluate a national drug dependence prevention intervention]. Mexico.

Research Interests:

Public mental health, particularly in drug dependence, depression, and suicide.

Recent and Selected Publications:

Peralta, RL, Stewart, BC, Steele, JL, **Wagner, FA**. (2016). Non-Medical Use of Prescription Drugs in Emerging Adulthood: Differentiating Sex from Gender. *Addiction Research & Theory*, 24(5):1-9.

Wagner, FA, Sheikhattari, P, Buccheri, J, Gunning, M, Bleich, L, Schutzman, C. (2016). A Community-Based Participatory Research on Smoking Cessation Intervention for Urban Communities. *Journal of Health Care for the Poor and Underserved* 27:35–50.

Alanís-Navarro, S, Berenzón-Gorn, S, Vázquez-Pineda, F, **Wagner, FA**, Cárdenas-López, G. (2015). Restricciones al consumo de alcohol en un grupo de adolescentes mexicanos. *Psicología Iberoamericana* 23(2): 7-16. ISSN 1405-0943.

Gonzalez-Forteza C, Hermosillo EA, Vacio-Muro MA, Peralta R, & **Wagner FA**. (2015). Depression among adolescents. Perspectives for public health and clinical practice. *Boletín Médico del Hospital Infantil de México* 72(2):149-155.

González-Forteza, C, Juárez-López, CE, Montejó-León, LA, Oseguera-Díaz, G, **Wagner, FA**, & Jiménez-Tapia, A. (2015). Ideación suicida y su asociación con drogas, depresión e impulsividad en una muestra representativa de estudiantes de secundaria del estado de Campeche, México. *Acta Universitaria*, 25(NE-2), 29-34. doi: 10.15174/au.2015.862

Jiménez-Tapia, A, **Wagner, FA**, Rivera-Heredia, ME, González-Forteza, C. (2015). Estudio de la depresión en estudiantes de la Ciudad de México y del Estado de Michoacán por medio de la versión revisada de la CES-D. *Salud Mental* 38(2):103-107.

Unikel-Santoncini, C, Díaz-de-León-Vázquez, C, González-Forteza, C, **Wagner, FA**, & Rivera-Márquez, JA. (2015). Conducta alimentaria de riesgo, síntomas depresivos y correlatos psicosociales en estudiantes universitarios de primer ingreso. *Acta Universitaria*, 25(NE-2), 35-39. doi: 10.15174/au.2015.847

Wagner, FA, Sanchez-Garcia, S, Rabay-Ganem, C. (2015). Reporte de Investigacion. In Sanchez-Garcia et al (Eds) *Aspectos Metodológicos en la Investigación Odontológica*. Editorial Alfil. Mexico, pp 323-346.

Johnson C, Sheikhattari P, Lao L, Bronner Y, and **Wagner FA** (2015). Implementation and Feasibility of an Auricular Acupuncture Intervention for Smoking Cessation in a Residential Spiritual Recovery Program: A Pilot Study. *Journal of Health Disparities Research and Practice* 5(3): 42 – 71.

Pérez-Zepeda MU, Arango-Lopera VE, **Wagner FA**, Gallo JJ, Sánchez-García S, Juárez-Cedillo T, García-Peña C. Factors associated with help-seeking behaviors in Mexican older individuals with depressive symptoms: a cross-sectional study. *Int J Geriatr Psychiatry*. 2013 Dec;28(12):1260-9. doi: 10.1002/gps.3953. Epub 2013 Apr 14. PubMed PMID: 23585359; PubMed Central PMCID: PMC3797168.

Morgan State University Faculty Research Profiles

- Sánchez-García S, García-Peña C, González-Forteza C, Jiménez-Tapia A, Gallo JJ, **Wagner FA** (2014). Depressive Symptoms among Adolescents and Older Adults in Mexico City. *Social Psychiatry and Psychiatric Epidemiology*. Accepted.
- García-Peña C, **Wagner FA**, Sánchez-García S, Espinel-Bermúdez C, Juárez-Cedillo T, Pérez-Zepeda M, Arango-Lopera V, Franco-Marina F, Ramírez-Aldana R, Gallo JJ (2013). Late-life depressive symptoms: prediction models of change. *J Affect Disord*. 150(3):886-94. PMID: 23731940
- Wagner FA**, González-Forteza C, Sánchez-García S, García-Peña C, Gallo JJ (2012). Enfocando la depresión como problema de salud pública en México. [Targeting Depression as a Public Health Problem in Mexico]. *Salud Mental* 35:3-11.
- González-Forteza C, **Wagner FA**, Jiménez -Tapia A (2012). Escala de Depresión del Centro de Estudios Epidemiológicos (CES-D) en México: Análisis bibliométrico. [Center of Epidemiological Studies of Depression Scale (CES-D) in Mexico: Bibliometric Analysis]. *Salud Mental* 35:13-20.
- Sánchez-García S, Juárez-Cedillo T, Gallegos-Carrillo K, Gallo JJ, **Wagner FA**, García-Peña C (2012). Frecuencia de los síntomas depresivos entre adultos mayores de la Ciudad de México. [Frequency of depressive symptoms among older adults in Mexico City]. *Salud Mental* 35:71-77.
- Storr CL, **Wagner FA**, Chen CY, Anthony JC (2011). Childhood predictors of first chance to use and use of cannabis by young adulthood. *Drug and Alcohol Dependence*. 117(1):7-15. PMID: 21288658.
- Alvanzo, AAH, Storr CL, La Flair L, Green KM, **Wagner FA**, Crum RM (2011). Race/ethnicity and sex differences in progression from drinking initiation to the development of alcohol dependence. *Drug and Alcohol Dependence*. 118(2-3):375-82. PMID: 21652154.
- Wang Y, Storr CL, Browne DC, **Wagner FA** (2011). Early Sexual Experience and Later Onset of Illegal Drug Use among African American Students on HBCU Campuses. *Substance Use and Misuse* 46(4):543-51.
- Juárez-Cedillo T, Sánchez-García S, Mould-Quevedo JF, García-Peña C, Gallo JJ, **Wagner FA**, Vargas-Alarcón G (2010). Cost-effective analysis of genotyping using oral cells in the geriatric population. *Genet. Mol. Res*. 9 (3): 1886-1895.
- García-Peña C, Juárez-Cedillo T, Cruz-Robles D, Fragoso JM, Sánchez-García S, Rodríguez-Pérez JM, Franco-Marina F; Gallo JJ, **Wagner FA**, Vargas-Alarcón G (2010). Depressive symptoms and APOE polymorphisms in an elderly population-based sample. *Psychiatr Genet*. 20(5):215-20.
- Sheikhhattari P, Clubb PA, Beharie R, Zhu S, Wang Y, **Wagner FA** (2010). Risky Sexual Behavior among Freshman Students in a Historically Black College of the United States of America. *World Academy of Science, Engineering and Technology* 66: 1537-1544.
- Sheikhhattari P., Zhu S, Clubb PA, **Wagner FA** (2010). New Insights on Tobacco Smoking among the Underserved and Poor. *World Academy of Science, Engineering and Technology*. 66: 400-405.
- Franco-Marina F, García-González JJ, **Wagner FA**, Gallo J, Ugalde O, Sánchez-García S, Espinel-Bermúdez C, Juárez-Cedillo T, Rodríguez MA, García-Peña C, (2010). The Mini-Mental State Examination revisited: ceiling and floor effects after score adjustment for educational level in an aging Mexican population. *Int Psychogeriatr* 22:72-81.
- Zhu S, Wang Y, Browne DC, **Wagner FA** (2009). Racial/ethnic differences in parental concern about their child's drug use in a nationally representative sample in the United States. *J Natl Med Assoc* 101:915-9.

Morgan State University Faculty Research Profiles

- Diaz-Negrete BD, Arellanez-Hernández JL, Pérez-Islas V, **Wagner FA** (2009). Psychosocial correlates of drug abuse and dependence among Mexican youth. *Revista Médica del Instituto Mexicano del Seguro Social* 47 (Supl 1): S13-S20.
- García-Peña C, **Wagner FA**, Sánchez-García S, Juárez-Cedillo T, Espinel-Bermúdez C, García-González JJ, Gallegos-Carrillo K, Franco-Marina F, Gallo JJ (2009). A Study of Depressive Symptoms among Older Adults in Mexico City. *Journal of General Internal Medicine* 23:1973-80.
- Browne, DC, Clubb PA, Wang Y, **Wagner FA** (2009). Drug-taking and high-risk sexual behaviors among African-American males enrolled at HBCUs: A comparison of men who have sex with men (MSM) and men who have Sex with women (MSW). *American Journal of Public Health* 99:1062-6.
- Caris L, **Wagner FA**, Ríos-Bedoya CF, Anthony JC (2009). Opportunities to use drugs and stages of drug involvement outside the United States: Evidence from the Republic of Chile. *Drug and Alcohol Dependence* 102:30-4.
- Wang Y, Browne DC, Petras H, Stuart E, **Wagner FA**, Lambert SF, Ialongo NS (2008). Depressed Mood and the Effect of Two Universal First-Grade Preventive Interventions on Survival to the First Tobacco Cigarette Smoked Among Urban Youth. *Drug and Alcohol Dependence* 100:194-203.
- Gallegos-Carrillo K, Mudgal J, Sánchez-García S, **Wagner FA**, Gallo JJ, Salmerón J, García-Peña C (2008). Social networks and quality of life. *Salud Publica de Mexico* 51:6-13.
- Sánchez-García S, Juárez-Cedillo T, García-González JJ, Espinel-Bermudez C, Gallo JJ, **Wagner FA**, García-Peña MC (2008). Usefulness of two instruments in assessing depression among elderly Mexicans in population studies and for primary care. *Salud Publica de Mexico* 50:447-56.
- González-Forteza C, Jiménez-Tapia JA, Ramos-Lira L, **Wagner FA** (2008). Application of the revised version of the Center of Epidemiological Studies Depression Scale in adolescent students from Mexico City. *Salud Publica Mexico*. 50(4): 292-299.
- Jagers R, **Wagner FA**, Scott-Johnson P, Wang Y, Browne DC (2007). Elevated depressive symptoms in a community sample of African-Americans and Whites from Comparable Conditions. *Journal Health Disparities Research and Practice* 2: 21-34.
- Gaskin DJ, Arbelaez JJ, Brown JR, Petras H, **Wagner FA**, Cooper LA (2007). Examining racial and ethnic disparities in site of usual source of care. *Journal of the National Medical Association* 99:22-30.
- Wagner FA**, Anthony JC (2007). Male-female differences in the risk of progression from first use to dependence upon cannabis, cocaine, and alcohol. *Drug and Alcohol Dependence* 86:191-8.
- Ramos-Lira LE, González-Forteza C, **Wagner FA** (2006). Violent victimization and drug involvement among Mexican middle-school students. *Addiction* 101:850-856.
- Wang Y, Storr CL, Browne DC, **Wagner FA** (2005). Gender and the tobacco-depression relationship: a sample of African American seniors at a Historically Black College or University (HBCU). *Addictive Behaviors* 30:1437-41.
- Caraveo -Anduaga JJ, Nicolini-Sánchez H, Villa-Romero A, **Wagner FA** (2005). Psychopathology across three family generations: an epidemiological study in Mexico City. *Salud Publica Mexico* 47:20-26.

Morgan State University Faculty Research Profiles

Wagner FA, Velasco-Mondragón HE, Herrera-Vazquez M, Borges G, Lazcano E (2005). Early alcohol and tobacco use and transition to other drug use among students in the State of Morelos, Mexico. *Drug and Alcohol Dependence* 77:93-96.

Zarba A, Storr CL, **Wagner FA** (2005). Carrying old habits into old age: Prescription drug use without medical advice among older American adults. *Journal of the American Geriatrics Society* 53(1):170-171.

Morgan State University Faculty Research Profiles

Ziping Wang

Associate Professor – Department of Information Science & Systems

MSU Campus

Office: SBM, Room 532

Phone: 443-885-3517

E-mail: ziping.wang@morgan.edu



Education:

Ph.D. in Operations Management at University of Wisconsin-Milwaukee
Bachelor and Master degrees in Operations Research at Nanjing University

Research Interests:

Global Supply Chain Management, Risk Management, E-commerce, Port Logistics, Transaction cost economies, Pricing Strategy and Revenue Management, and Network Security

Recent and Selected Publications:

- Wang, Z.**, Gao, W., & Mukhopadhyay, S. (2016). Impact of taxation on international transfer pricing and offshoring decisions. *Annals of Operations Research*, 240 (2), 683-707
- Liu, J., **Wang, Z.**, Yao, D., & Yue, X. (2016). Transaction cost analysis of supply chain logistics services: firm-based versus port-focal. *Journal of the Operational Research Society*, 67 (2), 176-186
- Wang, Z.**, D. Yao, and X. Yue, (2015). "E-business System Investment for Fresh Agricultural Food Industry in China". *Annals of Operations Research*, 10.1007/s10479-015-1830-8
- Wang, Z.** and X. Yue. (2015). "Global Supply Chain Decisions in Multiple Markets: Impact of Transfer Pricing", *Proceeding of 2015 DSI Annual Meeting*.
- Wang, Z.**, Yao, D., & Mukhopadhyay, S. (2013). Bayesian Pricing Strategy for Information Goods. *International Journal of Operations Research*, 17, 399-416.
- Li, X., Qian, H., Yu, Y., Weng, J., & **Wang, Z.** (2013). Robust password changing and DoS resilience for human-centric password authentication. *Security and Communication Networks*, DOI: 10.1002/sec.768

Morgan State University Faculty Research Profiles

Yao, D., **Wang, Z.**, Mukhopadhyay, S., & Cong, Y. (2012). Dynamic Pricing Strategy for Subscription-based Information Goods. *Journal of Revenue & Pricing Management*, 11, 210-224.

Morgan State University Faculty Research Profiles

Kimberly Warren

Associate Professor – Psychology

MSU Campus

Office: Jenkins, Room 413

Phone: 443-885-3492

E-mail: kimberly.warren@morgan.edu



Education:

B.A., M.A., Ph.D., University of Maryland, Baltimore County

Research Interests:

Obesity, promotion of healthy behaviors, effects of exercise on neurocognition, and metabolic disease risk in underserved populations

Recent and Selected Publications:

Back to Index by [Faculty Last Name](#) or [Department/Area of Expertise](#)

Morgan State University Faculty Research Profiles

Jackson, J., Eaton, W., Cascella, N., Fasano, A., Warfel, D., Feldman, S., Richardson, C., Vyas, G., Linthicum, J., Santora, D., **Warren, K.R.**, Carpenter, W.T., Kelly, D.L. (2012). A Gluten-Free Diet in People with Schizophrenia and Anti-Tissue Transglutaminase or Anti-Gliadin Antibodies. *Schizophrenia Research* (*in press*).

Koola, M.M.; McMahon, R.P., Wehring, H., Liu, F., Mackowick, K., **Warren, K.R.**, Feldman, S., Shim, J., Love, R., Kelly, D.L. (2012). Alcohol and Cannabis Use and Mortality in People with Schizophrenia and Related Psychotic Disorders. *Journal of Psychiatric Research* (*in press*).

Warren, K.R., Buchanan, R.W., Feldman, S., Conley, R.R., Linthicum, J., Ball, M.P., Liu, F., McMahon, R.P., Gorelick, D.A., Huestis, M.A., Kelly, D.L. (2012). Effects of the cannabinoid-1 receptor antagonist rimonabant on satiety signaling in overweight people with schizophrenia: A randomized, double-blind pilot study. *Journal of Clinical Psychopharmacology* (*in press*).

Ball, M.P., **Warren, K.R.**, Feldman, S., McMahon, R., & Buchanan, R.W. (2011). Placebo-controlled trial of atomoxetine to augment a weight reduction program in patients with schizophrenia treated with clozapine or olanzapine. *Clinical Schizophrenia & Related Psychoses*, 5(1), 17-25.

Strauss, G.P., Wilbur, R.C., **Warren, K.R.**, August, S.M., Gold, J.M. (2011). Anticipatory vs. Consummatory Pleasure: What is the Nature of Hedonic Deficits in Schizophrenia? *Psychiatry Research*, 187(1-2), 36-41. PMID: 21295860.

Kelly, D.L., Gorelick, D.A., Conley, R.R., Boggs, D.L., Linthicum, J., Liu, F., Feldman, S., Ball, M.P., Wehring, H.J., McMahon, R.P., Huestis, M.A., Heishman, S.J., **Warren, K.R.**, Buchanan, R.W. (2011). Effects of the cannabinoid-1 receptor antagonist rimonabant on psychiatric symptoms in overweight patients with schizophrenia: A randomized, double-blind pilot study. *Journal of Clinical Neuropsychopharmacology*, 31(1), 86-91. PMID: 21192149.

Wehring, H.J., Liu, F., McMahon, R.P., Spieker, E.A., **Warren, K.R.**, Boggs, D.L., Love, R.C., Dickinson, D., Shim, J.C., Fowler, D., Kelly, D.L. (2010) The relationship of brain weight to body mass index (BMI) upon autopsy in young people with severe mental illness. *Schizophrenia Research*, 123, 86-7. PMID 20800997.

Warren, K.R., Ball, M.P., Feldman, S., Liu, F., McMahon, R.P., Kelly, D.L. (2010). Exercise program adherence using a 5 Kilometer (5K) event as an achievable goal in people with schizophrenia, *Biological Research for Nursing*, 13(4), 383-390. PMID: 21196420.

Morgan State University Faculty Research Profiles

Kelly, D.L., McMahon, R.P., Liu, F., Love, R.C., Wehring, H., Shim, J.C., **Warren, K.R.**, & Conley, R.R. (2010). Cardiovascular disease mortality in patients with chronic schizophrenia treated with clozapine: A retrospective cohort study, *Journal of Clinical Psychiatry*, *71*(3), 304-311.

Kelly, D.L., McMahon, R.P., Wehring, H.J., Liu, F., Mackowick, K.M., Boggs, D.L., Warren, K.R., Feldman, S., Shim, J.C., Love, R.C., & Dixon, L. (2009). Cigarette smoking and mortality risk in people with schizophrenia, *Schizophrenia Bulletin*, *37*(4) 832-838. PMID: 20019128.

Warren, K.R. & Kelly, D.L. (2008). Brief Psychotic Disorder, *British Medical Journal*, online monograph: <https://online.epocrates.com/u/29111118/Brief+psychotic+disorder>.

Kautz, M. Russo, M. Yu, M, Johnson, D., Warren, K., Kendall, A. & Sing, H. (2005). Evaluation of oculomotor functioning during 40-hours of continuous wakefulness. Aviation Space and Environmental Medicine, 76(3 S1), 384.

Warwick, Z. S., Synowski, S. J., & Bell, K.R. (2002). Dietary fat content affects energy intake and weight gain independent of diet caloric density in rats. Physiology & Behavior, 77, 85-90.

Morgan State University Faculty Research Profiles

Morgan State University Faculty Research Profiles

Anita M. Wells

Associate Professor – Clinical Psychology

MSU Campus

Office: Jenkins, Room 415

Phone: 443-885-3495

E-mail: anita.wells@morgan.edu

Education:

Ph.D. Clinical Psychology, Northwestern University Feinberg School of Medicine

M.A. Psychology, Wesleyan University

B.A. African American Studies, Yale University



Research Interests:

Psychosocial factors associated with the impact of trauma and violence on mental health, physical health and academic performance, correlates of student success and career readiness, health and wellness among veterans, military service members and their families, and biopsychosocial perspectives in addressing health disparities.

Recent and Selected Publications:

Estreet, A., **Wells, A. M.**, Tirmazi, M. T., Sinclair, M., & Nebbit, V. E. (2016). Race and social justice in Baltimore: The youth perspective. *Reflections – Narratives of Professional Helping*, 21 (3), 64-75.

Thrasher, A. D., **Wells, A. M.**, Spencer, S. M., Colie, L., & Yen, I. H. (2016). Workplace discrimination is associated with alcohol abuse among ethnically diverse hospital staff. *Workplace Health & Safety*, 64, 202-209.

Morgan State University Faculty Research Profiles

Hodges, A.B. & **Wells, A. M.** (2015). Developing STEM scholars with vision: Psychology plants seeds of excellence in J. McClinton, C. R. Jackson, M. A. Melton, & K. Engerman (Eds.) *Infusing Research into Historically Black Colleges and Universities' Curricula* (pp. 241-257). United Kingdom: Emerald Group Publishing, Limited.

Ladeji-Osias, J.K. & **Wells, A.M.** (2014). Best practices in classroom management for today's university environment. *American Society for Engineering Education Conference Proceedings* (a peer-reviewed publication of full-length articles).

Wells, A. M., Mance, G. A., & Tirmazi, M. T. (2010) A Place at the Table: Mental health in the realm of primary prevention. In L. Cohen, V. Chávez, & S. Chehimi (Eds.) *Prevention is Primary*. San Francisco, California: Jossey-Bass.

Bowie, J. V., **Wells, A. M.**, Juon, H., Sydnor, K. D. Rodriguez, E. M. (2008). How old are African American women when they receive their first mammogram? Results from a church-based study. *Journal of Community Health*, 33 (4), 183-191.

Stolley, M.R., Sharp, L.K., **Wells, A.M.**, Simon, N, Schiffer, L. (October 2006). Health behaviors and breast cancer: Experiences of urban African American women. *Health Education & Behavior*, 33 (5), 604-624.

Fitzgibbon, M. L., Stolley, M. R., Ganschow, P., Schiffer, L., **Wells, A.**, Simon, N., Dyer, A. (October 2005). Results of a faith-based weight loss intervention for black women. *Journal of the National Medical Association*, 97 (10), 1393-1402.

Fitzgibbon, M. L., Stolley, M. R., Schiffer, L., Sanchez-Johnsen, L. A. P., **Wells, A. M.**, & Dyer, A. (April 2005). A combined breast health/ weight loss intervention for black women. *Preventive Medicine*, 40 (4), 373-383.

Angela Winstead, Ph.D.
Interim Chairperson for Chemistry Department
Professor – Chemistry Department

MSU Campus
Office: Spencer Hall, Room 318B
Phone: 443-885-3794
E-mail: angela.winstead@morgan.edu

Morgan State University Faculty Research Profiles



Education:

Postdoctoral Fellow, Organic Chemistry, The Ohio State University, Columbus Ohio
Ph.D. Chemistry, University of North Carolina at Chapel Hill
B.S. Chemistry, Spelman College, Atlanta, Georgia

Research Interests:

STEM Education, Microwave Synthesis of Near-IR Heptamethine Cyanine Dyes and Pathogen Detection

Recent and Selected Publications:

Medley, J., Payne, P., Banerjee, H., Giri, D., Winstead, A., Wachira, J., Krause, J., Shaw, R., Praminik, S., Mandal, S. "DNA-Binding and Cytotoxic Efficacy Studies of Organorhenium Pentylcarbonate Compounds" *Molecular and Cellular Biochemistry*, 2015, 398(1-2), 21-31.

Grow, M., Winstead, A., Matthews, R. "Microwave synthesis of Sulfonated Cyanine Dyes for Use as Biosensors" *48th Annual Microwave Symposium Proceedings*, 2014, ISBN: 978-0-956274748, New Orleans, LA. 58-61.

C. Parson, V. Smith, C. Krauss, H. N. Banerjee, C. Reilly, J. A. Krause, J. M. Wachira, D. Giri, A. Winstead, S. K. Mandal, *Brit. J.* "Anticancer Properties of Novel Rhenium Pentylcarbanato Compounds against MDA-MB-468(HTB-132) Triple Node Negative Human Breast Cancer Cell Lines" *Pharmaceut. Res.* 2014, 4(3), 362-267.

Winstead, A., Nyambura, G., Matthews, R., Toney, D. Synthesis of Quaternary Heterocyclic Salts. *Molecules*, 2013, 18, 11, 14306-14319.

T C. Parson, V. Smith, C. Krauss, H. N. Banerjee, C. Reilly, J. A. Krause, J. M. Wachira, D. Giri, A. Winstead, S. K. Mandal, J. "The effect of novel rhenium compounds on lymphosarcoma, PC-3 prostate and myeloid leukemia cancer cell lines and an investigation on the DNA binding properties of one of these compounds through electronic spectroscopy", *Bioprocess. Biotechniq.* 2013, 4, 141.

Winstead, A. "General Chemistry Lab Manual. An Integrated Critical Thinking Approach" in press McGraw-Hill, 2013 ISBN: 1259117707

Morgan State University Faculty Research Profiles

Toney, D.; Winstead, A. A Redesigned General Chemistry Course to Improve Student Performance through Inquiry Based Learning. 2013, International Conference of Education, Research and Innovation Conference Proceedings, Madrid, Spain.

Michael K. Mbagu, Divine N. Kebulu, Angela Winstead, Saroj K. Pramanik, Hirendra Banerjee, Maurice O. Iwunzea, James P. Wachirab, George E. Greco, Gregory K. Haynes, Fazlul H. Sarkar, Douglas M. Hof, Robert D. Pikeg, Santosh K. Mandal, "Fac-tricarbonyl(pentylcarbonato)(α -diimine)rhenium complexes, $(CO)_3(\alpha$ -diimine)ReOC(O)OC₅H₁₁: one-pot synthesis from Re₂(CO)₁₀, characterization, and fluorescence and cytotoxicity studies." Inorganic Chemistry Communications, 2012, 21, 35-38.

Winstead, A., Oyaghire, S. "1-(6-Ethoxy-6-oxohexyl)-4-methylquinolinium Iodide" Council on Undergraduate Research (CUR), Undergraduate Research Highlights, January 2011.

Winstead, A. and Williams, R. "Application of microwave organic synthesis to the synthesis of cyanine dye probes", Environmental Biosensors / Book 3, ISBN: 978-953-307-486-3, 2011, pp. 237-254.