

# Morgan State University

---

## External Research Advisory Panel

Report No. 2

December 2014

**Submitted to:**

*Dr. Victor R. McCrary, Vice President, Research & Economic Development*

**Compiled by:**

*Dr. Edet E. Isuk, Director, Research Compliance*

**Edited by:**

*Dr. J.V. Ortiz, Panel Chair*



**MORGAN**  
**STATE UNIVERSITY™**

---

*Growing the Future ~ Leading the World*

**Morgan State University**  
***External Research Advisory Panel***  
**Report #2**  
**December 2014**

**TABLE OF CONTENTS**

<b>Panel Members.....</b>	<b>2</b>
<b>MSU D-RED Senior Staff .....</b>	<b>3</b>
<b>ERAP Roles and Responsibilities .....</b>	<b>4</b>
<b>MSU Vision and Mission.....</b>	<b>5</b>
Augmenting the Impact of Non-STEM Scholarship.....	6
Interdisciplinary Focus .....	6
Funding Opportunities.....	6
Faculty Career Development .....	7
Catalyzing Career and Institutional Advancement .....	7
Building on Local Presence.....	7
Interdisciplinary Collaborations .....	8
Cybersecurity.....	9
Fort Meade Alliance .....	10
Community Outreach.....	10
Technology Transfer.....	10
<b>Follow-up ERAP meeting.....</b>	<b>11</b>
<b>Meeting Agenda.....</b>	<b>12</b>
<b>APPENDIX .....</b>	<b>13</b>

# *Morgan State University*

## *External Research Advisory Panel*



**Ms. Tanaga Boozer**  
Program Advisor  
United States Patent and Trademark Office  
Office of Education and Outreach



**Dr. Filomena Califano**  
Associate Professor of Chemistry and  
Physics  
St. Francis College



**Ms. Camylle Coley**  
Senior Consultant to the Director  
Department of Defense Small Business Programs



**Ms. Kelley L. Dempsey**  
Senior Information Security Specialist  
National Institute of Standards and  
Technology  
Information Technology Laboratory/  
Computer Security Division



**Dr. Anthony Dent**  
Adjunct Professor  
Cheyney University



**Mr. J. Walter Falconer**  
President  
Strategic Space Solutions, LLC



**Mr. Vincent B. Knox**  
Senior Associate General Counsel  
Johns Hopkins University Applied Physics  
Laboratory



**Ms. Joanne C. Murphy**  
Chief Architect, CISSP  
Signature Client Group  
AT&T Operations, Inc.



**Ms. Magdalena Navarro**  
Physical Scientist/Senior International Program  
Manager  
National Institute of Standards and Technology  
International and Academic Affairs/ Office of the  
Director



**Dr. Godwin Odia**  
Captain, USPHS  
Centers for Medicare & Medicaid Services



**Dr. J. V. Ortiz**  
Ruth W. Molette Professor and Chairman  
Department of Chemistry and Biochemistry  
Auburn University



**Dr. Dianne Poster**  
Special Assistant to the Acting Director  
Director's Office  
National Institute of Standards and  
Technology



**Ms. Betsy Proch**  
IT Security Analyst  
US Department of Homeland Security



**General William E. (Kip) Ward** (U.S.  
Army Retired)  
President and COO  
SENTEL Corporation

**Submitted to:**

Dr. Victor R. McCrary, Vice President, Research & Economic Development

**Compiled by:**

Dr. Edet E. Isuk, Director, Research Compliance

**Edited by:**

Dr. J.V. Ortiz, Panel Chair

## MSU Division of Research & Economic Development (D-RED) Senior Staff



Dr. David Wilson  
*President*  
Morgan State University



Dr. Victor McCrary  
*Vice President*  
Division of Research & Economic Development



Dr. Mildred H. Ofosu  
Assistant Vice President  
Research Administration



Dr. Tim Akers  
Assistant Vice President  
Research Innovation & Advocacy



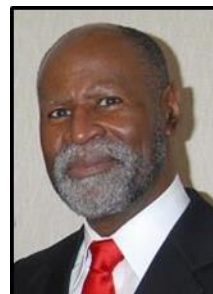
Dr. Edet Isuk  
Director  
Research Compliance



Gerald Whitaker  
Director  
Defense & Space  
Program



Dr. Kelton Clark  
Director  
PEARL



Ellis Brown  
Director  
Morgan Community  
Mile



Jeffrey Copeland  
Director  
Restricted Funds  
Accounting

**Morgan State University External Research & Advisory Panel (ERAP)  
Roles and Responsibilities**

**General Statement**

The principal objective of the External Research & Advisory Panel (ERAP) is to advise Morgan State University (MSU) on how to achieve its vision as it relates towards being a premier, *research*, urban institution that conducts high quality, forward-looking, innovative research activities across its various schools and colleges. In addition, the ERAP is expected to offer advice on areas supportive and aligned to Morgan's research enterprise including technology transfer, and economic development activities. The External Research & Advisory Panel will meet twice a year, and provide a written summary report of its observations and recommendations to the MSU Vice-President of Research & Economic Development. The VP of Research & Economic Development will share this report with the Morgan State University President, President's Cabinet, and the Morgan State University Internal Research Council.

**Specific Roles and Responsibilities**

- 1. Assess Morgan's Research Activities based on:**
  - a. Domain expertise and experience in specific research areas
  - b. Current research trends and prior work
  - c. Current funding levels and trends
  - d. Domestic and foreign technology advances
  - e. Balance of STEM & non-STEM research across the University
  
- 2. Assess Morgan's Research Administration by:**
  - a. Evaluating the overall University Research Strategy led by the VP for Research & Economic Development
  - b. Evaluating the University environment for its support of faculty research
  - c. Evaluating the adequacy of metrics to assess reporting of sponsored programs
  - d. Sharing of best-practices for oversight of sponsored programs
  - e. Sharing of best practices for technology transfer
  - f. Sharing of best practices for the University as a catalyst for economic development
  
- 3. Benchmark Morgan's Research Capabilities:**
  - a. Relative to alternative providers (e.g. other universities, National laboratories) and potential partners, based on quality, reputation and cost
  - b. Based on potential for technology transfer and potential work for industry (where appropriate)
  - c. Based on the adequacy of faculty to meet anticipated challenges
  - d. Based on the adequacy of technical facilities to meet anticipated challenges
  - e. Based on the University's reputation to attract both grants & contract and research faculty
  
- 4. Advocacy of Morgan's Research Enterprise by:**
  - a. Identification of potential partners and resources for Morgan State University
  - b. Identifying opportunities for faculty and staff members to increase participation on external boards, and working groups to increase their exposure to the greater research community

# MORGAN STATE UNIVERSITY

## Vision Statement<sup>i</sup>

Morgan State University is the premier public urban research university in Maryland, known for its excellence in teaching, intensive research, effective public service and community engagement. Morgan prepares diverse and competitive graduates for success in a global, interdependent society.

## Mission Statement<sup>ii</sup>

Morgan State University serves the community, region, state, nation, and world as an intellectual and creative resource by supporting, empowering and preparing high-quality, diverse graduates to lead the world. The University offers innovative, inclusive, and distinctive educational experiences to a broad cross section of the population in a comprehensive range of disciplines at the baccalaureate, master's, doctoral, and professional degree levels. Through collaborative pursuits, scholarly research, creative endeavors, and dedicated public service, the University gives significant priority to addressing societal problems, particularly those prevalent in urban communities.

## Core Values

The following institutional core values guide the promotion of student learning and success, faculty scholarship and research, and community engagement at Morgan:

- **Excellence.** Excellence in teaching, research, scholarship, creative endeavors, student services, and in all aspects of the University's operations is continuously pursued at Morgan to ensure institutional effectiveness and efficiency.
- **Integrity.** At Morgan, honest communications, ethical behavior, and accountability for words and deeds are expected from all members of the University community.
- **Respect.** Each person at Morgan is to be treated with respect and dignity and is to be treated equitably in all situations.
- **Diversity.** A broad diversity of people and ideas are welcomed and supported at Morgan as essential to quality education in a global interdependent society. Students will have reasonable and affordable access to a comprehensive range of high quality educational programs and services.
- **Innovation.** Morgan encourages and supports its faculty, staff, and students in all forms of scholarship including the discovery and application of knowledge in teaching and learning and in developing innovative products and processes.
- **Leadership.** Morgan seeks to provide rigorous academic curricula and challenging co-curricular opportunities to promote the development of leadership qualities in students and to facilitate leadership development among faculty, staff, and students.

---

<sup>i</sup> *Growing the Future, Leading the World: The Strategic Plan for Morgan State University, 2011-2021*

<sup>ii</sup> Ibid

# **Report of the External Research Advisory Panel Morgan State University**

**December 9, 2014**

On October 2, 2014, Dr. Victor McCrary, Vice President for Research at Morgan State University (MSU), convened the second meeting of the External Research Advisory Panel (ERAP). Several presentations, a tour of facilities and discussions among members of the panel, including a conference call on October 23, 2014, provided the background for written remarks from ERAP members that are summarized in this report.

## **1. Augmenting the Impact of Non-STEM Scholarship**

Presentations at the October 2014 ERAP meeting emphasized creative activities by members of the faculty from units that are not usually grouped with the so-called STEM (Science, Technology, Engineering and Mathematics) disciplines. All of the presentations succeeded in establishing the relevance of these activities to the core missions of Morgan State University (MSU). In fact, the results of some of these projects have immediate implications for public policy that affects MSU and its community. The units that have hired these individuals should be congratulated for identifying promising areas of scholarship and possible nuclei for additional creative activities.

## **2. Interdisciplinary Focus**

Much of this promise arises from the interdisciplinary character of the projects and from opportunities to involve faculty in neighboring fields. For example, the impact of research into improved materials for architectural applications may be augmented by engineering and economic analyses of the carbon footprints that correspond to traditional and proposed practices of construction. Novel approaches to instruction in fine art that stimulate community involvement provide opportunities for investigators in pure and applied social sciences. A deeper understanding of littoral urbanization has historical, cultural and technological dimensions that provide opportunities for scholarship by humanists and applied scientists. These three examples of interdisciplinary opportunity are likely to have counterparts in other units at MSU. There is no reason to expect that bridges between STEM and non-STEM fields cannot be

## **3. Funding Opportunities**

In recent years, funding agencies have sought to maximize the impact of their financial support on problems of urgent concern to society. In many cases, the complexity of proposed remedies demands the input of experts from several fields of study. Therefore, the most persuasive grant proposals often include the contributions of faculty from more than one department or college. Interdisciplinary teams that demonstrate a coherent approach to a complex problem are often the preferred vehicle for fulfilling an agency's missions.

#### **4. Faculty Career Development**

Criteria of scholarly distinction established at the departmental or college level may provide little immediate incentive for experienced teachers and researchers to participate in such interdisciplinary projects. Successful performance in undergraduate instruction and publication in specialized journals of established reputation may leave little time for faculty involvement in projects that have unfamiliar dimensions. New incentives that engage the faculty's desire for scholarly achievement and diversified professional opportunities may be needed.

Because undergraduate instruction in the humanities, languages, and the social, natural and formal sciences is fundamental and widely applicable, experienced members of the faculty with such expertise should be encouraged to learn about MSU's emerging nuclei of distinction in research and other creative activities. Their perspectives are likely to add scholarly, theoretical depth to funding proposals in these areas and to alert principal investigators in applied fields to related bodies of knowledge. The expertise of the faculty who are concerned with instruction in foundational disciplines also may be of direct use in the conduct of funded projects.

The most valuable commodity that can propitiate such professional growth is time. Learning the aspects of an interdisciplinary project that pertain to a particular field requires study and interaction with other scholars. Collaboration in scholarly publication and in the preparation of funding proposals also requires extended reflection and consultation. Reduced teaching and service responsibilities, tethered to a verifiable commitment to interdisciplinary, professional growth, can open new chapters in faculty careers that redound to the benefit of MSU and its community.

#### **5. Catalyzing Career and Institutional Advancement**

Because of its awareness of proposals and funded projects, the Division of Research and Economic Development (DRED) is in an ideal position to stimulate this kind of professional advancement and institutional growth. Symposia that gather experts who are familiar with distinct aspects of a complex problem, establishing relationships with funding agencies whose missions require diverse expertise, and brokering partnerships with scholars at institutions that have complementary facilities or personnel are among the tools that are at DRED's disposal. In all of these initiatives, the dissemination of information is crucial. With generalized awareness, the faculty will provide its best ideas and MSU will have the best chance to identify areas where it is most likely to achieve distinct.

#### **6. Building on Local Presence**

MSU's strengths clearly lie in its ties to the surrounding community of Baltimore. At the October meeting of the ERAP, presentations from the School of Architecture and Planning, the School of Social Work, the School of Education and Public Policy and the College of Liberal Arts evidenced a degree of integrated curriculum that brings in the best of MSU's resources. Additionally, ERAP had previously discerned MSU's commitment to the community through presentations in January on its programs such as the Morgan Community Mile, urban sustainability, the School of Community, Health and Policy, and the Patuxent Environmental and Aquatic Research Laboratory (PEARL). MSU would do well to continue to nurture and grow these connections within its own network and community, as well as the surrounding greater Baltimore community at large.



## 7. Interdisciplinary Collaborations

One area where MSU has been expanding its outreach is through its School of Architecture and Planning. Dean Mary Anne Akers, one of the initiators and founders of the Morgan Community Mile, noted that spatial equality is an ongoing concern of planners. Recognizing that public spaces are often neglected in poor areas, Dean Akers has encouraged her colleagues in the School of Architecture and Planning to be leaders in transforming the community. Dean Akers promotes this advancement for spatial justice throughout her department and supports her staff as they reach out to the community. A program of internships for students who are interested in these programs could become an important component of the educational experience offered by MSU.

Dr. Sami Rab Kirchner of the School of Architecture and Planning has been researching urban resilience and the urban consequences of building on shorelines through her work with the Maori in Hawaii and seascape urbanism in Dubai before modernization. As a recent arrival, she was drawn to MSU for its proximity to Baltimore, which has been touted as a successful example of building on a shoreline. She considers Baltimore to be an incubator for her work, where her research will help the community prepare for environmental change such as flooding caused by rising tides. Her research has shown how other cultures have anticipated flooding and built accordingly, yet modernization has meant that these old techniques of dealing with environmental change have been eradicated. Through study of Baltimore's shoreline building, how it has brought economic benefit to the surrounding area, but is also vulnerable to climatic change, this program may well change our understanding of environmental effects and become a model for the state and the nation. As this program develops, we recommend that Dr. Rab Kirchner reach out to PEARL, MSU's research facility that focuses on the Chesapeake Bay and its estuaries. Building this relationship with PEARL could supply significant insights to the problem of shoreline sustainability in an urban setting. In addition, the program would benefit from PEARL's existing relationships with NASA, NOAA, NAVSEA, Calvert County Economic Development, and the Academy of Natural Sciences at Drexel University.

Research presented by Dr. Jason Charalambides has several interdisciplinary implications that pertain to standards of construction, environmental impacts and architectural creativity. Opportunities for collaboration within MSU may be facilitated by bringing this work to the attention of scholars from other fields. Connections to NIST also should be investigated, including the possibility of sending MSU students to government laboratories where their research could be amplified by access to specialized facilities. Dr. Charalambides's research has promising applications and may be patentable. It is, therefore, important that he seek some form of intellectual property protection as soon as possible. Dr. Charalambides disclosed his product and method for improving concrete at a conference in May 2014. Whereas inventors in the U.S. are given a one-year grace period to seek patent protection, that is not the case in Europe. The university should be in position to seize opportunities that may lead to the commercialization of innovative technologies developed at MSU. An intellectual property webinar series or short course should be a prerequisite for submitting research proposals. This matter could be addressed in the employment contract or in the MSU Intellectual Property Policy. Researchers should be acquainted with the research policies, practices and expectations for conducting research at a premier research institution. Federal agencies are looking for innovative research proposals that contemplate tangible outcomes increasing the likelihood of substantial return on investment made in academic research.

As MSU expands its urban sustainability work, it should continue to coordinate between programs that seem to be unlikely matches, such as the College of Liberal Arts and the School of Social Work. The College of Liberal Arts, with its program of community art practice and service learning, is a natural fit with the School of Social Work. Ms. Blaise De Paolo noted that art is one of the best student engagement tools available to reach the community. Building relationships through art encourages trust that may enable intern social workers to invite conversations about health, nutrition, and environmental concerns. Local government, in Baltimore and elsewhere, may be interested in providing support. The College of Liberal Arts also should nurture its connection with the School of Architecture and Planning, with its emphasis on public spaces. Creating art in public spaces is a natural fit. Lighting, places to wander, benches that encourage idling are all architectural detail that

promote community. An additional characteristic of creating inviting spaces is that encouraging the public to engage in community spaces helps to discourage those who would carry out crime. Through connections such as the Open Society Art Institute in Baltimore, the College of Liberal Arts is expanding its connection with the community. Bringing in the Schools of Social Work and Architecture into its activities would augment all three schools, as well as benefiting the community.

The Department of Economics may benefit from an affiliation with the Business School, where opportunities for interdisciplinary collaboration in education and research may be more ample.

## **8. Cybersecurity**

Another aspect of urban sustainability is the need to stay safe in an increasingly connected virtual world. Smart phones and computers are ubiquitous, yet many do not have an understanding of the dangers of the Internet. MSU could perform an important service in the community by creating a program of cyber safety, utilizing its students as the catalysts. The School of Social Work may be a natural venue to take the lead in promoting the importance of cybersecurity to the community. Cyber security is a public health issue, as the cyber world is a dangerous place for young people. There are multiple avenues that the School of Social Work can explore to bring cyber security into its curriculum:

1. ISC2, one of the most respected organizations in cybersecurity, sponsors Safe and Secure Online (located at <https://www.isc2cares.org/safe-and-secure/>). This organization brings cyber security experts into classrooms to educate children ages 7-14 learn how to protect themselves online and become responsible digital citizens. The website provides information on how teachers and parents can educate on topics such as cyberbullying, malware, social media, and texting.
2. National Cyber Security Alliance (NCSA) sponsors Stay Safe Online (located at <http://www.staysafeonline.org/>). This website offers comprehensive advice on staying safe, including how to secure your home computer and how to protect your personal information. This organization also offers lesson plans and classroom materials for teaching online safety for K-12 and higher education. In addition, NCSA offers C-SAVE, a volunteer program to teach young people cybersecurity, cybersafety, and cyberethics.
3. Stop. Think. Connect. (located at <http://www.stopthinkconnect.org/>). This campaign was created by NCSA in conjunction with DHS, and provides Federal agencies, state, local, tribal and territorial (SLTT) governments and non-profit organizations the tools and resources they need to engage and educate their organizations, members, and constituents about cybersecurity. The organization provides toolkits and speakers, as well as multiple resources for educators, students, and parents.
4. National Initiative for Cybersecurity Education (located at <http://csrc.nist.gov/nice/>). NICE is a national campaign sponsored by NIST that is designed to improve the cyber behavior, skills, and knowledge of every segment of the population, enabling a safer cyberspace.

In addition, there are local public high schools that are developing and incorporating programs into the general curriculum that introduce students to the cyber security world. One such school is Chesapeake High School (CHS) in Pasadena Maryland, a suburb of Baltimore. CHS is a participant in the Anne Arundel County Public Schools (AACPS) Signature Programs, an Advanced Program for AACPS that includes professionals working with the teachers to create overlays (i.e. stories, practical application, exercises, etc.) on existing curriculum to link in Information Management (IM) as a topic throughout. The popular "Explorations" class at CHS overlays Information Management in areas such as change engineering, community development and global citizenship, and international economics and finance. These programs integrate curriculum in ways similar to MSU. MSU should consider reaching out to, perhaps even partnering with AACPS to explore ways to bring high school programs into these integrated fields, perhaps through offering summer classes at MSU that augment advanced high school students, even offering college credit in these integrated curriculums.

## **9. Fort Meade Alliance**

Another opportunity would be for MSU to connect with the Fort Meade Alliance. Their site [www.fortmeadealliance.org](http://www.fortmeadealliance.org) shows how the Fort Meade Alliance has brought businesses, government agencies and the overall Fort Meade community together to collaborate and target the future workforce in Maryland. In the "Regional Initiatives, Education" section, FMA discusses the different STEM related educational activities in which it is involved, such as STEM Family Night and Project SCOPE. In addition, FMA is planning an Education Forum in February at Johns Hopkins Applied Physics Lab. FMA is connected to other colleges in the area such as UMBC, AACC, and would welcome involvement by MSU with its significant work in STEM.

## **10. Community Outreach**

These programs are examples of MSU's forward thinking. Integrating MSU within its various schools, and also with the surrounding community results in a more complete education for its students and enhances MSU's reputation as a community builder. MSU can support these activities through expansion of its promotional activities. MSU has existing venues that can be used as conduits for getting the word out. The Morgan Community Mile network is a natural public relations organization that can be utilized by multiple programs. For example, the study of Baltimore's shoreline building is a relatively new program that can be publicized at Morgan Community Mile events so that the community can understand the vulnerability of the Baltimore shoreline, and what that means for them. This kind of publicity can lead to community support, which can, in turn, lead to government support for these kinds of environmental programs. Another promotional venue can be the School of Social Work, which reaches out to the surrounding city of Baltimore through its internship program, with multiple students located in many venues. These interns can bring information about environmental studies, art programs, and cybersecurity, in addition to its existing public health related services.

## **11. Technology Transfer**

Technology Transfer is an important component of MSU's efforts to expand its research missions and its recent successes in increasing disclosures are encouraging. Specialists in Technology Transfer may provide guidance to faculty members whose work may lead to development that involves other research institutions or the private sector. They also may encourage participation by faculty in projects that require interdisciplinary expertise.

Collaborations with the University of Maryland or other nearby research institutions may be explored.

Technology transfer education and technology transfer services are complementary and critical to a successful research program. MSU should consider unique methods for encouraging faculty to develop innovative research products. Creating a culture of innovation for faculty and students helps to focus research interests and provide a mechanism for understanding the “business of science”. MSU should focus on developing a two-pronged approach to technology transfer for fostering an innovative learning environment for the research community. The message must be compelling enough to engage innovative faculty researchers while also being robust enough to prepare students to thrive in STEM careers in America’s innovation economy.

There are many different approaches to promoting technology transfer and appropriately integrating intellectual property protection in the research paradigm. However, the university could also benefit tremendously from hiring a person to coordinate technology transfer activities and services on and off campus. The coordinator would serve as the MSU champion and liaison for researchers seeking funding from the Maryland Innovation Initiative. Allocating a small percentage of the indirect costs from sponsored research awards is a common model for financing technology transfer, but this is not the only model. Many institutions and states have established SBIR-type "Phase Zero" grant programs to promote and expedite the commercialization of sponsored research. MSU might find it helpful to create a small innovation fund to support its technology transfer efforts.

## **12. Next Meeting**

*The Advisory Panel is scheduled to hold a follow-on meeting on April 9-10, 2015 on the campus of Morgan State University.*

# Appendix

## **1. Meeting Agenda**

## **2. Meeting Presentations**

- a. Division of Research & Economic Development
- b. Morgan State University School of Architecture and Planning- Dr. Mary Anne Akers
- c. The Effects of Adding Polycrylamide (PAAm) Crystals to the Strength Characteristics of Concrete-Dr. Joseph Wright
- d. Community Art Practice and Service Learning –E. Blaise DePaolo
- e. Baltimore Speaks-Dr. Laurens G. Van Sluytman
- f. The College of Liberal Arts

# **Appendix 1:**

## ***Meeting Agenda***

**ITINERARY & LOGISTICS FOR THE VISIT OF THE  
EXTERNAL RESEARCH ADVISORY BOARD  
MORGAN STATE UNIVERSITY  
OCTOBER 2 - 3, 2014**

**Thursday, October 2nd – Day 1**

**8:00 am – 9:00 am Arrive at Morgan State University- Continental Breakfast**

Boardroom, 4<sup>th</sup> Floor Earl Richardson Library, Morgan State University

- Panel members are to park in the campus garage next to Hughes Stadium

**9:00 am - Welcome to Morgan State University:**

Dr. David Wilson, President

Morgan State University

**9:30 am – 10:00 am Division of Research & Economic Development:**

Update from January 2014 Winter Meeting

Dr. Victor McCrary, VP Research & Economic Development

**10:00 am Break**

**10:15 am – 12:00 pm Faculty Research Presentations**

- Architecture – Dean Maryanne Akers
- College of Liberal Arts – Dr. Blaise DePaolo
- Social Work – Dr. Van Sluytman

**12:00 pm Lunch**

Interactive meeting with the MSU Internal Research Council

**1:00 pm Tour of Research Facilities**

Visual Analytics Lab

**3:00 pm Return to Richardson Library - Break**

**3:15 pm School of Education & Urban Policy – Dean Patricia Welch**

**3:45 pm College of Liberal Arts – Dean Pamela Scott-Johnson**

**4:15 pm Closed Session**

**5:00 pm Read-Out**

**5:30 pm Depart Morgan State University for Dinner Meeting**

**Friday, October 3rd– Day 2**

**9:00 am Assemble at Earl Richardson Library, 4<sup>th</sup> Floor Board Room**

**9:30 am Special Programs – Victor McCrary**

**10:00 am - 12 pm Closed Session – Panel Members only**

**12:00 pm Lunch and ERAP Read-Out on Findings**

**1:00 pm ERAP 2014 Fall Meeting Ends; Depart Morgan State University**

**Appendix 2:**

***Meeting***

***Presentations***





## The President's Vision



*Growing the Future, Leading the World:*  
The Strategic Plan for Morgan State University, 2011 – 2021

Morgan's motto, "Growing the Future, Leading the World," underlies the development of this strategic plan.

Approved by Board of Regents 8/2/11  
David Wilson, President

"Morgan State University is the premier public urban research university in Maryland known for its excellence in teaching, *intensive research*, effective public service, and community engagement. Morgan prepares diverse and competitive graduates for success in a global, interdependent society."<sup>\*</sup>

<sup>\*</sup>Morgan State University  
2011-2021 Strategic Plan



## MSU Strategic Plan Goals

- *Goal 1:* Enhancing Student Success
- *Goal 2:* Enhancing Morgan's Status as a Doctoral Research University
- *Goal 3:* Improving and Sustaining Morgan's Infrastructure and Operational Processes
- *Goal 4:* Growing Morgan's Resources
- *Goal 5:* Engaging with the Community

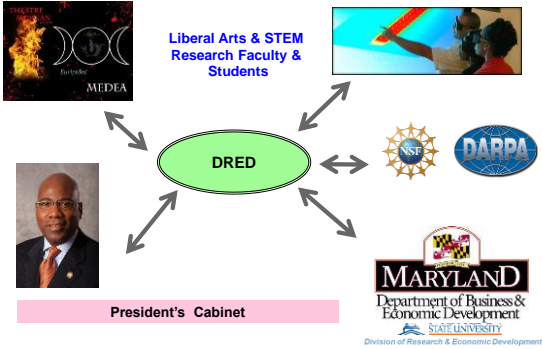


## MSU Strategic Plan Goals: Division of Research & Economic Development

- *Goal 1:* Enhancing Student Success
- *Goal 2:* Enhancing Morgan's Status as a Doctoral Research University (fostering a research environment leading to a consistent level of grants & contracts)
- *Goal 3:* Improving and Sustaining Morgan's Infrastructure and Operational Processes
- *Goal 4:* Growing Morgan's Resources (more winning R&D proposals; IP revenue streams)
- *Goal 5:* Engaging with the Community (Morgan Community Mile)



## Division of Research & Economic Development: (DRED)



## DRED: Scope of Activities



Vice President  
Research &  
Economic  
Development

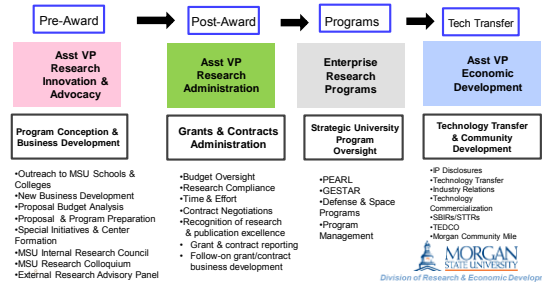
Foster and incentivize  
a culture  
of research &  
entrepreneurship at  
Morgan State  
University!

- Engage Funding Community
- Communicate Opportunity Announcements to Research Faculty
- Develop research strategy to increase technical capacity to increase success rate for external funding
- Grant & Contract Administration
- IP Portfolio Management



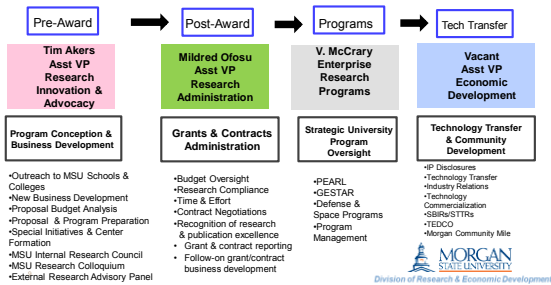
## DRED: Organizational Structure

### Division of Research & Economic Development

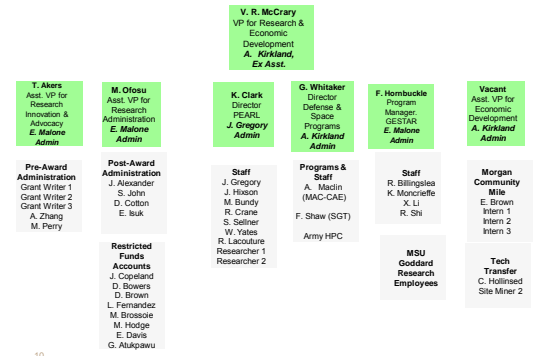


## DRED: Organizational Structure

### Division of Research & Economic Development



## DRED: Organizational Structure



## CONTRACTS & GRANTS HIGHLIGHTS

## DRED: FY14 Strategic Goals

- \$30M - \$35M in external sponsor funding (FY14 = \$30M) *"Morgan is the Research HBCU of Choice!"*
- Increase the number of research proposals to the Department of Defense, and increase overall Department of Defense research funding from 4% to 8%
- Perform demonstrably on current externally funded projects; position Morgan favorably for renewals of these grants & contracts (e.g. DoEd, State of Maryland, NIH, NSF, NASA, DHS)
- Formalize processes for Technology Transfer ; Develop Intellectual Property Portfolio (3 patents, 6 disclosures); further engage industry - *'Morgan is Open for Business'*



## DRED: MSU Internal Research Council



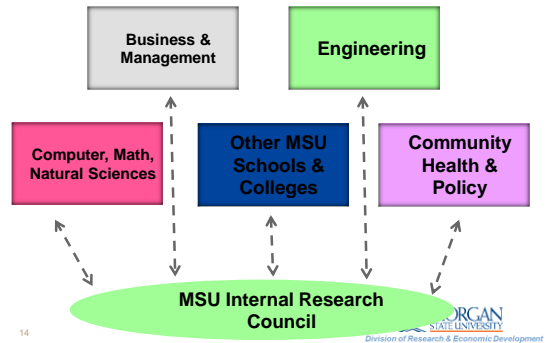
"Ambassadors" from each School/College help shape a coherent & balanced research strategy Across the Morgan State Enterprise

- Communicate latest research efforts that MSU can capitalize upon
- Communicate latest funding opportunities
- Identifying multidisciplinary funding opportunities
- IP & tech transfer & commercialization
- Research compliance & integrity
- Developing incentives to increase faculty participation in seeking external funding



13

## MSU Internal Research Council: Composition



14

## MSU Internal Research Council: Members

- Dr. Victor McCrary, V.P. for Research & Economic Development, Chairperson
- Dr. Edet Isuk, Division of Research and Economic Development
- Dr. Mark Garrison, School of Graduate Studies
- Dr. Kim Sydnor, School of Community Health and Policy
- Dr. Carl White, School of Engineering
- Dr. Leroy Bronner, School of Engineering
- Dr. Glenda Prime, School of Education and Urban Studies
- Dr. Robert Singh, School of Business and Management
- Dr. Halaevalu Vakalahi, School of Social Work
- Ms. Barbara Blount-Armstrong, Division of Institutional Advancement
- Dr. Dereje Seifu, School of Computer, Mathematical & Natural Sciences
- Dr. Siddhartha Sen, School of Architecture and Planning
- Dr. Alice Jackson, College of Liberal Arts
- Dr. Umaru Bah, School of Global Journalism and Communication

15

## FY14 Contracts & Grants Snapshot

Recent MSU Faculty Research Proposal Submissions  
Awaiting Agency Decision

- \$12M – NSF Urban Sustainability (lead - School of Architecture & Planning)
- \$24M – NIH BUILD Grant (lead - School of Community Health & Policy)
- \$5M – Dept. of Defense, Cyber Center of Excellence (lead – School of Engineering)

## FY14 Contracts & Grants Snapshot

FY14 3 <sup>rd</sup> Quarter	FY14 4 <sup>th</sup> Quarter	FY14 Final
\$22.7M	\$30.0M	\$30.0M
102 tasks	123 tasks	123 tasks

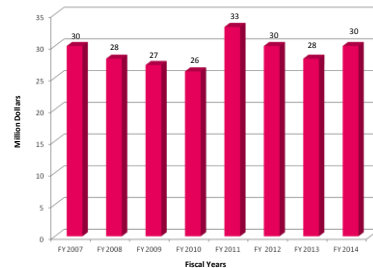
FY14 2 <sup>nd</sup> Quarter	FY14 1 <sup>st</sup> Quarter	FY13 Final
\$19.3M	\$12.6M	\$28.0M
80 tasks	47 tasks	115 tasks

July 1, 2013 – June 30, 2014

17

## MSU Contracts & Grants FY2007-FY2014

Total Extramural Funding by Year



FY15: ~\$12M to date

18

## FY14 Contracts & Grants Snapshot

### Operating Unit Performance as a Percentage of Active Tasks

Operating Unit	Tasks/Unit	Percentage of Total
Architecture & Planning	7	5.7
Community Health & Policy	14	11.4
Computer, Math, & Natural Science	33	26.8
Education & Urban Studies	5	4.1
Engineering	42	34.2
Global Journalism & Communications	2	1.6
Liberal Arts	1	0.8
Social Work	2	1.6
Other Divisions	17	13.8
	<b>123</b>	<b>100</b>

## FY14 Contracts & Grants Snapshot

### Operating Unit Proposal Submissions (~\$90M)

Operating Unit	Proposals/Unit	Percentage of Total
Architecture & Planning	7	4.5
Business & Management	3	1.9
Community Health & Policy	9	5.8
Computer, Math, & Natural Science	59	38.3
Education & Urban Studies	1	0.7
Engineering	44	28.6
Global Journalism & Communications	1	0.7
Liberal Arts	10	6.5
Social Work	4	2.6
Other Divisions	16	10.4
	<b>154</b>	<b>100</b>

## PROGRAMMATIC HIGHLIGHTS

## DRED Update: OSTP Head Visits Morgan



- John Holdren, Head of the Office of Science & Technology Policy, inaugural visit to Morgan, February 28th
- Toured Morgan's research facilities in seismology, 3D printing, aerodynamics
- Met with students & faculty on Administration S&T priorities

## DRED Update: PEARL Director Appointed to MD Commission

- Kelton (Kelly) Clark appointed by Governor O'Malley to the PRC
- Focus is on preservation and sustainability of the Patuxent Watershed



## DRED Update: Morgan Exhibit sat NDIA S&T Conference—April 8-10



- First HBCU to exhibit & become a member of NDIA – 2<sup>nd</sup> year in a row!
- Major annual conference which attracts DoD funding agencies and defense contractors
- Morgan State University's exhibit highlighted Morgan's technical capabilities and faculty
- Opportunity for defense contractors to partner with an HBCU – "Morgan the HBCU of Choice"



**DRED Update:**  
**DoD Technical Assistance Training—May 21st**

- Morgan State University in Baltimore, Maryland, on Wednesday, May 21, 2014
- Sponsored by The Department of Defense's Office of Diversity Management and Equal Opportunity (ODMEO)
- Part of the larger 2014 "Taking the Pentagon to the People"
- 40-50 faculty from HBCUs in the Mid-Atlantic in attendance



**Clarence A. Johnson**  
DoD, Director  
Office of Diversity Management and Equal Opportunity

**MSU-PEARL Open House June 20th**



- "Partner Appreciation Day" – 250 in attendance
- Morgan recipient of \$60K grant from Dominion Resources for blue crab research study
- MOU signed with Drug Enforcement Administration

**DRED Update:**  
**Morgan Hosts MD Private Sector Economic Development Commission Monthly Meeting July 29th**

- Focus on the State's economic development – *how can we do better to incentivize and attract businesses to Maryland?*
- Initiative of Senate President Thomas Miller & House Speaker Michael Busch
- Recommendations due December 2014



**Visual Analytics for Science and Technology at a Minority Serving Institution (VAST MSI): Increasing the Pipeline for STEM Research in Product Development and DHS Workforce Opportunities**  
Pis: Tim Akers & K. Peters

**Project Goals**

- 1) Introduce STEM undergraduate students to research opportunities and curriculum that are focused on visualization informatics
- 2) Cultivate early career STEM faculty in DHS related research linked to DHS Centers of Excellences (COEs).



**Programmatic Framework**

Sponsor: Department of Homeland Security  
Amount: Original (Sept. 2012): \$750,000 (Phase 1)  
New Award (July 2013): \$750,000 (Phase 2)  
**Total Award: \$1.5M**

PIs: Drs. Tim Akers & Kevin Peters

Collaborators: Purdue University

Commercialization Potential: Mobile APP Dev. & Other Technologies by Faculty

**Accomplishments & Payoffs To-Date**

- MSU is developing expertise in data visualization and visual analytics programming;
- Actively developing a Cybersecurity Training Infrastructure;
- Finalizing the Visual Analytics Laboratory in the Library;
  - Developed the LEAPS Mobile App – Law Enforcement APP Assistance Program for Students



**National Institute of Health Award: Dissemination and Implementation (D & I) of the CEASE Intervention**  
*Payam Sheikhattari, MD, MPH, Assoc Professor*

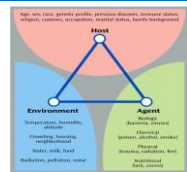
- The CEASE intervention will be implemented at 18 new sites between 2013-16, including the Morgan Community Mile (MCM)
- FY2014 funding ~ \$460K
- Research Outcomes:
  - Feasibility, Fidelity, Penetration, Acceptability, Uptake, Cost
  - Retention, Effectiveness, Timeliness
  - Satisfaction (Clients, Peer-Motivators, Community, Organizations)



**The Get Smart (Students Mobilized and Retooled to Transform)**  
Project PI: Lorece V. Edwards, Co-Directors: Ian Lindong, & Tim Akers

**Project Goals**

- Prevent and reduce substance abuse and transmission of HIV/AIDS
- Develop environmental strategies to reduce risk factors and increase protective factors



**Programmatic Framework**

Sponsor: Substance Abuse and Mental Health Administration (SAMHSA-DHHS)  
Amount: \$900,000 over 3 years (\$300K/yr)  
Supports: Health Services, the Counseling Center and the Health & Wellness Center & 15 undergraduate students  
Program Manager: Ms. Wilma Pinnock  
Collaborators: MCM, Harbel Prevention and Recovery Center, Light Health & Wellness, and Sisters Together & Reaching

**Accomplishments & Payoffs To-Date**

- Solid collaborations with the business/health service providers within the MCM
- In-kind donations (e.g., services) from the Public Health Alumni Chapter
- Information dissemination via WEAA – "The Voice of the Community"

## Maryland Innovation Initiative (MII) Award

- Awarded our 2<sup>nd</sup> MII Phase 1 grant for translational research  
*Dr. Viji Sittler, Dept. of Biology*
- Bio-engineering a salt-tolerant gene into algae strains to produce biofuels
- Biofuel industry over the next 10 years projected to be a \$185 billion industry
- Proposal endorsed by the US Navy



## OPPORTUNITIES

## FY15 Strategic Goals

- \$32M - \$35M in external sponsor funding (FY13=\$28M; FY14=\$30M)

*"Morgan is the Research HBCU of Choice!!"*

- Increase the number of research proposals to the Department of Defense, and increase overall Department of Defense research funding
- Perform demonstrably on current externally funded projects; position Morgan favorably for renewals of these grants & contracts  
*(e.g. DoEd, State of Maryland, NIH, NSF, NASA, DHS)*

33



## FY14 Contracts & Grants Snapshot

### Operating Unit Performance as a Percentage of Active Tasks

Operating Unit	Tasks/Unit	Percentage of Total
Architecture & Planning	7	5.7
Community Health & Policy	14	11.4
Computer, Math, & Natural Science	33	26.8
Education & Urban Studies	5	4.1
Engineering	42	34.2
Global Journalism & Communications	2	1.6
Liberal Arts	1	0.8
Social Work	2	1.6
Other Divisions	17	13.8
	<b>123</b>	<b>100</b>

34



## FY14 Contracts & Grants Snapshot

### Operating Unit Proposal Submissions (~\$90M)

Operating Unit	Proposals/Unit	Percentage of Total
Architecture & Planning	7 (FY15:11)	4.5
Business & Management	3	1.9
Community Health & Policy	9	5.8
Computer, Math, & Natural Science	59	38.3
Education & Urban Studies	1 (FY15:5)	0.7
Engineering	44	28.6
Global Journalism & Communications	1	0.7
Liberal Arts	10	6.5
Social Work	4	2.6
Other Divisions	16	10.4
	<b>154</b>	<b>100</b>

35



## JHU-MSU Materials Student Research Internship

- JHU Engineering – Hopkins Extreme Materials Institute (HEMI) – K.T. Ramesh
- \$90M Army Contract
- \$100K in Morgan student internships/year; agreement signed May 2, 2014
- Managed by Morgan School of Computer, Mathematical, & Natural Sciences
- Interested? Contact Dr. Kadir Aslan; [kadir.aslan@morgan.edu](mailto:kadir.aslan@morgan.edu)

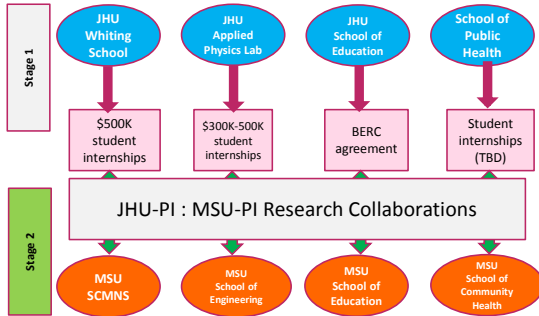


WHITING SCHOOL OF ENGINEERING  
JOHNS HOPKINS UNIVERSITY



Division of Research & Economic Development

## DRED Update: Hopkins Engagement Strategy



## GESTAR Student Research Internships

Student Research Internships Available now in the following areas at NASA Goddard Space Flight Center:



- Atmospheric Aerosols, Carbon Cycle and Ecosystems
- Climate Modeling and Analysis
- Oceanography
- Terrestrial Water Cycle
- Weather and Short-Term Climate
- Earth Rotational and Gravitational Dynamics
- Planetary Analog Studies
- Sun-Earth Connection Studies



Interested? Contact Mr. Marvin Perry;  
marvin.perry@morgan.edu

## MSU-PEARL 2014 Summer Interns: Internships Available for 2015

- Gloria Akpabla, Morgan State University, Supervisor- Dr. Kelton Clark  
*Effects of Acidification on Oyster Feeding*
- Emma Danz, Ursinus College, Supervisor- Dr. Kelton Clark  
*Blue Crab Predation on Juvenile Oysters: The Effect of Substrate on Oyster Survival*
- Nicole Fennelly, St. Mary's College of Maryland, Supervisor- Ann Marie Hartsig  
*Nutrient Influence on Phytoplankton Population Dynamics*
- Dylan Kletter, University of Maryland (College Park), Supervisor- Richard Lacouture  
*Top-Down Regulation of Plankton Populations in Mackall Cove, St. Leonard's Creek and Patuxent River*
- Simone Wright, Hood College, Supervisor- Ann Marie Hartsig  
*Comparing Blue Crab Weights in the Patuxent River and Chesapeake Bay*



Interested? Contact Dr. Kelton Clark; [kelton.clark@morgan.edu](mailto:kelton.clark@morgan.edu)



## Opportunities for Morgan Students to get Involved in the Morgan Community Mile!!

2014 STEM Expo  
October 4<sup>th</sup> @ Morgan



- Supported by Senator Ben Cardin
- Key partners:
  - Morgan Community Mile
  - School of Education, School of Computer, Natural Sciences, & Math



Interested? Dr. Kevin Peters;  
[kevin.peters@morgan.edu](mailto:kevin.peters@morgan.edu)



## DRED Looking Ahead to FY15: Opportunities

- **Department of Defense** - Expand sponsor funding base to the Department of Defense funding environment favorable for research intensive HBCUs
- **Cybersecurity** - Morgan's student demographics favors workforce development for this growing industry which is a major concern for the Nation - both government and private sectors
- **PEARL** - Opportunity for this MSU facility to be a nexus for educational awareness of conservation, environmental research and economic development for Maryland's fishing/oyster/crab industry



## DRED Looking Ahead to FY15: Challenges

- Building a sense of entrepreneurship among MSU **research faculty & students**- *takes time and perseverance!*
- Forging an environment of inclusion and trust for the role of MSU non-STEM faculty in research - *MSU's research prowess includes ALL faculty and disciplines!*
- Securing external funding in a very tight Federal and State funding environment - *relationship management is the key to success here!*



Thank you!





# MORGAN STATE UNIVERSITY SCHOOL OF ARCHITECTURE AND PLANNING (SA+P)

## PRESENTATION TO EXTERNAL RESEARCH COUNCIL

**DR. MARY ANNE AKERS, DEAN**  
**DR. SAMIA KIRCHNER, ASSO PROFESSOR**  
**MR. FRED SCHARMEN, ASST PROFESSOR**  
**DR. JASON CHARALAMBIDES, ASST PROF**

**OCTOBER 2, 2014**

## SA+P MISSION

The Mission of SA+P is to develop **diverse, socially and environmentally responsible**, and enlightened professionals through a process of **skill acquisition, critical thinking, and value definition**. In so doing, SA+P pursues this mission within a creative environment of inquiry and collegiality in the fulfillment and **advancement of spatial justice, urban revitalization and sustainability, and design for the everyday experience.**

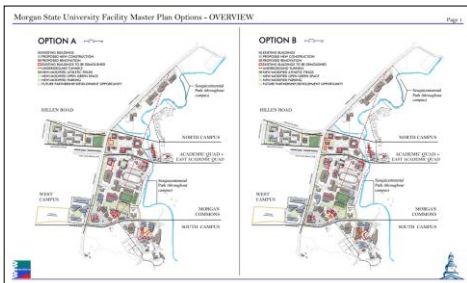
## OFFER HIGH QUALITY PROGRAMS



## BE KNOWN AS AN APPLIED RESEARCH LEADER



## TRANSFORM THE QUALITY OF MORGAN'S CAMPUS



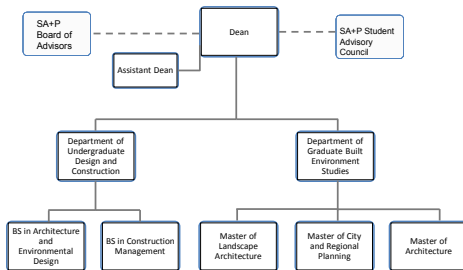
## ENGAGE WITH THE COMMUNITY



## CELEBRATE DIVERSITY



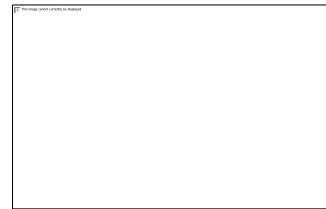
## GROW OUR RESOURCES



**Reorganized SA+P Structure**

## PRIORITY AREAS FOR 2014-15

1. Branding and Recruitment
2. Growing Resources through alumni involvement
3. Center for the Built and Natural Environment Research (CeBNER)



# The Effect of Adding Polyacrylamide (PAAm) Crystals to the Strength Characteristics of Concrete

*Joseph Wright, PhD,  
PE  
Jason Charalambides,  
PhD, PE*

## What Are PAAm Crystals?



## What Do They Do?



## PAAm Crystals

Water absorbing polymer ( $C_3H_5NO$ ) used to:

- Increase viscosity of water
- Encourage flocculation in water

Used in:

- Wastewater treatment industry
- Mineral mining processes
- Subsurface applications such as oil recovery

Other applications include:

- Papermaking
- Erosion control

## Problems with PAAm Crystals

- It shrinks and swells as it absorbs and releases water
- It has not previously been used in this application
- Long-term effects are not known

## Experimental Hypothesis

The compressive strength of concrete may be enhanced by the introduction of small amounts of polyacrylamide (PAAm) crystals into the concrete mix due to the retarded rate of hydration of the cement.

## Benefits

Concrete is very versatile product but although it is recyclable, the recycling process does produce a carbon footprint.

Potential strength gain can reduce the use of actual concrete for a structure without any side effects or added costs.

## Concrete Mix Design

	Mix 1	Mix 2	Mix 3
Basic Concrete Mix	Cement:	11.3 kg (25 lb)	
	Sand:	21.3 kg (47 lb)	
	Aggregate:	29.5 kg (65 lb)	
	Water:	5.0 kg (11 lb)	5.4 kg (12 lb)
Additive for 5 Cylinders (1/3rd of Above Mix)	Add. A:	No Additive (Control Sample)	
	Add. B:	2.8 g (0.1 oz)	
	Add. C:	5.7 g (0.2 oz)	
	Add. D:	8.5 g (0.3 oz)	
	Add. E:	11.3 g (0.4 oz)	
	Add. E:	14.2 g (0.5 oz)	

## Peak Compressive Strength With & Without Additive

Water/Cement Ratio	No Additive	With Additive	% Strength Gain
44%	27.0 MPa (3,900psi)	45.0 MPa (6,500psi)	67% <small>14-day results = 31%</small>
48%	36.5 MPa (5,300psi)	47.1 MPa (6,800psi)	29%
52%	31.4MPa (4,600psi)	42.2MPa (6,100psi)	34%

## Problems to Resolve

### Deal with outliers

> Test more cylinders for 44% W/C with 0 g and 14.2 g (0.5 oz) additive

> Test more cylinders for 52% W/C with 8.5 g (0.3 oz) additive

### Extend range of testing for each mix design to determine peak strength gain

> Test cylinders with 17.0, 19.8 & 22.7 g (0.6, 0.7 & 0.8 oz) additive

## Further Work

### > Large scale versus small scale tests

> 0.7 cu. ft. lab. test v. 10 cu. yd. truck load

### > Early effects on strength

> Tests at 7, 14 and 28 days

> What about 1 to 5 days?

### > How green are PAAM crystals?

Thank you  
for your  
attention

Questions



## Community Art Practice and Service-Learning

E. Blaise DePaolo M.F.A.  
Assistant Professor of Sculpture  
Department of Fine and Performing Art  
College of Liberal Arts  
Morgan State University



### Publications

- DePaolo, E. Blaise *Framework for Understanding Ruby Payne Community Arts Perspectives: A Publication of the Community Arts Convening and Research Project.* Community Arts Network and Maryland Institute College of Art, 2.1 (2008). 19, June 2008
- [http://wayback.archive-it.org/2077/20100906203155/http://www.communityarts.net/readingroom/archivefiles/2008/06/framework\\_for\\_u.php/](http://wayback.archive-it.org/2077/20100906203155/http://www.communityarts.net/readingroom/archivefiles/2008/06/framework_for_u.php/)



### Partner Links

<http://www.pjcc.org/arts/mural.html>

<http://www.baltimoreclayworks.org>

<http://www.rebuildingthruart.com>

<http://mgmoses.com/Jumpstart/SectionII/Chap1 Overview SL/Defining SL.html>



# Baltimore Speaks ....a Community Conversation

Laurens G. Van Sluytman, Ph. D., LCSW  
Morgan State University



## School of Social Work @Morgan



### A Few Gems@SSW

**Aging & Technology** – use of technology for access to services, resources, lack of access, etc.



**Community Engagement** – inter-disciplinary approach to multi-dimensional issues in an urban environment (i.e., issues of access, resources, mental health, built environment, health, technology, education, etc.).



**Urban Children, Youth, & Families** – our most precious of possessions, access, opportunities, resources, huge inter-disciplinary opportunities

**Mental Health & Health** – linked of mind and body, people and place, huge area for inter-disciplinary work



**Domestic Violence, Substance Abuse, Human Trafficking** – triple threat that knows no boundaries

## Introduction

- Per capita income
  - United States is \$27,915,
  - Maryland \$35,751
  - Baltimore 23,333
- Poverty
  - United State 14 %live below the poverty line is,
  - Maryland 9 %
  - Baltimore 22.4
- Unemployment
  - US 6.1%
  - Maryland 5.8
  - Baltimore City 9.4

- Black Americans Population
  - 13 percent of the United States,
  - 30.1 percent of Maryland and
  - 63.1 percent of Baltimore population
- 72 percent of the inmates in Maryland prisons are Black inmates
- 59 percent of Maryland prisoners returned to the City of Baltimore in 2001.

- Alexander, 2012, Baum, 1996; Bobo, & Johnson, 2004
- “War on Drugs” ...to root out drug kingpins and violent offenders
- ruse to depict the predominantly poor and working class black inner city as a threat to all including the poor and working class Whites.
- Evidence
  - drug testing as a screening devise for public assistance
    - denying an applicant access to vitally need resources,
    - denying drug treatment
    - No increased calls for prevention programs.

- Given the disproportionate rate of incarceration effectively denied many the rights previously championed by African American leaders.
  - selecting local and national leadership
  - taking personal responsibility (racially coded political ideological).

## However the question remains. Why?

- Wacquant (2009, 2011)
  - Deindustrialization has made segments of US population, specifically poor African Americans, “economically redundant.”
  - Prisons and marginalized communities function to contain those at the bottom of our socioeconomic scales.
  - Contain the threat these masses pose, both in action and symbolic representation.

## AIMS

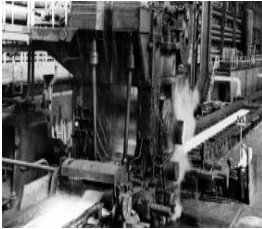
- What are the impacts of local and nation transformations that include economic as well as policy on African American communities in Baltimore City.
  - to identify the impact of trends of deindustrialization on African American Baltimoreans;
  - to examine the socioeconomic changes with the community and the burden imposed by disproportionate rates of incarceration;
  - and to theorize the best practices for re-entry, advocacy and community organizing.

## Discussion

- Transformation
  - Deindustrialization
  - Neighborhood decay
- The way forward:
  - Positioning
    - Individuals and community
    - Individuals meet institutions
    - Individuals meet world
  - Strategies
  - Benefits
  - Drawbacks
  - (Re)framing



## Deindustrialization



## Neighborhood Decay



## Individual and community

- *I think their voice doesn't resonate unless they pull themselves up by their own bootstraps and become something.*
- *That even if people doing wrong, you still try to help 'em... [I] remember when we got to places where we were having different life experiences and being exposed to different things. ... and lost a little sense of self in the process.*

## Institutional (CBO)

- *We let people control conversation, control environment, and we don't do enough to aggressively get to the microphone...*
- *the local housing authorities, they've been afforded discretion with how they, accept and deny applicants.*
- *I don't think society is set up for that. There's much more money for them to be incarcerated. ...they're comin' back to hopelessness because most people won't even hire them.*
- *I do let them know, if you're not going to knock 100 doors for employment and you're going to get 100 notes, you're going to have enough inner fortitude and drive to knock on door 101, 102, 103, until you obtain employment*

## Institutional (CBO) cont.

- *...we're basically just asking you to give them a chance to come in the door, get the foot in the door. You can still ask them if they have a criminal record... low hanging fruit.*
- *I need to teach you how to operate in a world as it is at the moment because you're trying to get a job as a wage you can survive off of.*

## Strategies

### Individual/Community

- *what do we need to do, we need to start pushing back*
- *And so just having conversations with the community, to get them to warm up to the idea that these are somebody's children, somebody's fathers and mothers you know that are doin' these things.*

### Institutional

- *We changed our mission statement to be more inclusive*
- *... sometimes [we] even have intentionally not sought out the re-entry money, because we don't want the re-entry label*
- *...we have to make it a fiscal issue in order to speak to a language, speak a language that's going to resonate with some of the legislators...*
- *It is cheaper to put money on the front end for education for health care, for prison as well to force them to educate individuals so they don't go that way to help individuals upon re-entry to get employment to get housing, to become contributing members of society*

## Benefits

### Programs:

- *A lot of money is being thrown at these re-entry programs and everyone is coming up with some type of program for people with a criminal record.*
- *we have the workforce development, we have the social enterprise so we can provide that on the job training and permanent employment to people.*

### Legislation:

- *we [got] that illegal language taken out of the contract... this is a priority in the mayor's office, and that it is illegal according to Title 7 of ... 1964 Civil Rights Act to have a blanket policy to discriminate against a criminal record.*

## Drawbacks

- *But a lot of times I just don't know if we, as advocates for what we're doing, have the due diligence in reaching out to the community to make sure that we're ...sensitive to their concerns.*
- *[I]t's clear that if we had all these programs that serve everyone but, we're marginalizing this group of people to a point where it's just dangerous and it's not productive.*
- *So it's not an active conversation we're having at the moment.*
- *Is it sustainable?*

## (Re)framing

"Don't think of the elephant" (Lakoff, 2003)



## Don't think of the criminal

- *prisons are suppose to be for people that we're afraid of, not people we're mad at.*
- *Anything to do with a criminal record, ex felon, ex offender, automatic, murder, robber, sex offender, gang banger, that's what people go to ...*

## Forward

- *and so we had to take that away from this is somebody who committed a crime*
- *This is a public health issue,*
- *This make good fiscal sense.*

Or

- *Think of the citizen and the right to take personal responsibility.*

And...

- *We have to make use of the networks that already exist.*

## Thank you!

- The men who told their stories.
- The members of the communities who shared their lives and relationships with the men of this study.
- The stakeholders who brought knowledge of Baltimore's history and awareness of overarching forces, courage and resilience.



Commitment/Collaboration/Creativity  
 Leadership that matters  
 Achievement for a life-time

*The College of Liberal Arts*  
 October 2, 2014



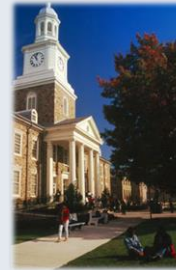
Introducing

*The College of Liberal Arts:*  
**Morgan's Academic C.O.R.E.**



*A Legacy of Leadership*

**Morgan's Academic C.O.R.E.**



Holmes Hall

**Humanities**

- English and Language Arts
  - Screenwriting and Animation
- Philosophy and Religious Studies
- World Languages and International Studies

**Social and Behavioral Science**

- History and Geography
  - Museum Studies
- Economics
- Political Sciences

**Military Sciences**  
**Turner Armory**



Jenkins Behavioral Science Center

- Economics
- Political Sciences
- Psychology
- Sociology and Anthropology

- Murphy Fine Arts Center

*Fine Arts Department*  
*Music*  
*Theater Arts*  
*Visual Arts*



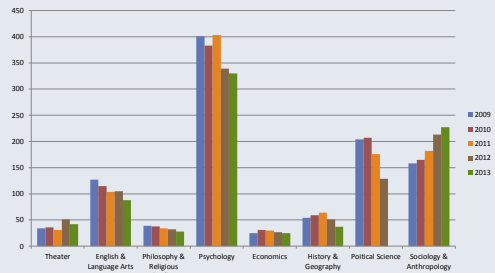
- James E. Lewis Museum of Art



## Five Year Undergraduate Enrollment College of Liberal Arts: 2009 to 2013

Academic Programs	2009	2010	2011	2012	2013
Screen Writing & Animation	1	7	6	29	33
Fine Arts	97	90	87	102	100
Music (Performance-based)	134	126	141	125	115
Theater (Performance-based)	34	36	31	51	42
English & Language Arts	127	115	104	105	88
Philosophy & Religious Studies	39	38	34	32	28
Psychology	401	383	403	339	330
Economics	25	31	30	27	25
History	54	59	64	51	37
Political Science	204	207	176	156	129
Sociology & Anthropology	158	165	182	213	227

## Five Year Enrollment College of Liberal Arts: 2009 to 2013



## Graduate Degree Programs

### Master's Degree Programs

- African-American Studies—M.A.
- Economics—M.A.
- English—M.A.
- History—M.A.
- International Studies—M.A.
- Museum Studies and Historical Preservation—M.A.
- Music—M.A.
- Psychometrics—M.A.
- Sociology—M.A., M.S.

### Doctoral Degree Programs

- English—Ph.D.
- History—Ph.D.
- Psychometrics—Ph.D.



Core Courses, Experiential and Practical Components, and  
Service Learning

## THE UNDERGRADUATE CURRICULUM



C.O.R.E

GENERAL EDUCATION PROGRAM

Liberal education / learning  
Since the 1950s

## Interdisciplinary Studies

- Environmental Studies
- International Studies
  - African Studies
  - Caribbean Studies
  - Asian Studies
- Philosophy Pre-Law Program
  - English and Language Arts
  - Philosophy
  - Sociology (Criminal Justice)
- Women's and Gender Studies



## Enhancements

- New facility
  - New Behavioral Sciences Center
- Laboratories
  - Physiological Psychology
  - Physical Anthropology



Research Conferences / Speakers / Awards & Recognition

## PRE-PROFESSIONAL INTERACTIONS



### MORGAN'S SOCIOLOGY AND ANTHROPOLOGY MAJORS AND THEATER ARTS PROGRAM AND THE HILL PROJECT



### EASTON'S HISTORIC HILL TRANSDISCIPLINARY TEAM PRESENT IDEAS

By: Evan Richardson December 5, 2013

This Fall, a Morgan team led by **Dr. Mary Anne Akers**, Dean for the School of Architecture and Planning and **Professor Dale Green** (Architecture and Environmental Design), along with other Morgan Professors including **Dr. Archana Sharma** (Landscape Architecture), **Dr. Tonya Sanders** (City and Regional Planning), **Dr. Stella Hargett** (Chair of Sociology), and **Dr. Angela Howell** (Anthropology), **Dr. Paul Voos** (Landscape Architecture), **Dr. Angela Howell** (Anthropology), **Dr. Stella Hargett** (Chair of Sociology), and **Marvin Perry** (Economic Development) have been invited to develop a small area plan for the historic Hill neighborhood of Easton, Maryland, which is one of the earliest free Black settlement with structures still intact and with families that can trace their lineage to that of the early free Black settlers.

On Monday, December 2nd a transdisciplinary team of students and faculty from graduate programs in Landscape Architecture, City and Regional Planning, and undergraduate courses in Architecture and Environmental Design (Historic Preservation) and Anthropology presented research analyses and design concepts for the Hill with attention towards current conditions, historic preservation, integrated community, sustainability and stormwater management. Part of the work Morgan State University students accomplished during the semester included engaging the community through conducting a door-to-door community survey as well as facilitating a community meeting where residents shared the strengths of the area as well as opportunities for improvement. The culmination of this work was shared and displayed among all of the classes.

- Alpha Kappa Mu National Honors Society
  - Golden Key Honor Society
- National Society of Collegiate Scholars
  - Alpha Mu Gamma National Foreign Language Society
- Phi Alpha Theta Honor Society in History
  - Phi Sigma Tau Honor Society in Philosophy
- Pi Sigma Alpha Political Science Honor Society
- Psi Chi National Honor Society in Psychology



## DEPARTMENTAL HONORS PROGRAMS AND DISCIPLINARY HONOR SOCIETIES

## Students in the College of Liberal Arts



## Commitment to scholarship



- Temitope Adeoye was accepted into the Academic Research Consortium (ARC) Scholar Summer Research Program at the University of California Santa Barbara. Temitope Adeoye received the Morgan State University Outstanding Woman of the Year sponsored by the Class of 2015.
- Crystal Goodman was the Senior Class President and gave the student address at the December 2013 Commencement Exercises.
- Briana Bobbitt was the Senior Class Secretary and gave the student address at the May 2014 Commencement Exercises.
- Stephanie Williams was accepted into the PsyD program in Clinical Psychology at the Georgia School of Professional Psychology at Argosy University

## Leadership that matters

Meisha Neal  
Graduated with a 4.0, May 2014



Sagirah Wheeler  
President of National Collegiate Scholars  
MBRS-RISE Trainee- Presented at ABCRM National Conference in Nashville Tennessee. Selected as only of two students to interview for a White House Appointment, The Hill Community Project Oral History Team

Simone Durham  
The Hill Community Project Oral History Team  
Winner (with Sagirah Wheeler) of the Oral Presentation at Morgan Undergraduate and Graduate Research Symposium, April 2014

Kara Clark  
The Hill Community Project Oral History Team  
Winner of Poster Presentation on "The Hill Project" at Morgan Undergraduate and Graduate Research Symposium, April 2014

Alvin Hill  
President of Student Government  
Sociology and Anthropology



Rashad Staton  
Vice President of the Student Government Association  
Political Science Major

Ekundayo Sogbesan  
President and Member of the Alpha Mu Gamma Foreign Language Honor Society, Area: Latin; Star Athlete

Dakarai Chisolm and Ebony Adrea  
Now in India for Cultural Immersion Experience in India Program, May-July, 2014

## Achievements for a life-time



Crystal Dorsey was accepted to an internship with the Summer Research Institute at the Florida Mental Health Institute (SMI@FMHI) in the College of Behavioral and Community Sciences, University of South Florida. Crystal was one of 12 student-scholars selected from an applicant pool of more than 200.

Sheniquica Williams was accepted to the 2014 Howard University Behavioral Health Preliminary Academic Reinforcement Program (Be\_PARP), which is housed in the College of Medicine at Howard. Be\_PARP is a summer research program with an emphasis on health disparities.

Nishell Savory was accepted into the MBRS-RISE Program at Morgan State University.

Taelor Clay was accepted into the Summer Undergraduate Research Program (SURP) at the University of Virginia Curry School of Education.

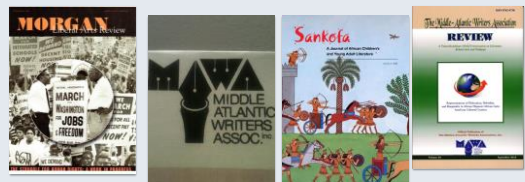
Celena Jenkins, Taelor Jones, and Nishell Savory were accepted into the Summer Research Initiative of the College of Behavioral and Social Sciences at the University of Maryland.

Christian Bonilla was accepted into the Summer Research Opportunities Program (SROP) at Michigan State University.

## Challenges

- Developing partnerships
  - Specific areas of expertise
- Leveraging expertise
  - Social and behavioral sciences
  - Humanities
- Fundraising

## Major Journals in the Humanities at Morgan



Over the past five decades, six major national/international journals have been edited by faculty members in the Department of English, three of them currently being published at Morgan:  
*Bookbird: International Journal of Children's Literature.* First U.S. Editor, Meena Khorana. 1992-2001.  
*Journal of the College Language Association.* Founding Editor, Therman B. O'Daniel. 1957-1970.  
*Langston Hughes Review.* Editor, Dolan Hubbard.  
*Middle-Atlantic Writers Association Review.* Founding Editor, Burney J. Hollis. 1982-present.  
*Sankofa: Journal of African Children and Adolescent Literature.* Founding Editor, Meena Khorana, 2003-2013.  
*Zora Neale Hurston Forum.* Founding Editor, Ruthe T. Sheffey. 1985-present.  
 In addition, The College of Liberal Arts started its own in-house journal, *Liberal Arts Review*, in



Setting the standards in an exceptional educational experience

*The College of Liberal Arts*  
**OUR STUDENTS & FACULTY**

**The Dr. Sandye Jean McIntyre International Awards**

**2013 Recipient Dr. Max Hilaire**



**2014 Recipient Dr. Eric Conway**

"Distinguished professor and diplomat Sandye Jean McIntyre I. was born in Pine Bluff, Arkansas, on September 18, 1923. He spent most of his youth in Cleveland, Ohio. McIntyre's father, Sandy John, was a professor and a minister, and his mother Gladys was a teacher. McIntyre was educated in the Cleveland public school system and received a B.A. degree in French in 1947 from Johnson C. Smith University in North Carolina. Returning to Cleveland, McIntyre attended Case Western Reserve University and earned an M.A. degree in 1948. In 1951, McIntyre was awarded a Fulbright Scholarship to study in France at the Université de Grenoble and the Université de Paris (the Sorbonne). He completed the requirements for a Doctorat d'Université, and was awarded the "équivalence doctorale". McIntyre returned to Case Western Reserve University earning a Ph.D. in French. He has been a Senior Fulbright Scholar in the United States, India and Liberia. <http://www.thehistorychannel.com/2013/01/sandye-jean-mcintyre-4-39>

**The Morgan State University Choir at the 42nd annual lighting of Baltimore's Washington Monument.**



On October 8, delivered his lecture, "The Conflict in Syria and United States Foreign Policy," at the University of New York in Prague, Czech Republic as part of the PULSE (Unyp Lecture Series).

His article entitled "The Attitude of the United States Toward International Law" was published in the Czech Yearbook of International Law this month in Prague, Czech Republic.



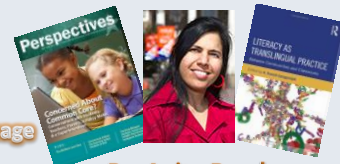
**Dr. Debra Newman Ham, Department of History & Geography 2014 Faculty Award Research and Productivity**



**Dr. Anita Pandey, Department of English & Language Arts 2014 Faculty Award for Creativity Productivity**



**English and Language Arts**



**Dr. Anita Pandey**

- Pandey, Anita. (2014). Invited feature article. Mother Tongue as Building Blocks in Education. *Childhood Education*. Jan/Feb.
- Pandey, Anita. (2013). "When 'Second' Comes First--to the Eye? Sociolinguistic Hybridity in Professional Writing" (invited chapter) in *Literacy as Translingual Practice: Between Communities & Classrooms*, edited by S. Gangadhara.
- Cover Article: "Concerned about Common Core? Conversations with Students, Teachers, Parents, & Policy Makers, & a Superintendent" in *Perspectives Magazine*.
- Invited External Evaluator for a 2<sup>nd</sup> Dissertation, University of Western Cape, S. Africa, Dec. 2013.
- Invited Abstract Reviewer for the 2014 ACEI Global Summit, Vancouver, Canada.
- Invited Abstract Reviewer & Moderator, 2013 IMC Conference Organizing Committee.
- Invited Abstract Reviewer. American Business Communication Convention.
- Pandey, Anita's Fall (2013) Conference Presentations:
  - Oct. 11: Invited Speaker, Texas Assoc. for Bilingual Education, Houston, TX
  - Oct. 12: Invited Speaker, Dr. Yarnosa Kishor Memorial Symposium, UIC, Urbana, IL
  - Oct. 18: American Business Communication, New Orleans (2 presentations, one invited)
  - Oct. 30: Invited speaker, MD ITSD, Essex Community College
  - Nov. 2: Invited workshop for 17th International Country Public Sch. teachers, MD
  - Nov. 12: International Assoc. for World Englishes Conference, AZ
  - Nov. 24: Invited panel workshop facilitator, Maryland State Head Start Conference, Turf Valley Resort, Ellicott City, MD
  - Nov. 27: Invited Panelist, National Association for the Educational Therapy Students, Washington DC
  - Feb. 14, 2014: Invited speaker and panel moderator and panelist, IMC, San Diego, CA.

**Dr. James Lee**  
Fulbright Scholar – 2014-2015

*Fantasy on the Star-Spangled Banner*  
the Baltimore Symphony Orchestra on  
September 20 - 22, 2013  
Baltimore and North Bethesda, MD



*A Revelação Através do Santuário*  
for chorus and orchestra  
Engenheiro Coelho, and Americana  
São Paulo, Brazil  
September 22 & 24, 2013

*Ev'ry Time I Feel the Spirit*  
for Denyce Graves and the Sphinx  
Virtuosi  
Harris Theater  
Chicago, IL  
October 1, 2013

**Dr. Samuel Springer**  
**Mr. Vincent Dion Stringer**

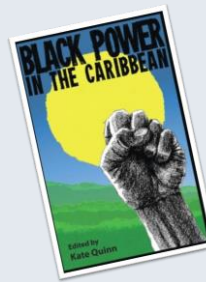


Dr. Samuel Springer and Mr. Vincent Dion Stringer (OMG) spent ten days from November 20-30, 2013 concertizing, teaching and adjudicating in Havana and Pinar del Rio, Cuba. They gave recital performances in the historic Catedral de San Cristobal de la Habana, The Miramar residence of the Bahamian Ambassador to Cuba, Her Excellency Ambassador Alma Adams, and the Ernesto Lecuona School in Pinar del Rio where they also presented a master class for the vocal students. In addition they served on a panel of seven adjudicators for the Compania Lirico Enesto Lecuona VII Voice Competition.

*Professor Blaise DePaolo*



JUSTICE GARDEN MURAL



**Dr. Derick Hendricks**

Chapter: Youth Responses to Discriminatory Practices: The Free Beach Movement 1970-1975 in Kate Quinn (ed.), *Black Power in the Caribbean*, Gainesville: University Press of Florida, 2014.

CONFERENCE PRESENTATIONS

Michael Oakeshott's Metaphysics of Experience: A Pragmatist Account," *Michael Oakeshott Association*, Colorado Springs, CO, September 27, 2013.  
*Conservatism and Pragmatism: Intersections in Normative Methodology*, Books-in-Progress Session at *Summer Institute in American Philosophy*, Eugene, OR, July 13, 2013.



INVITED TALKS

"The Sophists and Socrates," Gilman School, *10<sup>th</sup> Grade European History*, September 24<sup>th</sup>, 2013.  
"Irony, Cynicism, and Authenticity," Gilman School *Upper Division Assembly*, September 24<sup>th</sup>, 2013.

PEER-REVIEWED ARTICLES

- Vannatta, Seth. "Pragmatism without the Fighting Top: Functional Realism in Holmes's Jurisprudence." *Pragmatism, Law, and Language*, Volume 11 in *Topics in Contemporary Philosophy* (2013), pp. 292-288.
- Vannatta, Seth. "The Logic of Realism in Independent School Education: A Pragmatic Critique." *Contemporary Pragmatism*, Vol. 10, No. 1 (June 2013), 113-130.
- Vannatta, Seth. "The Inner and Outer Sources of Conservative Pragmatism." *Southwest Philosophy Review*, Vol. 20, No. 1 (January 2013), pp. 79-99.

**DR. SETH VANNATTA**

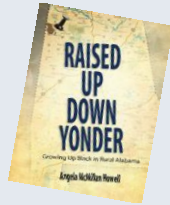
- Lyn, A., Turner-Musa, J., Morgan, I., & Belcher, H. (in press). Maternal characteristics and child behavior reports in head start settings. *Journal of Community Psychology*.
- Dr. Jocelyn Turner-Musa served as Co-Investigator on the Maternal and Child Health Careers/Research Initiatives for Student Enhancement-Undergraduate Program (MCHC/RISE-UP). As part of the program, Dr. Turner-Musa served as an Adjunct Professor at the University Of South Dakota Division Of Continuing Education where she taught an on-line course and webinar in Prevention Science to students at Kennedy Krieger Institute/Johns Hopkins University, University of South Dakota, and the University of Southern California. The program is funded by the Centers for Disease Control and Prevention.



**Dr. Jocelyn Turner-Musa**



## Dr. Angela Howell



Howell, Angela. *Raised Up Down Yonder: Growing Up Black in Rural Alabama*, The University Press of Mississippi (Margaret Walker Alexander Series in African American Studies), December 2013.

## Dr. Natasha Pratt-Harris



- Society for the Study of Social Problems presentation with students: "Social Problems through the Lens of Good Times, Temporary Layoffs" Natasha C. Pratt-Harris, Lea Uradu, Benedict Payne and Shenika McPherson August, 2013 New York, NY
- Association of Black Sociologists presentation: "Health Disparities Experienced by Falsely Accused Black Male Juveniles Who Were Charged as Adults" Natasha C. Pratt-Harris August, 2013 New York, NY
- Trinity Washington University lecture, Juvenile Forensics : "Critiquing the Innocence Movement" Case #1 of the Falsely Convicted Black Male Juvenile Charged as an Adult Natasha C. Pratt-Harris September, 2013 Washington, DC



Dr. N'Bare N'Gom, Chair of World Languages and International Studies Director of African Studies Program, interviewed by several outlets in Bogotá, Colombia



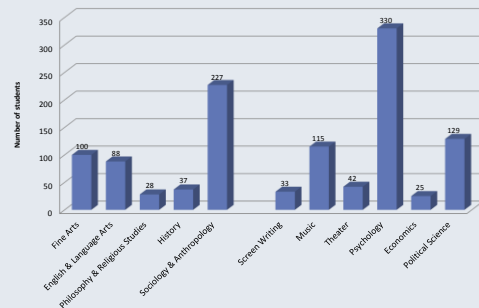
Dr. Muhammad Q. Guibria, a multiple-Fulbright fellowship recipient will serve as a Visiting Professorship at the Bangladesh Institute of Development Studies, 2013-14-under the Fulbright Core Fellowship.



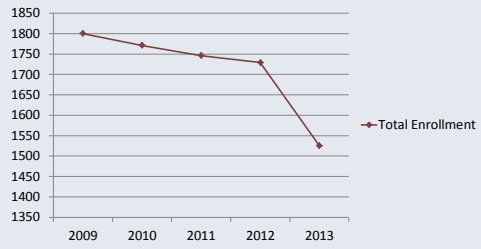
Setting the standards in an exceptional educational experience

*The College of Liberal Arts*  
**OUR STUDENTS & FACULTY**

## Distribution of Undergraduates in the Humanities and Social Sciences



## CLA Total Enrollment from 2009 to 2013



\*College of Liberal Arts included Communications Studies until 2013 when the School of Global Journalism was established