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.
<table>
<thead>
<tr>
<th>Last Name</th>
<th>First Name</th>
<th>Department</th>
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<td>Biology Chronic Sleep Disruption; Injury (multiple sclerosis, traumatic brain injury); Mutations of the Fragile X Gene (ovarian problems, motor problems and autistic behavior)</td>
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<td>Biology Evolution of Vertebrates, particularly the Reproductive Evolution of Characid Fishes</td>
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<td>Sleep Restriction of Rats Results in the Development of Many Pathologies</td>
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<td>Synaptic Plasticity; Neural Glucose Transporter Type-3 (GLUT3) Trafficking and Function; Neurodegeneration</td>
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<td>Translational Control of Gene Expression during Cellular Differentiation; Cancer Drug Development</td>
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<td>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</td>
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<td>Team and Organizational Effectiveness in Education, Healthcare, and Innovation Settings</td>
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<td>Stereotypes in Organizational and Entrepreneurial Settings, High Quality Connections in Entrepreneurial Networks, Relative Deprivation/Gratification in Entrepreneurship, and Diversity</td>
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<td>Gender and Diversity, Career, Leadership, Entrepreneurship and Networking Behavior</td>
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<td>New Business Development, Creativity and Innovation, Entrepreneurial Leadership, and Organizational Learning</td>
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<td>Enzymology, protein structure-function relationships, carbohydrate biosynthesis, chemoenzymatic synthesis, carbohydrate-based biomaterials, vaccine development</td>
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<td>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</td>
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<td>Composite Materials, Seismic Retrofitting of Bridges and Buildings (earthquake engineering)</td>
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</tbody>
</table>

Back to Index by [Faculty Last Name](#) or [Department/Area of Expertise](#)
<table>
<thead>
<tr>
<th>Field</th>
<th>Area of Expertise</th>
<th>Name</th>
<th>Last Name</th>
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*Back to Index by [Faculty Last Name](#) or [Department/Area of Expertise](#)*
<p>| Information Science &amp; Systems | Decision making; Process characterization; Health Care Analytics | Ramsey | Gregory |
| Information Science &amp; 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 &amp; Systems | Information Systems and Analysis | Bapna | Sanjay |
| Information Science &amp; Systems | Information Systems and Human Computer Interactions | Bhatt | Ganesh |
| Information Science &amp; Systems | Security, risk management, and information systems | Patel | Sandip |
| Information Science &amp; 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 | Wells | Anita |</p>
<table>
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</table>
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:

M.Sc. in Chemical Engineering, Middle East Technical University (Turkey), 1998.  
B.Sc. in Chemical Engineering, Hacettepe University (Turkey), 1995.

Research Interests:


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

Recent and Selected Publications:


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

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E-mail: sanjay.bapna@morgan.edu

Education:
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:


Back to Index by Faculty Last Name or Department/Area of Expertise
Kesha Baptiste-Roberts  
Assistant Professor – Department of Public Health Analysis

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Office: Portage, Room 211  
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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:


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
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

Back to Index by Faculty Last Name or Department/Area of Expertise


Brett Berliner
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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:


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

Back to Index by Faculty Last Name or Department/Area of Expertise
Ganesh Bhatt  
Professor – Department of Information Science & Systems

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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:
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.  
Terra Bowen-Reid
Associate Professor – Personality Psychology

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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:


Leon Bridges
Assistant Professor – School of Architecture & Environmental Design

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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
Lawrence Brown
Assistant Professor – Department of Health Policy & Management

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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

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:
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:**


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:  

Back to Index by Faculty Last Name or Department/Area of Expertise
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-Villemain
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:

Recent and Selected Publications:

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:

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
Linda Darrell
Assistant Professor – Masters in Social Work Department

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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:


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

Back to Index by Faculty Last Name or Department/Area of Expertise
Secure IP Multicasting With Encryption Key Management, ITC2011, Oct 2011 N Maharjan, D Moten, R Dean


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

"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

Back to Index by Faculty Last Name or Department/Area of Expertise
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).


"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.


Francis Dube
Assistant Professor – Department of History & Geography

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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).

Conference Presentations:

Back to Index by Faculty Last Name or Department/Area of Expertise


“‘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.
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
Chunlei Fan  
Associate Professor – Biology Department

MSU Campus  
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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:


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*
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:  

Back to Index by Faculty Last Name or Department/Area of Expertise

Mohammad Gharipour
Associate Professor – School of Architecture

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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)
Co-editor and author, *The City in the Muslim Word: Depictions by Western Travelers* (Routledge, 2014)
Editor and author, *Sacred Precincts: The Religious Architecture of Non-Muslim Communities across the Islamic World* (Brill, 2014)

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


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:  
Ullmann Coupling of Aryl Halides for Making HTL/ETL Light-Emitting Diodes, GK Haynes, ACS MARM2001  
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
Synthesis, Characterization, and Fluorescence and Cytotoxicity Studies of a Tetrarhenium 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(a-diimine)rhenium(I), fac-(CO)3(a-diimine)ReCl, complexes; Inorganic Chemistry Communications 11 (2008) 1054-1056
Molecular Modeling of the Competing N2 and N7 Nucleophilic Attacks of Guanine on BP Diolepoxide, A Metabolized Product of Environmental Benz[a]pyrene, RS Monique Wallace, Gregory Haynes, 21st Annual Research Symposium 2014
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:
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:


Back to Index by Faculty Last Name or Department/Area of Expertise


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:  

Ivell R, Teerds K, Hoffman GE. Proper application of antibodies for immunohistochemical

signaling in GnRH neurons leads to hypogonadotrophic hypogonadism. Mol Endocrinol. 2014

Hermanstyne 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-

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
Epub 2012 Apr 2.

experience mediated by oxytocin? Front Psychiatry. 2011 May 9;2:24. doi:

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
2011 Jan 8.

Wu S, Divall S, Hoffman GE, Le WW, Wagner KU, Wolfe A. Jak2 is necessary for

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
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

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

Back to Index by Faculty Last Name or Department/Area of Expertise


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

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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

Back to Index by Faculty Last Name or Department/Area of Expertise
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


Back to Index by Faculty Last Name or Department/Area of Expertise
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
John Hosler
Associate Professor – Department of History & Geography

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Phone: 443-885-1792
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Education:
Ph.D. History - Univ. of Delaware
M.A. History - Iowa State Univ.
M.A. English Literature - Iowa State Univ.
B.A. English/History - Iowa State Univ.

Research Interests:
Medieval military history and strategy and its historiographic, political, and religious contexts

Recent and Selected Publications:

Henry II: a Medieval Soldier at War, 1147-1189 (Brill, 2007).
"Why Didn't King Stephen Crusade?" in Travels and Mobilities in the Middle Ages: from the Atlantic to the Black Sea, eds. M. O'Doherty and F. Schmieder, International Medieval Research 21 (Brepols, 2015), 121-42.
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

Back to Index by Faculty Last Name or Department/Area of Expertise
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:


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


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.


Faridul Islam
Chairperson of Economics Department
Professor – Economics Department

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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


DOI 10.1007/s00181-014-0800-3 (Online version March 2014).
DOI: http://dx.doi.org/10.1108/IJSE-12-2013-0291


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


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

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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:


Back to Index by Faculty Last Name or Department/Area of Expertise


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:


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
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:


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
Kamangar F, Karimi P. The state of nutritional epidemiology: Why are we still unsure of what we should eat? Archives of Iranian Medicine 2013, 16: 483 - 486

Back to Index by Faculty Last Name or Department/Area of Expertise
research project: Impact on the health research and health care system in Iran. Archives of Iranian Medicine 2013, 16: 46 - 53
Kamangar F. Causality in epidemiology. Archives of Iranian Medicine 2012, 15: 641 - 647
Kamangar F. Effect modification in epidemiology and medicine. Archives of Iranian Medicine 2012, 15: 575 - 582
Kamangar F. Confounding variables in epidemiologic studies: Basics and beyond. Archives of Iranian Medicine 2012, 15: 508 - 516

Back to Index by Faculty Last Name or Department/Area of Expertise
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:


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:


Back to Index by Faculty Last Name or Department/Area of Expertise

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:


Back to Index by Faculty Last Name or Department/Area of Expertise
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:
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:


Back to Index by Faculty Last Name or Department/Area of Expertise


**Back to Index by Faculty Last Name or Department/Area of Expertise**


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:


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:


Back to Index by Faculty Last Name or Department/Area of Expertise


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:

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:


Back to Index by Faculty Last Name or Department/Area of Expertise


Gabrielle Mclemore  
Associate Professor – Biology Department  

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

Recent and Selected Publications:  
Tolosa JN, Cooper R, Myers AC, McLemore GL, Northington F, Gauda EB. Ontogeny  

Back to Index by Faculty Last Name or Department/Area of Expertise


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:


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.


Back to Index by Faculty Last Name or Department/Area of Expertise


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).  
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:


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:  


Back to Index by Faculty Last Name or Department/Area of Expertise


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

Back to Index by Faculty Last Name or Department/Area of Expertise
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

Edited Books

Refereed Journal Publications

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.


Invited Talks and Workshops

46. K. Nyarko, “VACCINE MSI Faculty Training Workshop”, Participant, Jackson State, July 2013
51. Kofi Nyarko, “Interactive Course Assessment with SearchLight Performance Analytics”, Morgan State University Faculty Institute, Fall 2010

White Papers

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
61. K. Nyarko, “Gesture Based Control of UAV”, Engineering Visualization Research Lab, Morgan State University, April 2011
64. K. Nyarko, “Enhancing Decision Making through Battlespace Visual Analytics”, Engineering Visualization Research Lab, Morgan State University, October 2010

Publicly Available Reports

Intellectual Property Disclosures

Copyrights

Software Applications Developed
80. “SearchLight, Online Performance Assessment”, K&K Analytics, 2014
82. “iHelps, Aids Awareness Mobile App”, K&K Analytics, 2013

Back to Index by Faculty Last Name or Department/Area of Expertise
83. “iLEAPS Campus Security Mobile App”, Morgan State University, 2013
84. “Link Visualization Tool”, Morgan State University, 2012
86. “K-Vac, Population Evacuation Simulator”, Morgan State University, 2005
88. “NanoExplorer, Atomic Force Microscopy Visualization”, Morgan State University, 2004
89. “EM Viz Electromagnetic Visualization Software”, Morgan State University, 2004
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:


Back to Index by Faculty Last Name or Department/Area of Expertise


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:


Back to Index by [Faculty Last Name](#) or [Department/Area of Expertise](#)
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:
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)
Captives and Countrymen: Barbary Slavery and the American Public, 1785-1816 (Johns Hopkins UP, 2009).
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:


Back to Index by Faculty Last Name or Department/Area of Expertise


Selected Publications on Translational Control of Gene expression:


Back to Index by Faculty Last Name or Department/Area of Expertise


**Book Chapters:**


**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)
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:  

Back to Index by Faculty Last Name or Department/Area of Expertise
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:


Back to Index by Faculty Last Name or Department/Area of Expertise


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:


Back to Index by Faculty Last Name or Department/Area of Expertise


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:


**Honourable Mention Award.**


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:


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:

Back to Index by Faculty Last Name or Department/Area of Expertise


**Books Written:**


**Patents:**


**Directed Student Research/Presentations:**


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.


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.
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.


11. “Computational Analysis of the Thermochemistry of Wöhler’s Synthesis of Urea,” Nishone Thompson and Roosevelt Shaw, 21st 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, 22nd Annual Undergrad. & Graduate Science Research Symposium, Department of Chemistry, Morgan State University, Baltimore, MD, April 2015.


15. “Using Molecular Modeling Calculations to Predict Relative Melting Points of Diastereomeric Pairs in The Same Symmetry Point Group,” Stephanie Nwabuiyi and Roosevelt Shaw, 23rd Annual Undergraduate and Graduate Research Symposium, Department of Chemistry, Morgan State University, Baltimore, MD, April 14, 2016.
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
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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:


Back to Index by Faculty Last Name or Department/Area of Expertise


Sheikhattari 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.

Viji Sitther
Associate Professor – Department of Biology

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


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.  

Back to Index by Faculty Last Name or Department/Area of Expertise
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:**


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:


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:
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.
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


Laurens Van Sluytman
Professor – Masters in Social Work Department

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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:


Back to Index by Faculty Last Name or Department/Area of Expertise

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
Department of Mental Hygiene.
Addiction Research Center. Etiology Branch. Epidemiology Unit. Guest Researcher.
1984-88 Escuela Interdisciplinaria de Aprendizaje y Comunicación Grupal. Diploma: Group
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.
Diseño de un sistema de evaluación para un proyecto preventivo de la farmacodependencia a
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:**


**Back to Index by Faculty Last Name or Department/Area of Expertise**


Back to Index by [Faculty Last Name] or [Department/Area of Expertise]
Ziping Wang
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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:

Back to Index by Faculty Last Name or Department/Area of Expertise
Kimberly Warren
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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


Anita M. Wells
Associate Professor – Clinical Psychology
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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:


Back to Index by Faculty Last Name or Department/Area of Expertise


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

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Phone: 443-885-3794
E-mail: angela.winstead@morgan.edu

Back to Index by Faculty Last Name or Department/Area of Expertise
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:


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