



HBCU/MSI JCI FEATURING:

Morgan State University

Daniel Laughlin

April 13, 2022



VIDEO CLIP INTRODUCTION

- Website www.morgan.edu
- Virtual Tour https://www.youvisit.com/tour/morgan/morgan_state_u?pl=v
- Video https://youtu.be/tu6n-N-L1_Y

MORGAN STATE UNIVERSITY

College/ University Name	Morgan State University	Campus Address:	1700 E. Cold Spring Lane Baltimore, MD 21251
President:	Dr. David Wilson	Main Phone Number:	443-885-3333
E-mail Address:		Year Established:	1867
Website:	www.morgan.edu	Educational Demographic:	Morgan State is one of the few historically black institutions nationally to offer a comprehensive range of academic programs, in business, engineering, education, architecture, social work, and hospitality management, in addition to those in the arts and sciences and programs leading to the doctorate.

COLLEGE UNIVERSITY CURRICULUM/PROGRAMS

College of Interdisciplinary & Continuing Studies

- Bachelor's Programs
- Master's Programs
- Doctoral Programs
- Center for Continuing & Professional Studies

School of Business and Management

- Accounting & Finance
- Business Administration
- Information Science & Systems

School of Community Health and Policy

- Health Education Program
- Nursing Program
- Nutritional Sciences Program
- Public Health Program

School of Architecture and Planning

- Department of Undergraduate Design
- Department of Construction Management
- Department of Graduate Built Environment Studies

COLLEGE UNIVERSITY CURRICULUM/PROGRAMS (CONT.)

School of Computer, Mathematical, and Natural Sciences

- Biology
- Chemistry
- Computer Science
- Mathematics
- Physics

School of Education and Urban Studies

- Department of Advanced Studies, Leadership & Policy
- Department of Family & Consumer Sciences
- Department of Teacher Education & Professional Development

School of Global Journalism & Communication

- Multimedia Journalism
- Multiplatform Production
- Strategic Communication

School of Engineering

- Civil Engineering
- Electrical & Computer Engineering
- Industrial & Systems Engineering
- Mechatronic Engineering
- Transportation & Urban Infrastructure Studies

School of Social Work

- BSW Department
- MSW Department
- PhD Department

NAICS CODE(S) AND CAPABILITIES

NAICS Code(s):

- 6113105
- Sector 51: Information
- Sector 54: Professional, Scientific, & Tech. Services
- Sector 61: Education Services
- Sector 92: Public Administration

Capabilities:

Physics

- Image processing and digital signal and applications to biology and medicine
- Mathematical modeling
- Nanotechnology and its applications
- Mossbauer spectroscopy
- Condensed matter physics
- Acoustics and inverse problem theory
- Magnetic thin films
- Bioinformatics
- Quantum Literacy

Computer Science

- Artificial intelligence and Machine learning
- Computer modeling Computer engineering
- Bioinformatics
- Computational sciences
- Information Assurance

Mathematics

- Nonlinear functional analysis
- Free boundary problems in fluid mechanics
- Automorphy and Periodicity
- Lattice Theory

PAST PERFORMANCE

National Institute of Health

- A Student-Centered Entrepreneurial Development (ASCEND) Training Model to Enhance the Diversity of Biomedical Research Workforce, 2014- 2024 [Over \$40M]
- The Centers for Urban Health Disparities Research and Innovation at MSU, 2019-24 [Over \$14 million]; also received several rounds of RCMI funding prior to 2009, an additional \$16M, with a total \$30M.
- Impacts of Sarcomeric Protein Phosphorylation on Ischemic Hearts, 2019- 2022, [Over \$450,000]
- Encapsulation and Delayed Release of Gemcitabine by Aluminum Metalorganic Frameworks, 2020-2023 [Over \$325,000]
- Fluorescent sensors for subcellular copper imaging in live cells, 2019-2022 [Over \$438,000]
- **Food Drug Administration** - NMR-and SFC/MS-based Metabolomics Approaches for the Authentication and Assessment of the Quality of Botanical Raw Materials, 2020-2022 [\$900,000]
- **National Science Foundation** Develop Prototype for the National Quantum Literacy Workforce Curriculum and Training Network, Phase 1 2020-2021 [\$911,483]
- **Small Business Administration** Establish the Baltimore Metropolitan Women’s Business Center supporting women-owned enterprises negatively impacted by the pandemic, 2020-2021, [\$495,000]
- **Other Federal Agencies & Divisions**
 - Department of Homeland Security
 - Department of Defense
 - National Institute of Standards and Technology
 - Substance Abuse and Mental Health Services Administration

COLLEGE/UNIVERSITY CONTACT(S)

Name	Title	Phone Number	E-mail Address
Willie May	VP, Research and Economic Development	443-885-4630	Willie.may@morgan.edu
Timothy Akers	AVP, Research Innovation & Advocacy	706-255-3963	Timothy.akers@morgan.edu
Farin Karmangar	AVP, Research Administration	301-655-9280	Farin.karmangar@morgan.edu
Dan Laughlin	Director, GESTAR	410-212-3781	Daniel.laughlin@morgan.edu