

## Faculty & Land-grant Research Staff

### DR. SABINE O'HARA

Dean and Director of Land-grant Programs

#### Expertise

- Sustainable Economic Development
- Community-Based Economic Assessment
- Ecological and Agricultural Economics
- Urban Agriculture
- Executive Leadership



#### Education

- Doctorate in Environmental Economics, University of Göttingen, Germany.
- Master's (Diplom) in Agricultural Economics, University of Göttingen, Germany.
- BS (Vordiplom) in Agricultural and Life Science, University of Göttingen, Germany.

### WILLIAM HARE

Associate Dean of Land-grant Programs

#### Expertise

- Soil Nutrients
- Water Resource Management
- Water Quality
- Agroecology



#### Education

- Post-graduate Studies, University of Kentucky
- MSc. in Soil Science, Purdue University

### DR. ELGLORIA HARRISON

Associate Dean of Academics

#### Expertise

- Respiratory Therapy
- Pediatric and Neonatal Care
- Asthma Education



#### Education

- Doctor of Management, University of Maryland, University College
- M.S. in Strategic Communication, Purdue University
- M.S. in Healthcare Administration, University of Maryland, University College
- B.S. in Biology, Southern University

## LAND-GRANT SPECIALISTS

### DR. TOLESSA DEKSISSA

Director  
Water Resources Research Institute

#### Expertise

- Water Quality Assessment and Monitoring
- Metal Analysis in Urban Soils
- Watershed Contamination
- Soil Contamination and Abatement
- Integrated Urban Wastewater Systems
- Geo-Spatial Analysis

#### Education

- Ph.D. in Environmental Technology, Ghent University
- M.S. in Environmental Sciences, Ghent University
- B.S. in Arid Land Crop Sciences, Alemaya University, Ethiopia



### MATTHEW GARDINE

Assistant Farm Manager  
Center for Urban Agriculture and Gardening Education

#### Expertise

- Crop Cultivation
- Crop Harvesting
- Crop Propagation
- Pest Management

#### Education

- M.S. in Community Food and Agricultural Systems, Michigan State University
- B.S. in Political Science, Georgetown University



### DR. MAMATHA HANUMAPPA

Project Specialist, Ethnic and Specialty Crops  
Center for Urban Agriculture and Gardening Education

#### Expertise

- Plant Physiology and Photoperception
- Agricultural Biotechnology and Genomics
- Flower, Seed and Root Development
- Abiotic Stress Tolerance
- Agriculture in a Changing Climate

#### Education

- Ph.D. in Horticulture, University of Maryland
- M.Sc. in Medicinal and Aromatic Plants, – University of Agricultural Sciences, Bangalore, India
- B.S. in Horticulture, University of Agricultural Sciences, Bangalore, India



## CAROLINE HOWE

Project Specialist in Sustainability Innovation and Urban Resilience  
Center for Sustainable Development and Resilience



### Expertise

- Urban Planning
- Engineering
- Entrepreneurship
- Green Building Design
- Environmental Justice
- Food Access
- Water Quality Protection

### Education

- Masters in City Planning (MCP), Massachusetts Institute of Technology
- B.S. in Environmental and Mechanical Engineering, Yale University

## DR. TIFFANY JOHNSON-LARGENT

Project Specialist, Health and Wellness  
Center for Nutrition, Diet and Health

### Expertise

- Behavior Modifications after Nutrition Interventions
- Food Safety (Produce)
- Nutrition Interventions for Obesity/Weight Gain for Individuals Taking Psychotropic Medications
- Nutritional Anemias

### Education

- Ph.D. in Nutritional Sciences, Howard University
- M.S. in Nutritional Sciences, Howard University
- B.S. in Biology, Bowie State University
- Registered Dietitian, Dietetic Verification Program, Howard University

## DR. DWANE JONES

Director  
Center for Sustainable Development and Resilience



### Expertise

- Urban Sustainability
- Urban Storm Water Management
- Environmental Policy
- Urban Design
- Public Health

### Education

- Ph.D. in Urban Design, North Carolina State University
- M.S. in Environmental Planning & Industrial Technology, East Carolina University
- B.S. in Urban and Regional Planning, East Carolina University
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## **YAHYA “MUSTAFAA” MADYUN**

Assistant Director  
Center for 4-H and Youth Development

### **Expertise**

- Youth Development
- Youth Engagement & Leadership
- Youth Worker Education
- Youth & Adult Partnership
- Parent Learning
- Adult Learning
- Program Design, Development, and Implementation
- Organizational Leadership
- Facilitation & Inspirational Speaking

### **Education**

- M.S. in Youth Development Leadership, Clemson University
- Graduate Certificate of Adult Education, University of the District of Columbia
- B.A. in Theater Arts, University of the District of Columbia



## **DR. LILLIE MONROE-LORD**

Director  
Center for Nutrition, Diet and Health

### **Expertise**

- Childhood Obesity Prevention
- Food Security
- Health Literacy
- Geriatrics
- Food Safety Management

### **Education**

- Ph.D. in Community Nutrition, Howard University



### **DR. MATTHEW RICHARDSON**

Assistant Director, Urban Agriculture Research  
Center for Urban Agriculture and Gardening Education



#### **Expertise**

- Urban Agriculture Production Systems
- High-Value Crops Adapted to Urban Heat Islands
- Crop Nutrients
- Pest Identification and Management
- Mitigating the Impact of Human Activities on Biodiversity
- Natural Resources
- Climate Change

#### **Education**

- Ph.D. in Ecology, Evolution and Conservation Biology, University of Illinois at Urbana-Champaign
- M.S. in Natural Resources and Environmental Sciences, University of Illinois at Urbana-Champaign
- B.S. in Entomology with a concentration in Wildlife Conservation, University of Delaware
- B.A. in Biology, University of Delaware

### **LAURA SCHATZMAN**

Project Specialist, Environmental and Public Health  
Center for Sustainable Development and Resilience



#### **Expertise**

- Urban Design
- Energy and Environment
- Community Engagement

#### **Education**

M.S. in Landscape Architecture, University of Illinois at Urbana-Champaign

### **CHARANYA SUNDAR**

Senior Program Coordinator, SNAP-ED  
Center for Nutrition, Diet and Health

#### **Expertise**

- Program Development
- Nutrition Education
- Public Policy
- Diagnostics and Counseling
- Health Communication

#### **Education**

- B.A. in Neuroscience, Johns Hopkins University
- M.S. in Nutritional Science, University of Illinois at Chicago
- Certificate in Public Health Management, University of Illinois at Chicago
- Registered Dietitian Nutritionist, Academy of Nutrition and Dietetic

## **DR. LOUIS THOMAS**

Project Specialist  
Center for Sustainable Development and Resilience

### **Expertise**

- City Design & Development
- Urban Studies & Planning
- Urban Design Software
- Qualitative Research Design & Methods

### **Education**

- B.A. in Film & Electronic Media, Bard College
- M.C.P. in Urban Studies & Planning, University of Maryland College Park
- Ph.D. in Urban Studies & Planning, Massachusetts Institute of Technology

## **SEBHAT TEFERA**

Project Specialist, Environmental Testing  
Center for Urban Agriculture and Gardening Education

### **Expertise**

- Food Quality and Safety
- Chemical Engineering
- Water Contaminants
- Mathematics

### **Education**

- M.Sc. in Chemical Engineering, Warsaw University of Technology, Poland



## **HARRIS TROBMAN**

Project Specialist in Green Infrastructure  
Center for Sustainable Development and Resilience

### **Expertise**

- Green Infrastructure Training for Workforce Development
- Green Infrastructure system performance
- Integrating Green Infrastructure into Urban Agriculture
- Landscape Maintenance
- Project management and oversight
- Community Partnerships
- Regenerative Design
- Landscape Architecture

### **Education**

- Masters of Landscape Architecture, University of Maryland
- B.S. in Ornamental Horticulture and Environmental Design, Delaware Valley University (Formerly Delaware Valley College)



### **DR. MEGAN WILKERSON**

Senior Program Coordinator, Pesticide Safety  
Center for Urban Agriculture and Gardening Education



#### **Expertise**

- International Agriculture
- Entomology
- Urban Sustainability
- Pesticide Safety
- Integrated Pest Management
- Social Impact Assessment
- Community Capacity Building

#### **Education**

- Ph.D. in Entomology, Penn State University
- Ph.D. in International Agriculture, Penn State University
- M.S. in Agricultural Sciences, Florida Agricultural and Mechanical University
- B.S. in Biology, Fort Valley State University

### **DR. KAMRAN ZENDEHDEL**

Assistant Director  
Center for Sustainable Development and Resilience



#### **Expertise**

- Community-Based Decision Making
- Urban Resilience
- Natural Resources
- Watershed Management
- Composting

#### **Education**

- Advanced Diploma in Urban Resilience, New York University
- Ph.D. in Community-Based Decision Making, Ghent University (Belgium)
- M.Sc. in Natural Resources Management, Tehran University
- B.Sc. in Watershed Management, Mazandaran University

## ACADEMIC FACULTY

### ELMIRA ASONGWED

Nursing Faculty  
Department of Health, Nursing and Nutrition

#### Expertise

- Critical Care Nursing
- Emergency Care Nursing
- Breast Cancer in Minority Women
- Childhood Obesity

#### Education

- M.S. in Community Health Nursing and Education, University of Maryland, Baltimore
- Certified Nurse Educator from the National League for Nursing



### DR. ANNE MARIE JEAN-BAPTISTE

Nursing Faculty  
Department of Health, Nursing and Nutrition

#### Expertise

- Critical Care Nursing
- Emergency Care Nursing
- Qualitative Research Methodology
- Registered Nurse Case Manager
- Nursing Manuscript Reviewer
- Nursing Theory

#### Education

- Ph.D. in Nursing, University of Phoenix
- M.S in Nursing, University of Phoenix
- M.S. in Healthcare Management, University of Maryland
- B.S. in Nursing, University of the District of Columbia
- B.S. in Human Sciences, University of Human Sciences, Port-au-Prince, Haiti



### RALPH BELTON

Architecture Faculty  
Department of Architecture and Urban Sustainability

#### Expertise

- Architectural Curriculum Development
- Historic Preservation
- Zoning Appeals
- Problem Seeking and Analysis
- Residential Design and Renovation

#### Education

- B' Arch, Howard University
- M' Arch, Howard University





### **DR. PIER BROADNAX**

Director  
RN to BSN in Nursing Program

#### **Expertise**

- Critical Care Nursing
- Emergency Care Nursing
- Breast Cancer in Minority Women
- Childhood Obesity

#### **Education**

- Ph.D. in Nursing, George Mason University



### **KATHY DIXON**

Architecture Faculty  
Department of Architecture and Urban Sustainability

#### **Expertise**

- Housing and Community Development
- Urban Planning
- Construction
- Building Design

#### **Education**

- B' Arch, Howard University
- Master's in Urban Planning, University of California, Los Angeles



### **DR. B. MICHELLE HARRIS**

Director  
Nutrition and Dietetics Program

#### **Expertise**

- Critical Care Nursing
- Emergency Care Nursing
- Breast Cancer in Minority Women
- Childhood Obesity

#### **Education**

- B.A. in Chemistry, Holy Cross College
- M.S. in Nutrition and Food Science, Framingham State College
- M.P.H., Harvard University



### **DR. TIA JEFFERY**

Nutrition Faculty  
Department of Health, Nursing and Nutrition

#### **Expertise**

- Medical Nutrition Therapy
- Nutrition for Sports Medicine & Human Performance
- Metabolic Syndrome
- Health Disparities of Food Access
- Chronic Disease

#### **Education**

- B.S. in Dietetics, Oakwood University
- M.S. in Human Nutrition, The Ohio State University
- Ph.D. in Public Health from Walden University



### **DR. SUSAN SCHAEFER KLIMAN**

Chair  
Department of Architecture and Urban Sustainability

#### **Expertise**

- High Performance Architecture and Green Infrastructure
- Urban Heat Island Mitigation through Integration of Landscape and Building Design
- Thermal Transfer and Building Science
- Design for Healthy and Resilient Communities

#### **Education**

- Ph.D. in Arid Lands Resource Sciences (minor in Geography), University of Arizona
- Master of Architecture (desert architecture track), University of Arizona
- Bachelor of Architecture, Cornell University

