Atef Amirche is a PhD Student in the Environmental Resource Engineering Department. His research is focused on using Artificial Intelligence and Data Mining methods for environmental monitoring with remote sensing imagery. He has a BS in Agronomy, an MS in Soil Science, and an MS in Geoinformation in Environmental Management.

- He was a GA for 4 years and has experience with the following courses: (1) Surveying for engineers, (2) Principles of Remote Sensing, (3) Spatial Analysis, (4) Numerical and Computing methods, and (5) Probability and Statistics.
- This is his third year working on the colloquium.

Shumaila J. Bhatti is a PhD Student in Environmental Science with specialization in Environmental Communication and Participatory Processes (ECPP). Her research is focused on understanding how social and traditional media communicate about the science around COVID-19 and Climate Change to produce behavioral change response. She received her MS in Environmental Science with a specialization in Water and Wetland Resources from ESF and a BS in Environmental Science from Pakistan.

- She has been a TA for 2 years for Environmental Impact Assessment Introduction to Personal Environmental Interpretation Methods, and Introduction to Geospatial information and Technology and a GA for Environmental Studies Undergraduate Curriculum Committee.
- This is her second year working on the colloquium.

Shelby Coleman is a PhD Candidate in Environmental Chemistry. Her research focuses on air quality at the I-81/690 interchange in downtown Syracuse, which currently runs through an environmental justice neighborhood and is being redesigned by the New York State Department of Transportation. She earned a B.S. in biochemistry from Bloomsburg University of Pennsylvania in 2016 and the Certificate of Advanced Study in Public Health from SUNY Upstate Medical University in 2020.

- She has been a GA for General Chemistry I and II Labs and Analytical Chemistry Lab for seven semesters.
- This is her second year working on the colloquium.

Lauren Cornell is a Master’s student in the Environmental Studies department with a focus on Environmental Communication and Environmental Policy. Her current research is on understanding how uncertainty about climate change solutions is created, and how uncertainty manifests within college-aged adults. She received her B.S. in Atmospheric Sciences and A.S. in Electronic Journalism Arts from Northern Vermont University-Lyndon in 2020.

- She was a TA for Foundations of Environmental Communication for one semester, a GA for the Writing Resource Center for one semester, and a GA for the Digital Storytelling Studio for one semester.
- This is her first year working on the colloquium.

Jackson Doe-Mensah is a PhD candidate in the Chemical Engineering Department. His research encompasses effects of radiation on wood and nanocellulose for high performance applications. He has been a TA/RA at the Kwame Nkrumah University of Science and Technology in Ghana after receiving his BSC in Forest Resources Technology. He is also the Vice President of the ESF International Students Association.

- He was a GA for Air Pollution Engineering, The Art and Early History of Papermaking, Fiber Processing and Pulping & Bleaching Processes.
- This is his third year working on the colloquium.

Hollis Harrington is an MS student in Environmental Chemistry in the Chemistry Department. His research focuses on the disinfection byproduct formation potential of the Mohawk River. He received his BS in Chemistry from SUNY-ESF in 2018.

- He has been a GA for General Chemistry Lab, Analytical Chemistry II Lab, Methods of Environmental Chemical Analysis, and a RA for a NYSDEC project on disinfectant byproducts.
- This is his third year working on the colloquium.
**2021 Graduate Assistant Colloquium Staff**

**Tondelaya George**, Director, ESF Open Academy; Dr. George holds bachelor’s and master’s degrees in Communications from Clarion University and a doctorate in Organizational Management from the School of Business and Management, University of Maryland University. While at Duke University, Dr. George managed the logistics of one of the most extensive health and medical aid programs to a developing country-Rwanda. Under her direction, the program was launched by the U.S. government in concert with six American schools of nursing, 12 schools of medicine, two dental schools, and two schools of health management. She brings a wealth of knowledge and deep commitment to furthering the College's inclusion, diversity, and equity goals. Having completed her dissertation in "Workforce Diversity in Higher Education: Career Support Factors Influencing Ascendancy of African American Women to Senior-Level Positions."

**Brandon Murphy**, Coordinator for TLC-Online Programs, ESF Open Academy. He has a B.S. in Biology from SUNY Cortland and completed graduate courses in Ecology at SUNY ESF. Brandon is certified as a Quality Matters course reviewer for SUNY, has completed training as an OSCQR Certified Trainer, and has earned the Open SUNY Center for Online Teaching Excellence’s (COTE) Online Instructional Design Competency Development Certificate. He is also a co-instructor for the Seminar on College Teaching at ESF.

**Mary Rathbun**, Administrative Assistant, joined the ESF Open Academy team in March 2017. She offers administrative support to the Open Academy Director and staff. Prior to joining the Open Academy, Mary worked for SUNY Upstate Medical University, in Human Resources and the Registrar's Office and at the NYS Office of Mental Health Central New York Field Office, working with the Suicide Prevention Coordinator, Child and Family Services Team and the Regional Advocacy Specialist covering 20 Central New York counties.

**Dan Collins** is a PhD candidate in the Environmental and Forest Biology researching the positive benefits of therapeutic horticulture with spinal cord injury patients at the Syracuse VA Medical Center. He graduated from Dowling College with a BA in Biology in 2012, where he researched nanoparticle toxicity to soil microbes. At ESF, he was a TA for 4 years for the Diversity of Life course, and is now in his fourth year as the Graduate Assistant for the ESF Open Academy. He would like to teach at the collegiate level after he graduates.

### 2021 Teaching Fellows

<table>
<thead>
<tr>
<th>Name</th>
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### ESF Open Academy, 235 Gateway

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**Mary Rathbun**, Administrative Assistant
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**Dan Collins**, Graduate Assistant
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**Open Academy Staff—Continued:**

**Katherina Searing**, Associate Director, Open Academy

**Sarah Yurka**, Assistant Director, Special Sessions-Summer, Visiting Students

**Ashley Gouger**, Instructional Designer

**Katherine Lang**, Program Coordinator, Online Education

**Ernest Nkansah-Dwamena, PhD**, Visiting Assistant Professor

**TBA**, Director, ESFHS / OELO

**Maura Stelf**, Program Manager, ESFHS / OELO