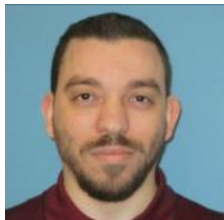
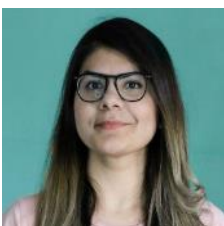


2022 Graduate Assistant Colloquium Teaching Fellows



Atef Amriche, is a PhD candidate in the Environmental Resource Engineering Department. His research combines Artificial Intelligence and Data Mining methods for environmental monitoring using remote sensing images. He has a BSc in Agronomy, a MSc in Soil Science, and a MSc in Geoinformation in Environmental Management.

- ◇ *He was a TA at ESF for 4 years where he assisted with several courses, and he also worked as a Research Project Assistant (RPA) for 1 year.*
- ◇ *This is his fourth year working on the colloquium.*



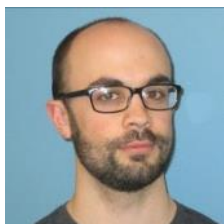
Shumaila J. Bhatti is a PhD Student in Environmental Science with specialization in Environmental Communication and Participatory Processes (ECP). Her research is focused on understanding how social and traditional media communicate about the science around COVID-19 and Climate Change to produce behavioral 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 third year working on the colloquium.*



Amanda Charette is a PhD Candidate in Environmental Chemistry. Her research focuses on the chemical releases and sociodemographic characteristics of the neighborhoods surrounding Toxic Release Inventory facilities in Upstate New York. She earned a B.S. in Forensic Science and a B.S. in Chemistry from the University of New Haven in 2018, and received her M.S. in Environmental Chemistry in 2020.

- ◇ *She had been a GA for General Chemistry I and II Labs, General Chemistry I Lecture, and Environmental Sampling Methods Lab and Lecture.*
- ◇ *This is her first year working on the colloquium.*



Hollis Harrington is a PhD student in the Chemistry Department. His research focuses on how terrestrial organic carbon from forested watersheds may impact the drinking water quality of riverine systems in the coming decades. He received his BS and MS in Chemistry from SUNY-ESF in 2018 and 2021 respectively.

- ◇ *He has been a GA for General Chemistry Lab, Analytical Chemistry II Lab, Methods of Environmental Chemical Analysis, and a RA on projects funded by the NYSDEC examining disinfection byproducts.*
- ◇ *This is his fourth year working on the colloquium.*

2022 Teaching Fellow Email

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Amanda Charette Chemistry	atcharet@syr.edu
Hollis Harrington Chemistry	hcharrin@syr.edu



Neal Abrams, Interim Director, ESF Open Academy; He is an inorganic chemist, has been with ESF since 2007. His research interests lie in the areas of materials and inorganic chemistry, encompassing areas of alternative energies such as energy storage, photovoltaics, and fuel cells. His course Solar Energy Basics has garnered more than 65,000 enrollments since its 2019 launch. Along with his interim duties, he teaches the general chemistry labs He also serves as secretary for Academic Governance and is active in professional service to the American Chemical Society (ACS).



Ashley Gouger, Instructional Designer with the Teaching and Learning Center. In her role, Ashley uses her expertise in pedagogy to help faculty design effective learning experiences. She earned an M.Ed. in Instructional Technology from East Stroudsburg University, as well as an M.S. in Instruction Design, Development, and Evaluation from Syracuse University.



Dan Collins, Interim Associate Director for ESF in the High School, and a PhD Candidate in Environmental Science. He is researching the 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, where he researched nanoparticle toxicity to soil microbes, and has an MPS from ESF in Plant Science & Biotechnology. At ESF, he was a TA for 4 years for Diversity of Life, and spent 6 years as the Graduate Assistant for the ESF Open Academy. He has a passion for teaching and education at all age levels, and hopes to teach at the collegiate level after he graduates.



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 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. She also worked for SUNY Upstate Medical University.



Maura H. Stefl, Program Manager for ESF in the High School, ESF Open Academy. She has an MS in Higher Education and Student Affairs from Indiana University, Bloomington, IN, and a BS in Park and Recreation from Penn State. In her term here at ESF Maura has been involved in professional education programming, workforce development programs, K-12 STEM outreach, and teacher professional development training. She supervises the Federal Work-Study program for community outreach at ESF. She is also an adjunct instructor at ESF and teaches an Outreach Seminar.

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