

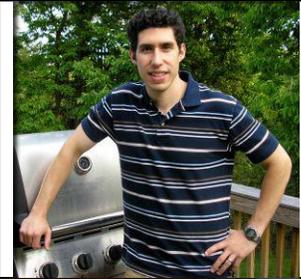
2016 – 2017 eCybermission Team Advisors

 A portrait of Daniel Collins, a man with a beard and glasses, wearing a blue polo shirt with 'ESF' on it and a black baseball cap with 'ESF' on it. He is smiling and looking at the camera.	<p>Daniel Collins, is a PhD student in the Environmental and Forest Biology Department 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 the ESF Outreach Graduate Assistant. He believes that engaging students in primary school with those working on the undergraduate or graduate degrees enriches the lives and education of both sets of students. Daniel has a long-standing interest in education at all grade levels, and hopes to become a college professor after he graduates. His unique role as both a Team Advisor and the Outreach Graduate Assistant means that he is a “de facto” Team Advisor Captain, who coordinates the efforts of the Team Advisors, the teacher, and the support from the College.</p>
 A portrait of Yasaman Yasi Hassanzadeh, a woman with long dark hair and glasses, wearing a grey top. She is smiling and looking at the camera.	<p>Yasaman “Yasi” Hassanzadeh, attended Vassar College as an undergraduate, where she earned a BA in Biology with a minor in Mathematics. As a graduate student at SUNY-ESF, she is working towards an MS in Environmental Science, with a focus on wetland and water resource management. Her research is on developing models to better understand riparian zones and their role in denitrification and managing water quality. Yasi got involved with the eCybermission project because she believes that every student should have a chance at a quality STEM education. Originally, she is from Rosendale, NY, which she describes as “a small hippie town in the Mid-Hudson Valley, which no one has ever heard of.”</p>
 A portrait of Caitlin Slife, a woman with curly brown hair and glasses, wearing a black top over a white collared shirt. She is smiling and looking at the camera.	<p>Caitlin Slife, graduated from St. Mary’s College of Maryland, the public honors college, in 2014 with a Bachelor’s in Biology, focused on aquatic and estuarine ecology. Currently, she is a second semester Master’s student in the Environmental and Forest Biology department here at SUNY-ESF. Her research is focused on the movement of persistent organic pollutants in glacial relict ecosystems and how that movement is affected by lower trophic level organisms. She has a strong interest in promoting girls in STEM fields, which brought her onto the eCybermission project. Caitlin hopes to keep girls involved through middle and high school so they can contribute their unique views to growing and diversifying STEM fields.</p>
 A portrait of Tyler Shields, a man with short brown hair, wearing a grey jacket over a light-colored shirt. He is smiling and looking at the camera.	<p>Tyler Shields, is from St. Mary’s, PA, a small town located in north central Pennsylvania. He earned his Bachelor’s degree in Earth and Environmental Science at Susquehanna University, where he researched subsurface groundwater flow and water quality of the Susquehanna River. Here at SUNY-ESF he is pursuing a Master’s degree in Chemistry and has served as a graduate assistant for several chemistry courses. His thesis research project is completing a lipid biomarker analysis of freshwater microbialites in Green Lakes, Fayetteville, NY. Growing up in and around the environment, he has always had a deeply rooted interest in science and the environment. He believes that young students benefit from a role model in the sciences to keep them motivated and interested in the important STEM fields. He hopes that through guiding local middle school students through the eCybermission program, that he can be that mentor and motivate students to pursue an education in a STEM field.</p>

Syracuse City School District Partners

	<p>Jaime Alicea, is the Interim Superintendent for the Syracuse City School District, having worked his way up from a teaching assistant to Chief Operations Officer over the course of his career, beginning in 1983. As Chief Operations Office, Mr. Alicea was accountable for the supervision of the SCSD's personnel, transportation, health services, food services, security, staff relations, risk management, and facilities and operations department. He currently serves on the Gifford Foundation Board of Directors and the Hope for Education Subcommittee, and has been recognized by Syracuse University with the Chancellor's Citation for Public Education as an advocate and leader.</p>
	<p>Dana Corcoran, is the Supervisor of Science and Technology in the Syracuse City School District, where she supervises roughly 200 teachers in 33 schools at the K-12 level. Originally from Utica, NY, she holds a BS in Biology from Utica College of Syracuse University, an MST in Science Teaching from LeMoyne College, and a Ph.D. in Science Education from Syracuse University. During her doctoral work, Dana received a GK-12 fellowship which gave her the opportunity to work with teachers in the Syracuse City School District science departments. The fellowship lasted 5 years, and during that time she also earned her CAS (Educational Administration Degree) from Syracuse University. For 8 years, Dana was the Science Coordinator at the OCM BOCES Science Center in Syracuse, and has been an adjunct instructor at LeMoyne College in their graduate education department as an instructor of a K-4 Science Methods course. Her instructional interests are around elementary teachers of science and their content/pedagogy struggles.</p>
	<p>Kevin Burns, is the Principal of Expeditionary Learning Middle School, and has been working in the Syracuse City School District since 1999 after moving here from Buffalo, NY. After earning a BS in Communication and Media Studies at SUNY Brockport, he obtained a MS in Special Education and Teaching from D'Youville College, followed by a Certificate of Advanced Study (CAS) in School Administration from SUNY Cortland.</p>
	<p>Jason Toner, is a middle school science teacher at Syracuse's Expeditionary Learning Middle School, and an ESF alum, having earned his Master's degree here in 2006. Growing up in Salamanca, NY along the Allegheny River, Mr. Toner went on to earn a Bachelor's in Natural Resources from Cornell University, and a Master of Science for Teachers from LeMoyne College. In addition to teaching at the middle school since 2010, Mr. Toner continues to spend summers working in Ithaca conducting aquatic plant surveys in order to continue being a part of scientific discovery.</p>

SUNY-ESF Faculty Partners

 A portrait of Dr. Neal Abrams, a man with dark hair wearing a blue and white striped polo shirt, standing outdoors with his hands on a metal railing.	<p>Dr. Neal Abrams, is an Associate Professor in the Chemistry Department here at SUNY-ESF. He earned his Ph.D. in Chemistry in 2005 from The Pennsylvania State University. Dr. Abrams' research interests lie in the area of materials and inorganic chemistry, encompassing areas of alternative energies, such as energy storage, photovoltaics, and fuel cells. On the education side, Dr. Abrams has a long history of teaching and education, and various forms of community outreach. In his General Chemistry labs, he develops interactive, guided inquiry experiments that help develop critical thinking and organizational skills.</p>
 A portrait of Dr. Marie-Odile Fortier, a woman with dark hair wearing a blue patterned shirt, smiling in an indoor setting.	<p>Dr. Marie-Odile Fortier, is an Assistant Professor in the Department of Forest and Natural Resources Management here at SUNY-ESF. She graduated from the University of Kansas with a Ph.D. in Environmental Engineering in 2015. Her research interests include modeling energy systems, climate intervention strategies, deployment of sustainable technologies, algal biofuels, and methodology development for life cycle assessment of energy resources. While working on her Ph.D., she also served as a research mentor for 2 years through the Haskell Environmental Research Studies (HERS) Climate Change Summer Institute, where she mentored undergraduate researchers to develop and perform research projects related to indigenous studies and climate change.</p>
 A portrait of Dr. Tristan Brown, a man with short brown hair wearing a light blue polo shirt, standing outdoors with autumn foliage in the background.	<p>Dr. Tristan Brown, is an Assistant Professor in the Department of Forest and Natural Resources Management here at SUNY-ESF. After earning his B.A. in Political Science from the University of Iowa in 2005, he went on to the University of Missouri to earn a JD in 2008. He proceeded to Iowa State University where he earned a Ph.D. in Biorenewable Resources and Technology. This culmination of education influenced his research interest in sustainable energy law and policy, techno-economic analysis, and climate policy. He brings that expertise to the broader range of students through teaching courses on Sustainable Energy Policy, Intro to Sustainable Energy Resources, and as a co-lecturer for a Renewable Energy course on campus.</p>

SUNY-ESF Outreach Staff



Brandon Murphy, is the Outreach office's Technology/Project Coordinator. After obtaining his Bachelor of Science in Biology from SUNY Cortland in 2004, he became the Outreach graduate assistant in 2008. He was hired on as professional staff in 2010 in order to help with ESF in the High School, ESF SCIENCE, and the Environmental Challenge. He was later asked to coordinate the STEM Mentoring program, funded through an NSF grant, which had graduate students running afterschool STEM programs for elementary students. Currently, he is working on the ESF Open Academy, which seeks to bring ESF online and offer courses in a virtual classroom to reach a wider audience of students and life-long learners.



Katherina Searing, is the Associate Director for Professional Education and Non-credit Programs in the Outreach office of SUNY-ESF. She graduated from Binghamton University with a Master's in Biological Sciences in 2005. Beginning at ESF in 2005, Katherina has long been involved in various educational programs, such as the NSF GK-12 Project and being a teaching assistant for courses in the department of Environmental and Forest Biology, before becoming Associate Director in 2012. In her current position, she coordinates efforts to support conferences and symposia, and similar professional ongoing programs.



Chuck Spuches, is Assistant to the President for Outreach at ESF. He is also an adjunct associate professor at Syracuse University in Instructional Design, Development and Evaluation. He teaches the Seminar on College Teaching at ESF. At SU, he teaches classroom and online courses in educational project management and leadership change, and serves on doctoral dissertation committees on higher education, online learning and adult education.