

SAMPLE OUTREACH PROGRAMS

Compiled by the College of Engineering - James McCormick Family Teaching Excellence Institute ©

Program Name	Program Description	Contact Person	Contact email	Department/Affiliation
CCMR (Cornell Center for Materials Research)	The Cornell Center for Materials Research (CCMR) supports interdisciplinary materials research and development at Cornell. Provides many educational resources, in addition to offering a wide array of hands-on programs for our local community, the greater New York community, and students and teachers across the nation and in Puerto Rico.	Nev Singhota	nks5@cornell.edu	NSF MRSEC
CIBT (Cornell Institute for Biology Teachers)	The Cornell Institute for Biology Teachers supports high school biology teachers with workshops, hands-on field tested lab activities and access to expensive molecular biology equipment and models.	Laurel Southard	les3@cornell.edu	CALS
Xraise Cornell	The outreach program for the Cornell Laboratory for Accelerator-based Sciences and Education (CLASSE). Provides K-12 science engaging programs through local and national outreach. Also houses a physics lending library of lab investigations and equipment.	Lora Hine	lkh24@cornell.edu	NSF
Upward Bound	Upward Bound is a free college preparatory program for qualifying students. Upward Bound serves high school students from low-income families and high school students from families in which neither parent holds a bachelor's degree.	Jen Rudolph	jjlr343@cornell.edu	Cornell Public Service Center
GRASSHOPR Cornell (Graduate Student School Outreach Program)	The Graduate Student School Outreach Program (GRASSHOPR) pairs Cornell graduate students with teachers in Tompkins county and Geneva to teach 3- to 5-session mini-courses on topics related to the graduate student's field or interests.	Ryan Post	rjp278@cornell.edu	Cornell Public Service Center
BTI Outreach (Boyce Thompson Institute)	BTI Education and Outreach aims to link students, teachers and scientists in learning and teaching through inquiry and discovery in plant biology. We provide academic and career development opportunities to young people, teachers and mentors.	Delanie Sickler	dbs266@cornell.edu	Cornell University
Lab of O Outreach (Ornithology)	The Cornell Lab of Ornithology is a world leader in the study, appreciation, and conservation of birds. Our hallmarks are scientific excellence and technological innovation to advance the understanding of nature and to engage people of all ages in learning about birds and protecting the planet.	Jennifer Fee	jms327@cornell.edu	CALS- Laboratory of Ornithology
PRI (Paleontological Research Institution)	PRI provides education programs for school groups and the public, teacher professional development workshops, and intern and volunteer experiences at the Museum of the Earth and the Cayuga Nature Center. We focus on Earth systems science, climate change, evolution, and	Ingrid Zabel	ihz2@cornell.edu	Cornell University
Ithaca Physics Bus	Mobile exhibition of upcycled appliances--reimagined by kids--that showcase unfamiliar physics phenomena. The mission of the physics bus is to awaken interest and creativity in physics for all ages and walks of life -- especially those underserved by science enrichment.	Kristen Brennan	ithaca.physicsbus@gmail.com	501c3

Mathematics Outreach	Our program has been engaged in outreach and building solid partnerships with local teachers and schools. Outreach activities fall into three broad categories: Teacher Development, Opportunities for Grades K-12 Students, and Promoting Mathematics Awareness.	Mary Ann Huntley	mh688@cornell.edu	CAS- Mathematics
Big Red Buddies	A Big Red Buddy is a Cornell University student who serves as a mentor to the children and a helper to the teacher.	Chelsea Benson, PreK-12 Program	pscprek12@cornell.edu	
YOURS (Youth Outreach Undergraduates Reshaping Success)	YOURS strives to provide opportunities for youth aged 7 to 17 living in or near mobile home parks in Freeville, NY to develop a positive self-image and future goals.	Erika Mills Richard Zhu	em584@cornell.edu rz84@cornell.edu	
Encourage Young Engineers & Scientists (EYES)	EYES is dedicated to promoting scientific literacy and advancing engineering and the sciences as potential career choices. Volunteers regularly travel to schools in the Ithaca area to enrich students' learning with engaging and educational science activities.	Elbert Mets	ejm245@cornell.edu	
AguaClara Cornell	AguaClara Cornell is a multi-disciplinary program at Cornell University that designs sustainable water treatment systems. Our gravity-powered, electricity-free technology is scalable to fit the needs of any community and currently provides clean water to over 70,000 people.	Monroe Weber-Shirk	mw24@cornell.edu	
ProDairy – Dairy Environmental Systems Program	The PRO-DAIRY dairy environmental systems program is responsible for identifying, developing, documenting, and introducing innovative methods in dairy housing that will enhance animal performance, well-being, efficiency, environmental compliance, and overall farm profitability.	Curt Gooch	cag26@cornell.edu	CALS - Animal Science
Cornell Local Roads	The Cornell Local Roads Program LTAP Center provides training, technical assistance, and information to municipal officials and employees responsible for the maintenance, construction, and management of local highways and bridges in New York State.	David Orr	dpo3@cornell.edu	CALS Department of Biological and Environmental
Diversity Programs in Engineering (DPE)	Operates programs at the high school, undergraduate, graduate, and faculty levels to facilitate the outreach, recruitment, retention, and overall success of underrepresented minorities, women, and other underrepresented groups in engineering.	Jami Joyner	jami.joyner@cornell.edu	
4-H	4-H helps kids to do better in school, learn to help others, and feel more capable and responsible. 4-H Clubs, camps, after-school programs, and trips help youth reach their fullest potential. 4-Hers do projects in agriculture, civic engagement, health living, and science, technology, engineering, and mathematics. Members have opportunities to connect	Alexa Maille	ask37@cornell.edu	Bronfenbrenner Center for Translational Research (CHE)