

## Broader Impacts Group: Opportunities

### The Versatile PhD

June 17-21, 2013, [Versatile PhD website](#)

Global Education & Career Development (GECD) is pleased to announce MIT's subscription to The Versatile PhD, a web-based resource for PhDs considering careers beyond academia. MIT's subscription, generously supported by the Office of the Dean for Graduate Education, can be accessed by students and alumni via GECD's webpage and student CareerBridge accounts. Once students register, they can simply log in to the site directly ([www.versatilephd.com](http://www.versatilephd.com))



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(<http://versatilephd.com/>)

"Careers in Science Writing and Communication" will be discussed on the Versatile PhD website in the SEM forum June 17-21. This is an online panel discussion featuring STEM PhDs currently working as science writers, editors, or communicators in a variety of settings. June 17-21 on Versatile PhD website (all week). [www.versatilephd.com](http://www.versatilephd.com)

### MIT newspaper "The Tech" writing opportunity

#### Ongoing

Emily Moberg, a second-year Joint Program (MIT/WHOI) student in Biological Oceanography, has started a collaboration between the Tech, MIT's oldest and largest newspaper, and the Broader Impacts Group. Please [email Emily](#) if you would like to have the Tech feature pieces and anecdotes about your research in the Campus Life section. Publications will be in every Tuesday issue.



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### Policy Fellowships For Scientists & Engineers

[AAAS Science & Technology Policy Fellowships](#)

[National Academies Christine Mirzayan Science & Technology Policy Graduate Fellowship Program](#)[National Academies Jefferson Science Fellowships](#)

[Presidential Management Fellows Program](#)

[The Royal Society \(U.K.\) MP-Scientist Pairing Scheme](#)

[The Robert Wood Johnson Health Policy Fellowships Program](#)

[American Chemical Society](#)

[Hellman Fellowship](#)

[American Psychological Association](#)

[American Physical Society](#)

[Belfer Center, Kennedy School of Government](#)

[American Institute of Biological Sciences](#)

[American Astronomical Society – John Bahcall Public Policy Fellowship](#)

[American Society for Microbiology](#)

[National Human Genome Research Institute](#)

[Health and Aging Policy Fellowship](#)

[Society for Research in Child Development Policy Fellowship](#)

[Department of Commerce – Commerce Science and Technology Fellowship](#)

[ASPH/EPA Environmental Health Fellowship Program](#)

[American Institute of Physics and Member Society Government Science Fellowships](#)

[Harvard University – Science, Technology, and Public Policy Fellowships](#)

[American Society for Biochemistry and Molecular Biology](#)

[American Geophysical Union – Congressional Science Fellowship](#)

[American Society of Human Genetics](#)

[California Science and Technology Policy Fellowships](#)

[John A. Knauss Sea Grant Fellowship](#) (Sheril did this one!)

[American Chemical Society San Diego Section – Public Policy Fellowship](#)

[Optical Society of America – Congressional Fellows Program](#)

[Social Science Research Council – Abe Fellowship Program](#)

[Robert Wood Johnson Health Policy Fellows Program](#)

[David A. Winston Health Policy Fellowship – Association of University Programs in Health Administration](#)

[National Center for Health Statistics – Health Policy Fellowship Program](#)

[Packer Policy Fellowships – Australian-American Health Policy Fellowships Program](#)

[The ASPH/CDC Allan Rosenfield Global Health Fellowship Program](#)

[The Walter H. Shorenstein Asia-Pacific Research Center Postdoctoral Fellowship in Comparative Health Policy](#)

[Geological Society of America Congressional Science Fellowship](#)

[Research!America](#)

[American Society for Biochemistry and Molecular Biology](#)  
[NASA Congressional Fellowship](#)  
[Morris Udall Foundation](#)  
[Academy of Medical Sciences/Wellcome Trust](#)  
[Aldo Leopold Leadership Program](#)  
[Harkness Fellowship](#)

## MIT + K12 Video project

Initiated in December, 2011 by Ian Waitz, MIT's Dean of Engineering, the MIT +K12 project seeks to change the perception of engineers and scientists in society and improve STEM education at the K12 level by providing MIT as an accessible "experiential partner" for K12 educators.

MIT students generate short-form (5 minute) videos to complement the work those educators are already doing in their classrooms and homes. Educators and others can access these videos and submit additional requests for specific lessons or topics at <http://k12videos.mit.edu/>.



## Zephyr Education Foundation

Zephyr Education Foundation is a non-profit ocean science and technology education program based in Woods Hole. We host school field trips in Woods Hole in which we introduce students to the excitement of what happens at WHOI. We go out on a 2 hour scientific 'cruise' where students participate in deploying a towed underwater video camera sled (with a live feed on deck), a scallop dredge, and plankton nets. We discuss habitats, the role of marine specimens in research, career paths, and other broader environmental issues. We deploy and recover a subsurface mooring with an acoustic release and data logger. We also tour through our wet-lab in Redfield and the WHOI dock. It's a great platform to discuss your research interests with eager middle and high school kids.

There are rewarding opportunities to assist us both on board and leading tours of WHOI in the village. Please see us at [www.zephyrmarine.net](http://www.zephyrmarine.net) or email [rreynolds@zephyrmarine.net](mailto:rreynolds@zephyrmarine.net)



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## COMPASS

COMPASS is a team of science-based communication professionals. They share a foundation of scientific training, but also have a diverse collective background in ocean science, policymaking, science journalism, and natural resource management. This enables them to work at the intersection of science, policy, and communications. With PhD scientists, former Capitol Hill staffers and award-winning science journalists on our team, they bring the knowledge, experience, and relationships needed to help scientists share their information with society. Leading academic scientists lend their advice and expertise to guide our efforts. While COMPASS advocates for the communication of science, we do not advocate for specific policies or practices. Learn more about the COMPASS team [here](#).



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## Science and Technology Partnership

[Woods Hole Science and Technology Education Partnership \(WHSTEP\)](#) is a partnership of all of the Woods Hole science institutions (WHOI, MBL, WHRC, NOAA/NMFS, USGS, SEA, WBNERR) and the schools in Falmouth, Mashpee, and Bourne. We have a liaison at each school and institution, and active email lists/newsletter for notification of events and opportunities. We offer teacher workshops, behind-the-scenes lab tours, family science outings, annual and general meetings with speaker opportunities, science fair support, mini-grants for teachers with the opportunity to collaborate with researchers, and placement for classroom presentations. If JP students are interested in interacting with the local schools, WHSTEP is a good place to start because of established relationships with teachers, department heads and administrators. For more information, please contact [Kama Thieler](#).

## Broader Impacts for K-12

### Broader Impacts assistance related to K-12 education Academic Programs Office/COSEE-NOW

The WHOI Academic Programs Office and Centers for Ocean Science and Education Excellence have [teamed up](#) to provide guidance for developing strong education activities and making connections with educators. Our best contacts are through the local school districts and through regional marine education and outreach organizations. We can also assist making connections with scientists who have on-going broader impacts projects in regional schools. Our role is facilitative, providing consultation before NSF proposal submission, but not writing proposal text nor implementing the project after the proposal is funded. Contact: Yoder and Thieler

## Big Brothers & Big Sisters

Big Brothers Big Sisters of Cape Cod & the Islands needs caring adult volunteers of all ages! There are children currently waiting to be matched with "Bigs" throughout Cape Cod and the Islands. Spend just a few hours a couple of times each month and help a child living on Cape Cod & the Islands and change their lives for the better, forever.

Please call 508-771-5150, visit [www.bbbsmb.org](http://www.bbbsmb.org) or stop in at our office at 1934 Falmouth Road in Centerville to learn more.

### Related Files

» [Join Big Brothers & Big Sisters!](#)

## Center for Microbial Oceanography: Research and Education (C-MORE)

[C-MORE](#) (an NSF Science and Technology Center) is comprised of 6 partner institutions, including Woods Hole and MIT. C-MORE's research mission focuses on microbial oceanography, but its education mission is much broader. C-MORE science kits are hands-on "labs in a box" on various topics in oceanography. Anyone can borrow these kits free of charge. [Click here](#) to request a kit, or to view the materials online.



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## Center for Ocean Sciences Education Excellence (COSEE)

Each [COSEE](#) Center is a consortium of ocean science research institutions, informal science education organizations, and formal education entities. COSEE consists of several centers around the country, including [New England](#).



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## Massachusetts Marine Educators

[Massachusetts Marine Educators \(MME\)](#) is a dynamic, grass roots organization of teachers, informal educators, students, educational institutions, and others. Our goal is to develop a marine literate society and promote awareness of the ocean world by integrating marine studies into existing curricula... read more at <http://www.massmarineeducators.org/index.php>



## Public Communication for Researchers (PCR)

[PCR](#) is a professional development program to teach communication skills to graduate students in fields of research and is very similar to BIG! PCR was founded by three Ph.D. students at Carnegie Mellon in response to seeing science misunderstood and discredited in the media. The goal of PCR is to help you learn and practice communicating science to people of any background. The curriculum consists of a series of workshops and seminars that start with core principles of effective communication. The seminars then move on to applying these principles to several contexts, such as giving an interview, entertaining young audiences, and persuading policy makers.



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