

OUTREACH SUPPORT FOR SCIENTISTS

The mission of IDPO's Education Program is to enable effective educational outreach to teachers, students and the public on behalf of, and in collaboration with the ice drilling and coring community.

Activities support two primary goals:

- Providing materials and services for educational audiences
- Building a collaborative infrastructure to leverage research outcomes and outreach activities from individually funded ice core projects

How IDPO Can Support You

- Partnering for "Broader Impacts" on NSF Proposals
(Note: you must contact IDPO via an email to Louise.T.Huffman@Dartmouth.edu six weeks before you submit your proposal.)
- Featuring You/Your Science at Education Conferences
See Past IDPO Outreach Participants, below)
- Tailoring Presentations for Education Audiences
See [Example Template](#) for Videoconferences (see below)
- Scheduling Classroom Visits: Pre-planning with Teacher and Scientist; Lesson Design
- Conducting Local Workshops, with Travel Support by Your Project
- Translating Your Research for Public Audiences
See Example at:
<http://www.climate-expeditions.org/public/monsoons-plants-climate.html>

Collaboration Opportunities

- Create and/or share existing video clips, simulations or photos from your university or lab
(Example: <http://streaming.ems.psu.edu/geosc10/Antarctica1.mov>)
- Provide local museum and/or state/national contacts and event opportunities
- Forward articles which have been published for public audiences (*Science*, newspapers, etc.) for dissemination
(Examples: <http://www.climate-expeditions.org/public/links.html#news>)
- Submit a career story (Examples: <http://www.climate-expeditions.org/students/careers.html>)
- Share your outreach data (see Outreach Metrics sheet below)
- Volunteer to do a conference presentation, videoconference or classroom visit.
See Checking Out Your Team Activity (COYT):
http://www.climate-expeditions.org/educators/COYT_Teacher_Information.pdf (teacher page)
http://www.climate-expeditions.org/students/checking_out_your_team.html (student page)
http://www.icedrill.org/docs/COYT_Presentation_Template_9-12.pptx (COYT Presentation Template, for personalization)



Multiple IDPO Sponsored Events Featured Jim White at IPY 2012

Past IDPO Outreach Participants

Jim White	Spruce Schoenemann
Ed Brook	Bradley Markle
Jeff Severinghaus	Kaitlin Keegan
Joe McConnell	Alden Adolph
Richard Alley	Gifford Wong
Gary Clow	Lou Albershardt
Julie Palais	Tanner Kuhl
Murat Aydin	Atsu Muto
Jay Johnson	Mary Albert (back-up for conflicts)
Zoe Courville	



Spruce doing videoconference for Checking Out Your Team with 2012 AP Environmental Studies high school class

JOIN THE LIST!

Email Louise Huffman at Louise.T.Huffman@Dartmouth.edu to become involved.

ADDITIONAL RESOURCES

Classroom Visits:

For those of you who would like in-depth information about current educational standards and pedagogy (the art of teaching), the following two web resources offer valuable background information, checklists and how-to's related primarily to classroom visits:

- National Earth Science Teachers Association: Scientists in Schools:
http://www.windows2universe.org/teacher_resources/sci_schools/ss1.html
- AGI/AAPG: Visiting Geoscientists: An Outreach Guide for Geoscience Professionals
<http://www.agiweb.org/education/aapg/>

Policy Discussions:

AGU offers training and opportunities for you to contribute to outreach at the national level on congressional visits days or as a resource for reporters needing science support:

http://www.agu.org/sci_pol/

Communicating Science:

AAAS's Center for Public Engagement with Science and Technology offers workshops, resources and how-to tips for communicating science to the public:

<http://communicatingscience.aaas.org/Pages/newmain.aspx>

