

Improving Your Broader Impacts Workshop Tuesday June 14, 2011
Hosted by COSEE Ocean Learning Communities and Washington Sea Grant
Session Schedule

Time Room	10:00- 10:40	10:50-11:30	11:40-12:30	12:30-1:20	1:20-2:00	2:10-2:50	3:00-3:40	3:50-4:30	4:30 – 6:00
102	Presentation: Using Visual Data from Research for Broader Impacts		Plenary Panel: How to Communicate with Decision Makers Room 102	Lunch on Your Own			Expert Panel: Addressing Diversity in Broader Impacts in Meaningful Ways		Think, Clink, Drink: Meet w/Outreach Organizations and Network w/ Colleagues (snacks and & beverages provided) Fishery Sciences Lobby
107	Presentation: Using Social Media Tools for Broader Impacts	Expert Panel: How Northwest COSEEs & Sea Grants Can Help with Your Broader Impacts	Panelists: Penny Dalton, Director WSG; Margaret Shepherd UW Director of State Relations & External Affairs; Michael Orbach, Duke University		Expert Panel Using the New Media to Spread the Word about Science	Presentation: How to Leverage What You & Your Lab Already Do for Broader Impacts	Expert Panel: Plug-in Opportunities With Outreach Organizations	3:50 -4:05 Presentation: Combining Outreach & Sampling 4:15-4:30 Presentation: How NANOOS can Help You	
108	Expert Panel: How to Communicate with Lay Audiences	Expert Panel: Building Relationships with Informal Institutions	Practice of Marine Affairs and Policy; Heather Galindo, Assistant Director of Science COMPASS		1:45- 2:00 Presentation: Connecting Science with K-12 Audiences	Presentation: Hands on Examples of Plans & Activities for K-16 Audiences	Workshop: Concept Mapping as a Tool for Broader Impacts		
109		10:50-11:05 Presentation: New K-12 Standards 11:15 – 11:30 Presentation: Consensus Studies: Help to Back Up Your Proposals			Graduate Student Lunch: Ways to engage in Education & Outreach	1:20-1:35 Presentation: Graduate Student Opportunities 1:45-2:00 Presentation: Graduate Communicating Science Courses	Presentation: How Evaluation Can Help You	Expert Panel: Citizen Science for Scientific Gain and Outreach	

Improving Your Broader Impacts Requirements Workshop June 14, 2011
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Session Presenters

Session 1	Session 2	Session 3
<p>Using Visual Data from Research for Broader Impacts 10:00 – 11:40am Shawn Rowe: Co-PI COSEE Pacific Partnership, Oregon Sea Grant, Hatfield Marine Science Center, Oregon State University <i>shawn.rowe@oregonstate.edu</i></p>	<p>How Northwest COSEE & Sea Grant Programs Can Help With Broader Impacts 10:50-11:30am Tansy Clay: COSEE Ocean Learning Communities Education and Outreach Specialist, UW School of Oceanography <i>tansy@u.washington.edu</i> Jan Hodder: Co-PI COSEE Pacific Partnerships, Oregon Institute of Marine Biology, University of Oregon <i>jhodder@uoregon.edu</i> Marilyn Sigman: Manager COSEE Alaska, University of Alaska, Alaska Sea Grant <i>msigman@alaska.edu</i> Shawn Rowe: Co-PI COSEE Pacific Partnerships, Oregon Sea Grant, Hatfield Marine Science Center, Oregon State University <i>shawn.rowe@oregonstate.edu</i> Raechel Waters: Associate Director, Washington Sea Grant <i>rlwaters@u.washington.edu</i></p>	<p>Plenary - How to Communicate with Decision Makers 11:40am-12:30pm Penny Dalton: Director Washington Sea Grant, UW School of Marine and Environmental Affairs <i>pdalton@u.washington.edu</i> Michael K. Orbach: Marine Science & Conservation Environmental Sciences & Policy, Duke University <i>mko@duke.edu</i> Margaret A Shepherd: UW Director of State Relations and External Affairs <i>mshep@uw.edu</i> Heather Galindo: Assistant Director of Science, Communication Partnership for Science and the Sea (COMPASS) <i>hgalindo@compassonline.org</i></p>
<p>Using Social Media Tools for Broader Impacts 10:00 – 11:40am Janice McDonnell: PI COSEE Networked Ocean World, Rutgers University. <i>mcdonnel@marine.rutgers.edu</i> Sage Lichtenwalner: COSEE NOW <i>sage@marine.rutgers.edu</i></p>	<p>Building Relationships with Informal Institutions 10:50-11:30am Kathy Sider: Co-PI COSEE Ocean Learning Communities, Director of Education and Interpretation Seattle Aquarium <i>k.sider@seattleaquarium.org</i> Janice Mathisen: COSEE OLC, Outreach Coordinator Seattle Aquarium, <i>j.mathisen@seattleaquarium.org</i> Diane Quinn: Director of Education, Burke Museum <i>aliceo@uw.edu</i> Dana Vukajlovich: Supervisor, Portal to the Public, Pacific Science Center <i>dvukajlovich@pacsci.org</i></p>	
<p>How to Communicate Your Science to Lay Audiences 10:00 – 11:40am Eric Baer: Geology Program, Highline Community College <i>EBAER@highline.edu</i> Kaddee Lawrence: Biology, Highline Community College, Executive Director of MaST <i>KLAWRENC@highline.edu</i> Heather Galindo: Assistant Director of Science, Communication Partnership for Science and the SEA (COMPASS) <i>hgalindo@compassonline.org</i></p>	<p>New Generation of K-12 Standards 10:50-11:05am Philip Bell: Co-PI COSEE Ocean Learning Communities, UW College of Education, Director UW Institute for Science and Math Education <i>pbell@u.washington.edu</i></p> <p>Consensus Studies: Ways to Access the Literature to Back Up Your Proposals 11:15-11:30am Andrew Shouse: Associate Director of UW Institute for Science and Math Education, UW College of Education <i>awshouse@u.washington.edu</i></p>	

Session 4	Session 5	Session 6
<p>Using the New Media to Spread the Word about Science 1:20-2:00pm David Gordon: Science Writer, Washington Sea Grant davidg@u.washington.edu Dave Sharp: President, Sharp Consulting Group LLC dave@sharpconsults.com Alex Berezow,: Editor, RealClearScience.com alexbb@u.washington.edu Alan Boyle: Science Editor, MSNBC Alan.Boyle@msnbc.com Elise Daniel: UW Marketing eperdan@u.washington.edu</p>	<p>How to Leverage What You and Your Lab Already Do for Broader Impacts 2:10-2:50pm Rick Keil: Co-PI COSEE Ocean Learning Communities, Professor, UW School of Oceanography rickkeil@u.washington.edu</p>	<p>Addressing Diversity in Broader Impacts in Meaningful Ways: A Starter Kit 3:00-3:40pm Amanda Bruner: SoundCitizen ambruner@u.washington.edu Philip Bell: Co-PI COSEE Ocean Learning Communities, UW College of Education, Director UW Institute for Science and Math Education pbell@u.washington.edu Lucy Casale: UW Mathematics, Science and Engineering Achievement (MESA), University of Washington Katrina Claw: Society for the Advancement of Chicanos and Native Americans in Science (SACNAS) UW Chapter</p>
<p>Connecting Science with K-12 Audiences 1:45-2:00pm Carrie Tzou: Co-PI COSEE Ocean Learning Communities, UW Bothell Department of Education tzouct@u.washington.edu Blakely Tsurusaki: Research Scientist COSEE OLC, UW College of Education btsuru@u.washington.edu</p>	<p>Hands on Examples of How Science is Translated in Lesson Plans and Activities for K-16 2:10-2:50pm Carrie Tzou: Co-PI COSEE Ocean Learning Communities, UW Bothell Department of Education tzouct@u.washington.edu Blakely Tsurusaki: Research Scientist COSEE OLC, UW College of Education btsuru@u.washington.edu Tansy Clay: Education and Outreach Specialist COSEE Ocean Learning Communities, UW School of Oceanography tansy@u.washington.edu Siri Nelson: UW OACIS GK-12 Fellow sirin@u.washington.edu And Other OACIS G-12 Fellows</p>	<p>Plug-in Opportunities with Outreach Organizations 3:00-3:40pm Fritz Stahr: Co-PI COSEE Ocean Learning Communities, Director, Ocean Inquiry Project stahr@oceaninquiry.org Amy Sprenger: Coordinator Ocean Inquiry Project, COSEE Ocean Learning Communities, UW APL/NANOOS asprenger@oceaninquiry.org Peter Granger: Program Leader, Marine Advisory Services, Washington Sea Grant pgranger@u.washington.edu</p>
<p>Graduate Student and Post Doctoral Opportunities 1:20-1:35pm Karen Chan: Ph.D. Student, UW School of Oceanography kychan@uw.edu</p> <p>Graduate Communicating Science Courses 1:45-2:00pm Tansy Clay: Education and Outreach Specialist COSEE Ocean Learning Communities, UW School of Oceanography tansy@u.washington.edu Rachel Waters: Associate Director Washington Sea Grant rlwaters@u.washington.edu</p>	<p>How Evaluation Can Help You 2:10-2:50pm Andrea Anderson: Evaluator COSEE Ocean Learning Communities, SoundView Evaluation andrea@soundviewevaluation.com</p>	<p>Concept Mapping Workshop 3:00-4:30pm Shawn Rowe; Co-PI COSEE Pacific Partnerships, Oregon Sea Grant, Hatfield Marine Science Center, Oregon State University shawn.rowe@oregonstate.edu</p>

Session 7	Workshop Sponsors
<p>Citizen Science for Scientific Gain and Outreach 3:50-4:30pm Kate Litle: Citizen Science Specialist, Washington Sea Grant kalittle@u.washington.edu Julia Parrish: Director COASST, Associate Dean for Academic Affairs and Diversity, UW College of the Environment jparrish@u.washington.edu Robin Kodner; Faculty, Beam Reach Marine Science and Sustainability School robin@beamreach.org Marc Hayes: Senior Research Scientist, Washington Department of Fish and Wildlife marc.hayes@dfw.wa.gov</p>	<p>COSEE-Ocean Learning Communities Washington Sea Grant UW School of Aquatic and Fishery Sciences UW College of the Environment UW School of Oceanography UW College of Education UW Institute for Science and Math Education Seattle Aquarium Ocean Inquiry Project National Science Foundation National Oceanic and Atmospheric Administration</p>
<p>Combining Outreach and Sampling: Opportunities with Boat Based Education Programs in Puget Sound 3:50-4:05pm Fritz Stahr: Co-PI COSEE Ocean Learning Communities, Ocean Inquiry Project Director stahr@oceaninquiry.org Amy Sprenger: Coordinator Ocean Inquiry Project, COSEE Ocean Learning Communities, UW APL/NANOOS asprenger@oceaninquiry.org</p>	
<p>How NANOOS Can Help You: Providing Ocean Observing Data and Information to the General Public 4:15-4:30pm Jan Newton: UW Applied Physics Lab, NANOOS newton@apl.washington.edu Amy Sprenger: Coordinator Ocean Inquiry Project, COSEE Ocean Learning Communities, UW APL/NANOOS Education and Outreach Oasprenger@oceaninquiry.org</p>	