

Transdisciplinary Research on the Changing Arctic and Its Global Impacts: Enhancing Capacity for Convergence Science

The Arnold and Mabel Beckman Center of the National Academies of Sciences and Engineering,
100 Academy Way, Irvine, CA

October 31-November 1, 2019

Workshop Program:

Day 1 – October 31, 2019

8:00	Breakfast
8:30-9:30	Welcome, Introductions, Workshop Objectives <ul style="list-style-type: none"> a. Pramod Khargonekar, Vice Chancellor for Research, UC Irvine b. Bill Maurer, Dean, School of Social Sciences, UC Irvine c. Holly Hapke, Workshop Organizer and Director of Research Development for the Social and Behavioral Sciences, UC Irvine d. Bob O'Connor, Program Director, National Science Foundation
9:30 – 10:30	Opening Keynote: <i>New Science, New Teaching, New Arctic: Building Transdisciplinary Understanding for a Changing North</i> - Philip Steinberg, Durham University
10:30	Break
10:45-12:30	Session 1: Collaborating with Communities for the Co-Production of Knowledge <ul style="list-style-type: none"> a. <i>Indigenous Data Governance for Transdisciplinary Climate Resilience Research</i> - Dominique David-Chavez, Native Nations Institute & Colorado State University b. <i>Understanding the Arctic through a Co-Production of Knowledge Approach</i> - Rachele Aluaq Daniel, Pew Charitable Trusts; Julie Raymond-Yakoubian, Kawerak, Inc.; Nikoosh Carlo, CNC North Consulting
12:30-1:30	Lunch and Networking
1:30-3:15	Session 2: What is Convergence Research? Frameworks for integrative, convergence science. Convergence research on environmental change from a social and behavioral science perspective. <ul style="list-style-type: none"> a. <i>Converging on Convergence</i> – Dan Stokols, UC Irvine b. <i>Convergence Research to Actionable Science at SESYNC</i> - Carrie Hritz, The National Socio-Environmental Synthesis Center (SESYNC), University of Maryland c. <i>Strategies for Advancing Convergence Research in the Behavioral Sciences</i> – Amanda Carrico, University of Colorado, Boulder
3:15	Break
3:45-5:15	Break out session: Brainstorming for Convergence <i>Idea Tree Exercise and Debrief</i> - Dan Stokols, UC Irvine
5:30-7:00	Dinner and Networking
7:00	Return to Hotel

Day 2 – November 1, 2019

8:00	Breakfast
8:30	Re-cap Day 1, Objectives for Day 2
8:40-10:30	Session 3: Rigor, Reliability and Data Integration in Interdisciplinary Method <ul style="list-style-type: none">a. <i>Social Science Research: Design, Methodology, and Rigor</i> – Liesel Ritchie, Oklahoma State Universityb. <i>Data and Cyberinfrastructure for Arctic Research</i> – Colleen Strawhacker, National Science Foundation
10:30	Break
10:45-12:45	Session 4: Epistemological Integration and Communication - Toolbox Dialogue Initiative, Michigan State University <ul style="list-style-type: none">a. Michael O'Rourke, Michigan State Universityb. Stephen Crowley, Boise State Universityc. Graham Hubbs, University of Idaho
12:45-2:00	Lunch and Q&A: NSF's Arctic Research programs – Bob O'Connor and Colleen Strawhacker, National Science Foundation
2:00-2:30	Wrap-up, Debrief and Evaluation
2:30	Depart for Airport or Hotel

This workshop and the University of California, Irvine campus are within the ancestral and unceded shared territories of the Acjachemen and Tongva peoples. The region extends from the Santa Ana River to Aliso Creek and beyond. As members of a land grant institution, we acknowledge the Acjachemen and Tongva peoples as the traditional land caretakers whose efforts to steward and protect the land continue today.