

4th Annual International Science for Team Science Conference - Northwestern University
Proposed Track Sessions
June 24-27, 2013

Date of session	Track Session Theme	Moderator	Time of session	Session Title	Authors/Presenters	Title	Session Schedule Color Key
Tuesday, June 25, 2013	Track 3: Data analytic approaches to understand scientific collaboration	Moderator: Janet Okamoto	10:30 am-12:00 noon	Evaluating Science Teams and Centers: Leveraging social network analysis	David Jones, Thomson Reuters	Evaluating the Impact of Cross-disciplinary Research in the National Cancer Institute Physical Sciences-Oncology Centers Program	Papers
					Magda Gunn, Innovative Medicines Initiative and Joshua Schnell, Thomson Reuters	Bibliometric and Network Indicators of Performance in Cross-Sector Teams	Panels
					Arsev Aydinoglu, NASA	Measuring Interdisciplinary Interaction in Distributed Networks: The Case of the NASA Astrobiology Institute	Lightning Rounds
					Kyungwoo Kim and Eric Welch, University of Illinois at Chicago	Characteristics of Translational Collaboration: Innovation Perspective	Posters
Tuesday, June 25, 2013	Track 1: Conceptual and Theoretical Issues	Moderator: Anne Heberger	10:30 am-12:00 noon	Advancing the SciTS field: Conceptual and evaluative perspectives	Holly Falk-Krzesinski, Elsevier	Evaluating Team Science: Metrics for Collaboration and Interdisciplinary Research	
					William Newell, Miami University	Problem-based Typology of Team Science	
					Barbara Linam-Church and Wayne Lutters, University of Maryland - Baltimore County	Revisiting the Rhetoric of Team Science	
					Kevin Wooten, University of Houston - Clear Lake	Architecture for the Evolution of Translational Team Science: Integrating Components of the Discipline	
Tuesday, June 25, 2013	Track 2: Practical resources and Lessons learned for team-based research	Moderator: Gabrielle Bammer	10:30am-12:00 noon	Panel	Airong Luo, University of Michigan and Nancy L Dianis, Westat	Collaboration between Developed and Developing Countries Offers Opportunities to Amplify Global Health Research	
Tuesday, June 25, 2013	Track 1: Conceptual and Theoretical Issues	Moderator: Julie Klein	1:15-2:45 pm		Thomas Seager and Erik Fisher, Arizona State University, Stephen Crowley, Boise State, and Michael Gorman, University of Virginia	Communities of Integration	
Tuesday, June 25, 2013	Track 2: Practical resources and Lessons learned for team-based research	Moderator: Kevin Crowston	1:15-2:45 pm	Tools, strategies, and metrics: research networking, collaboration and funding	Griffin Weber, Harvard University	Harvard Faculty Finder: Understanding collaboration across a university using research networking tools.	
					Jorge Herskovic and Oliver Bogler, MD Anderson Cancer Center	The Team Score: a network metric for identifying strong collaborators at MD Anderson	
					Holly Falk-Krzesinski, Elsevier	Guidance for Team Science Leaders: Tools You Can Use	
					Derek W. Wade, Kumido Adaptive Strategies	The Generative Dance of Knowledge Integration in Interdisciplinary Research and Product Development Teams	
					Lisa Schoonerman, University of California - San Francisco	Open Proposals: a new model for proposal development and team formation	
					Jeff Horon, Elsevier	Facilitating Better-than-Random Researcher 'Speed Date' Interactions at a Global Cancer Conference	
Tuesday, June 25, 2013	Track 3: Data analytic approaches to understand scientific collaboration	Moderator: Bonnie Spring	1:15-2:45 pm	Insights from the Exceptional: Superstars, Elites, and "hit" Research	Alexander Petersen, IMT Lucca Institute for Advanced Studies	Batman and Robin: understanding the role of tie-strength within superstar careers	
					Caroline Wagner, The Ohio State University	Are Nobel Prize Winners More Likely to Work Collaboratively?	
					Satyam Mukherjee, Northwestern University	Novelty, Convention and Scientific Impact	

Wednesday, June 26, 2013	Track 1: Conceptual and Theoretical Issues	Moderator: Steve Fiore	1:15-2:45 pm	Panel	David Stone, Northern Illinois University, Stephen Crowley, Boise State, and J. Britt Hollbrook, University of North Texas	The Philosophy of the Science of Team Science	
Wednesday, June 26, 2013	Track 3: Data analytic approaches to understand scientific collaboration	Moderator: Scott Leischow	1:15-2:45 pm	Macro perspective in science: Integration, Connectivity, and Conventionality	Orion Penner, IMT Lucca Institute for Advanced Studies Satyam Mukherjee, Northwestern University Staša Milojević, Indiana University - Bloomington Noshir Contractor, Northwestern University Holly J. Falk-Krzesinski, Elsevier, and Michael Conlon, University of Florida	Analysis of R&D networks expose a lack of progress towards an integrated European Research Area. Temporal evolution of conventionality in Science Social Dynamics of Science Identifying Collaborative Relationships and Interconnections Between Research Communities Using LinkedIn Maps	
Wednesday, June 26, 2013	Track 2: Practical resources and Lessons learned for team-based research	Moderator: Leslie DeChurch	1:15-2:45 pm	Lessons learned from the field: Understanding what works (and doesn't work) in team science	Quyen Wickham, University of Oklahoma Mark Thornquist, Fred Hutchinson Cancer Research Center Catherine Freeman, East Main Evaluation and Consulting Amanda Vogel, SAIC-Frederick, Inc. Robert Knecht, Colorado School of Mines Betsy Rolland, Fred Hutchinson Cancer Research Center	The South-Central Climate Sciences Center: Building a cross-institutional, cross-disciplinary, and cross-cultural consortium. Transitioning from Competitor to Collaborator: the View from the Coordinating Center Examining the iPlant Collaborative from a Team Science Perspective Fostering Success in Transdisciplinary Team Science: Lessons Learned from National Cancer Institute Grantees Using Creative and Innovative Projects to Build Team and Team Satisfaction with Performance Toward a Definition of Facilitation: The Role of Coordinating Centers in Collaborative Cancer Epidemiology	
Monday, June 24, 2013			5:00- 6:30 pm	Poster Session	Aron Lindberg, Case Western Reserve University Allan Brasier, The University of Texas Medical Branch Heisawn Jeong, Hallym University Justin Young, Kettering University Monika Herzig, Indiana University Satyam Mukherjee, Northwestern University Brooke Stipelman, National Cancer Institute Dick Co, Solar Fuels Institute Sue Davidson, The Commonwealth Scientific and Industrial Research Organisation (CSIRO) Magda Gunn, Innovative Medicines Initiative	Computational Analysis of Social Structure: Studying Relational and Sequential Structures in Teams Use of the Multidisciplinary Translational Team (MTT) model for training team research competencies Cognition in the Wild: Distributed Science in a Biomedical Laboratory Team Teaching Transdisciplinary Research: A Novel Framework and Case-Study Creative Group Interaction - The Jazz Model Left-handedness and Leadership in Team Interactions A Bibliometric Analysis Assessing the Impact of Participation in a Transdisciplinary Tobacco Research Center on an Investigator's Research Trajectory Solar Fuels Institute (SOFI) – A Global Public-Private Consortium A Guide to Building the Innovation Capability of Science Organizations and their Teams The Innovative Medicines Initiative an example of successful multi-sector collaboration	

Stephen Fiore, University of Central Florida	Learning How To Be A (Team) Scientist
Kevin Wooten, University of Houston Clear Lake	The Use of Multidisciplinary Translational Team Meeting Observation Forms for Process
Momin Malik, Berkman Center for Internet and Society	The role of incumbency in field emergence: The case of Internet studies
Katrina Theisz, Larry Nagahara, and Nicole Moore, National Cancer Institute	Prospective Evaluation of the National Cancer Institute's Physical Sciences-Oncology Centers Program
Kathy Tessendorf and James Young, Northwestern University	Northwestern Scholars: An Evolving Platform for Team Building
Manwai Ku, Stanford University School of Medicine	Recognition for Team Science and Interdisciplinarity in Academia: An Analysis of Promotion and Tenure Policy Language from Clinical Translation Science Award (CTSA) Institutions
Natalie Greco, Washington State University	Team Communication Barriers: The Complexities of Communicating Uncertainty at the Intersection of Science, Policy, and Public(s)
Betsy Rolland, Fred Hutchinson Cancer Research Center	Beyond trust and reliability: reusing data in collaborative cancer epidemiology research
Valerie Holt, Lehigh University	Graduate Education to Facilitate Interdisciplinary Research Collaboration: Identifying Individual Competencies and Developmental Learning Activities
Christine Brown and Jeff Baer, ProQuest	Who needs a water cooler or a foosball table? A case study about one modern, collaborative team utilized web-based tools in their virtual office space while building software for the scholarly community.
Remy Briam, Northwestern University	Analysis of a Team Effort in Coordinating Resources Through a University-Sponsored Crowdfunding Platform
Pamela Shaw, Northwestern University	The Power of the Library in Team Science
Derek W. Wade, Kumido Adaptive Strategies	What Can Science Learn From Software Product Development? Agile/Scrum's Radical Visibility Enables Team Shared Mental Models
Andrew Winter and Justin Starren, Northwestern University	Social Network Analysis of An Enterprise Data Warehouse User Network
Katy Börner and Todd Theriault, Indiana University	Places & Spaces: Mapping Science
Mia Defino, Medical College of Wisconsin	Living translation on a daily basis: Transitioning from the lab to the community
Sawan Khuri, Center for Computational Science, University of Miami	Incorporating the Team Science Framework into Graduate and Undergraduate Education
Charles Mcelroy, Case Western Reserve University	The Interaction of Scientific Colaboratories in the NSF Earth Cube Initiative: A Qualitative Analysis of the Socio-Technical Cyberinfrastructure Matrix

					Emily Nodine, Florida International University, and Kirsten Winters, Oregon State University	The Global Lake Ecological Observatory Network Graduate Student Fellowship Program: developing new strategies for globally-distributed collaboration	
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