



Agricultural Genome to
Phenome Initiative

WORKSHOP

Team Science Training

Funding organizations are calling for large scientific teams to develop solutions to complex global problems. Where do you start? How do you effectively manage the resources, people, and ideas? The goal of this workshop is to provide PIs, co-PIs, and future PIs with the resources they need to improve team interactions to promote knowledge creation. This workshop will be conducted in two parts.

In Part 1, Divergent Science will present foundational concepts, highlight Science of Team Science (SCiTS) literature, and discuss how to put the research into practice. In addition, this training will highlight opportunities to practice diversity, equity and inclusion strategies to create an authentic culture of inclusion that promotes innovation and discovery. Specific areas of focus include: the Team Science Toolbox Dialogue, team roles and responsibilities, and communication between team members.

Part 2 is Knowledge Convergence. How is new knowledge created? How does knowledge convergence happen on scientific teams? Team members have different values, visions, and ideas about the research, and even when teams are from the same discipline, they often use different jargon. This can either lead to chaos or to knowledge convergence. Theoretical background and facilitation basics will be provided to help your interdisciplinary team create new knowledge. Participants will gain a basic understanding of facilitation theory to create new knowledge, ideas about how to practice knowledge convergence on their team, and the role conflict plays.

About the Presenters

Combining the knowledge of a social scientist and the experience of an interdisciplinary laboratory scientist provides the unique combined perspective that allows Divergent Science to provide the most effective approach to enabling high quality team science.



Co-founder **Ellen Fisher** currently serves as the Vice President for Research at the University of New Mexico. She has a Ph.D. in chemistry from University of Utah. She brings hands-on and applied perspectives from more than three decades of work on interdisciplinary science teams.



Co-Founder **Hannah Love** has a Ph.D. in sociology from Colorado State University. She is a trained team scientist with 11 years of facilitation experience. Her background includes work in higher education administration, water conflict facilitation, and non-profit fundraising.

Feb. 8, 2022
12:00–2:00 PM
(Central Time, UTC-6)

Limited to 50
participants

Purpose: To prepare team members for cross-disciplinary partnerships by putting basic team science principles into practice.

Register for this Zoom virtual workshop:
<https://tinyurl.com/AG2PI-CW2>

Upon registration, you will receive a confirmation email with information about joining the meeting.

A recording will be available at a later date at: ag2pi.org/



Agricultural Genome to Phenome Initiative (AG2PI) is funded by USDA-NIFA awards 2020-70412-32615 and 2021-70412-35233