Co-learning

Creation of knowledge at the intersection of disciplinary and academic/non-academic boundaries

Activities: CCC Courses 1, 2, 3 & 4; convergence research course and experience

Development

Identifying problems at the intersection of involved parties through knowledge exchange

Activities: Summer workshops, discussions in big ideas, team science, and convergence research courses, internships

Conceptualization

Joint development of research strategies, plans, and challenges

Activities: professional learning plan, research proposal, protocol development for community engagement studios

Investigation

Collection, analysis, and sharing of data related to research aims, including testing of innovative cross-disciplinary approaches

Activities: community engagement studios, research and writing for joint papers/dissertation chapters

Translation

Proposing and implementing solutions to pandemic problems based on transdisciplinary and community-based research

Activities: External presentation of course deliverables and joint papers/dissertation chapter, communication

Reflection and Refinement

Iterative refinement of approach to pandemic challenges based on intentional reflection

Activities: Workshops, reflection assignments in big ideas, discussions in convergence research courses, and question and answer sessions in preliminary exams