



External Engagement

iUTAH: Broader Impacts

External Engagement

- Participatory research, outreach, communication and dissemination activities with key audiences in support of iUTAH research
- Efforts support development of diverse, well-prepared STEM workforce and scientifically literate public in Utah

External Engagement Team

- Team:
 - **NHMU/UU: Madlyn Runburg (EE Co-chair),** Becky Menlove, Lorie Millward
 - **Utah DNR: Chris Keleher (EE Co-chair)**
 - UEN: Laura Hunter, Karen Krier, Jessica Anderson
 - USU: Nancy Mesner, Brian Greene, Carlos Licon
 - GSLC/UU: Louisa Stark
- Partners:
 - USOE: Sarah Young
 - SUU: Paul Husselbee
 - UU: Nalini Nadkarni

External Engagement Goals

- **Goal 1:** Provide participatory iUTAH related research experiences to K-12 and public audiences.
- **Goal 2:** Develop dynamic communications strategy for dissemination of iUTAH activities and outputs.

External Engagement Objectives

- *Goal 1: Provide participatory iUTAH related research experiences to K-12 and public audiences.*
 - **Objective 1.1:** Leverage existing Utah Water Watch (UWW) and Taking Learning Outdoors (TLO) programs to align with iUTAH **EE** goals.
 - **Objective 1.2:** Integrate iUTAH research into the planning and implementation of UWW and TLO programs.
 - **Objective 1.3:** Support Workforce Development and Diversity Enhancement goals.
 - **Objective 1.4:** Support project evaluation efforts.

External Engagement Objectives

- *Goal 2: Develop dynamic communications strategy for dissemination of iUTAH activities and outputs.*
 - **Objective 1.1:** Produce an iUTAH website
 - **Objective 1.2:** Support project evaluation efforts
 - **Objective 1.3:** Engage natural resource managers across Utah through direct and comprehensive communications and participation with relevant areas of iUTAH.

External Engagement Activities

- *Goal 1: Provide participatory iUTAH related research experiences to K-12 and public audiences.*
 - **Activity 1.1:** Refine UWW and TLO program goals and content to support relevant aspects of iUTAH research areas.
 - **Activity 1.2:** Identify goals and needs to advance UWW and TLO programs in year two.
 - **Activity 1.3:** Include iUTAH researchers, EOD team members and community stakeholders in the planning and implementation of UWW and TLO programs
 - **Activity 1.4:** Design recruitment plan for diverse audiences as described in iUTAH
 - **Activity 1.5:** Participate in iUTAH evaluation activities

External Engagement Activities

- **Goal 2:** *Develop dynamic communications strategy for dissemination of iUTAH activities and outputs.*
 - **Activity 1.1:** Design and launch iUTAH website
 - **Activity 1.2:** Participate in iUTAH evaluation activities
 - **Activity 1.3:** Work through existing networks and relationships to provide in-person and electronic communications to natural resource managers in Utah

External Engagement Outputs

- *Goal 1: Provide participatory iUTAH related research experiences to K-12 and public audiences.*
 - **Output 1.1:** Documented program goals and activities highlighting iUTAH EE goal alignment
 - **Output 1.2:** List of activities and outcomes that inform goals and needs
 - **Output 1.3:** List of collaborators and collaborations
 - **Output 1.4:** List of integration points of iUTAH research with UWW and TLO
 - **Output 1.5:** Documented recruitment efforts including strategies and outcomes
 - **Output 1.6:** List of EE evaluation activities
 - **Output 1.7:** Documented participation in iUTAH evaluation activities

External Engagement Outputs

- **Goal 2:** *Develop dynamic communications strategy for dissemination of iUTAH activities and outputs.*
 - **Output 1.1:** Fully functioning website
 - **Output 1.2:** Established process for adding content and enhancements
 - **Output 1.3:** List of EE evaluation activities and outcomes
 - **Output 1.4:** Documented participation in iUTAH evaluation activities
 - **Output 1.5:** Documented communication activities with natural resource managers in Utah

Possible Challenges

- UWW and TLO will require recruitment and follow through during the year that potentially impact the number of people who will be involved.

Anticipated Outcomes or Impacts

- The EE team will have an increased understanding of audience needs and interests relative to engagement
- Audience feedback will allow EE team to assess achievement of goals and refinement of programs

Engagement Logic Model

