Update to State Committee - June 18, 2012

iUTAH EPSCoR Track-1 Project

Start date: July 1, 2012 (length is 5 years)

PIs: Todd Crowl, Michelle Baker, Doug Jackson-Smith (USU)
     Jim Ehleringer, Diane Pataki (UU)

Associate Project Director: Rita Teutonico
What will we be doing over the next 5 years?

The purpose of the Research Infrastructure Improvement Program: Track 1 (RII Track-1) is to provide support for sustainable improvements in a jurisdiction’s academic research infrastructure, that is, its research capacity in identified areas of research and education in science and engineering that are supported by the NSF.

RII Track-1 activities build the core infrastructure needed to develop collaborative efforts for the successful pursuit of significant jurisdictional and regional opportunities in science and engineering.

### Research Focus Areas

**Focus Area 1:** Biophysical ecohydrologic system  
**Lead:** Michelle Baker, USU

**Focus Area 2:** Social and engineered ecohydrologic system  
**Lead:** Doug Jackson-Smith, USU

**Focus Area 3:** Coupled human-natural system  
**Lead:** Diane Pataki, UU

### iUTAH Management Team

- **PI:** Todd Crowl, USU
- **Co-PI:** Diane Pataki, UU
- **Co-PI:** Jim Ehleringer, UU
- **Co-PI:** Doug Jackson Smith, USU
- **Co-PI:** Michelle Baker, USU
- **Assoc. Director:** R. Teutonico, USU

- **PI:** Zach Aanderud, BYU
- **Co-PI:** Brian Avery, Westminster
- **Co-PI:** Dan Bedford, Weber St
- **Co-PI:** Tami Goetz, UVU
- **Co-PI:** Chris Keleher, UDNR

- **PI:** James Morales, USU
- **Co-PI:** Paul Spruell, SUU
- **Co-PI:** Janet Ross, Four Corners School
- **Assoc. Director:** Madlyn Runburg, NHMU

### Education, Outreach, Diversity (EOD) Teams

- **NSF EPSCoR Associate Director EOD Director**

- **Workforce Development Team**

- **External Engagement Team**

- **Diversity Enhancement Team**

6/17/12
Big Picture Priorities

Year 1 - Develop iUTAH and state EPSCoR Office and Staff

Watershed Observatories - design, install monitoring instruments, data flow and storage

Establish EOD teams, objectives and timelines

Internships, REUs, Museum Partnerships

Satisfy NSF requirements

Year 2 - Watershed Observatories – must be fully integrated and functioning, including urban and social components

Begin scoping Green Infrastructure

Summer Institute

all EOD activities

NSF and assessment meetings

Big Picture Priorities

Year 3 - Watershed Observatories - Data & Modeling capabilities fully operational

EOD activities fully engaged

Summer Institute

Green Infrastructure Facility completed and integrated with EOD and other research

Environmental Situation Rooms Scoped

NSF reverse site visit
Big Picture Priorities

Year 4 - Watershed Observatories - fully integrated
Green Infrastructure - fully integrated
Summer Institute
all EOD activities
Environmental Situation Rooms - functional

NSF site visit; Assessment team evaluation

EPSCoR II planning begins

iUTAH EPSCoR 2012-2013 Timeline

May
Award DD concurred

June
Award Letter to USU
Initial Activity 1, 2 & 3 meetings; (June 1 - activities 1 & 2)
Initial institution update meetings
UoU, USU completed; BYU, WSU & UVU over the next month

July 1, 2012
Official start date

July
Sub-contracts processed

July 12
EOD kickoff meeting

mid, late July
All hands celebration and kickoff meeting

July 15, 2012
Open iUTAH EPSCoR USTAR Offices
USU complete; UU-?????

July 31, 2012
PhD GRA applications due. PIs will finalize appointments by beginning of fall semester
Graduate student RAships will be available for the 2012-2013 year

See announcement indicating a solicitation for Ph.D. graduate student RAships to begin in August 2012. These RA positions will be for one year, but may be renewed. The positions may only be used for activities directly related to iUTAH.

Students will compete for these positions which may be used for stipend support in the Fall 2012, Spring 2013, and/or Summer 2013 semesters.

This announcement will be broadcast broadly to also reach Ph.D. students beyond the student pool that is associated with faculty listed earlier under Activities 1, 2, and 3, Communications and CI.

### iUTAH EPSCoR 2012-2013 Timeline

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>Sept. 1, 2012</td>
<td>Individual participants (from all institutions) submit finalized scopes of work and deliverables for 2012-2013 to Crowl</td>
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<td>Sept. 10, 2012</td>
<td>PIs and team leads meet with External Advisory Board</td>
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<td>No later than Sept. 30, 2012</td>
<td>Assessment/NSF strategic planning meeting - All required to attend (including a revised education plan)</td>
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<td>Nov. 15, 2012</td>
<td>Final watershed designs</td>
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<tr>
<td>No later than Nov. 30, 2012</td>
<td>Strategic Plan, State S&amp;T Plan and State EPSCoR bylaws due to NSF including individual Scopes of Work with roles, responsibilities and deliverables</td>
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<tr>
<td>Jan. 1, 2013</td>
<td>First semi-annual reporting due</td>
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<td>March 1, 2013</td>
<td>Second semi-annual reporting due</td>
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<td>April 1, 2013</td>
<td>80% of budget must be obligated;</td>
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<td>Final individual reports due with estimates for 4th quarter</td>
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The reporting process is complex and requires a structure be maintained.

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<th>Female</th>
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<th>Hispanic</th>
<th>Other Ethnicity</th>
<th>Persons with Disabilities</th>
<th>New Investigators*</th>
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Contact information

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Diane Pataki, diane.pataki@uu.edu
James Ehleringer, james.ehleringer@uu.edu

A directory of participant, photos, and brief bios will be constructed and made available to all between now and September 30th.
UTAH EPSCoR Structure

*The Lead PI of the EPSCoR Track 1 Project is an ex officio State Committee member.

Public Ed, Regional universities and Informal Ed, UDWS, UMIN, UEN, Utah Futures, The Leo, etc.

UTAH NSF Committee Activities

April, 2012
Initiated bi-weekly conference call
Winters, Teutonico, Corbato, Jones, Crowl

May 2012
Completed UTEPSCoR.org transfer (to UEN)
State Logo chosen and completed

June 2, 2012
State website launched by UEN

June, 2012
In collaboration with Hawaii, New Mexico, Alaska and New Hampshire EPSCoR Programs, established a web-based reporting approach using the DRUPAL information management platform.

New Mexico has agreed to transfer their software designed for NSF reporting structures

Crowl and Kelly co-chairs of the web-based reporting working group;

Sept. 30, 2012
Workshop proposal due to NSF (Crowl and Kelly, Co-PIs)
UTAH NSF Committee Activities

May, 2012

NSF PI/PD/PA meeting, DC
(ppts available at NSF.GOV/EPSCOR/)

upcoming EPSCoR reviews
  NAS - current committee makeup lacking
  NSF sanctioned review - data intensive
  2030 Review available (posted on website)

New procedures for NSF outreach - now coordinated through
  NSF EPSCoR outreach Coordinator (Martha (James)

Handout posted on website