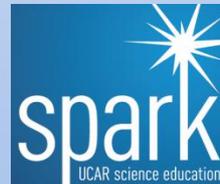


UCAR Community Programs

Dr. Emily CoBabe-Ammann
UCP Director

UCAR Community Programs (UCP)

- Education, Service, Community Building, and Innovation are the hallmarks of the UCAR Community Programs. UCP's vision and mission are:
 - Vision. Bring communities together to address large-scale, integrated research and education issues.
 - Mission. Provide leadership, services, and innovation in support of UCAR community education and research goals.



UCP Service Areas

- Data Services & Software
- Technical, Field and Administrative Support for Community Projects and Programs
- Educational Resources and Technologies for Students, Teachers and Researchers Worldwide
- Professional Development and Training
- Visitor Programs for Students, Postdocs and Scientists
- Innovative Ground and Space-Based Environmental Observing Systems

UCP History

- Most UCP programs began as community grassroots initiatives.
 - UCP is more service-oriented than research-oriented and focuses on making sure community science gets transferred in novel ways to the broader community and beyond.
- Community involvement, governance, and service are central attributes to UCP programs.
- UCP has proven to be flexible and responsive to community and sponsor needs and an effective home for novel and integrating partnerships.

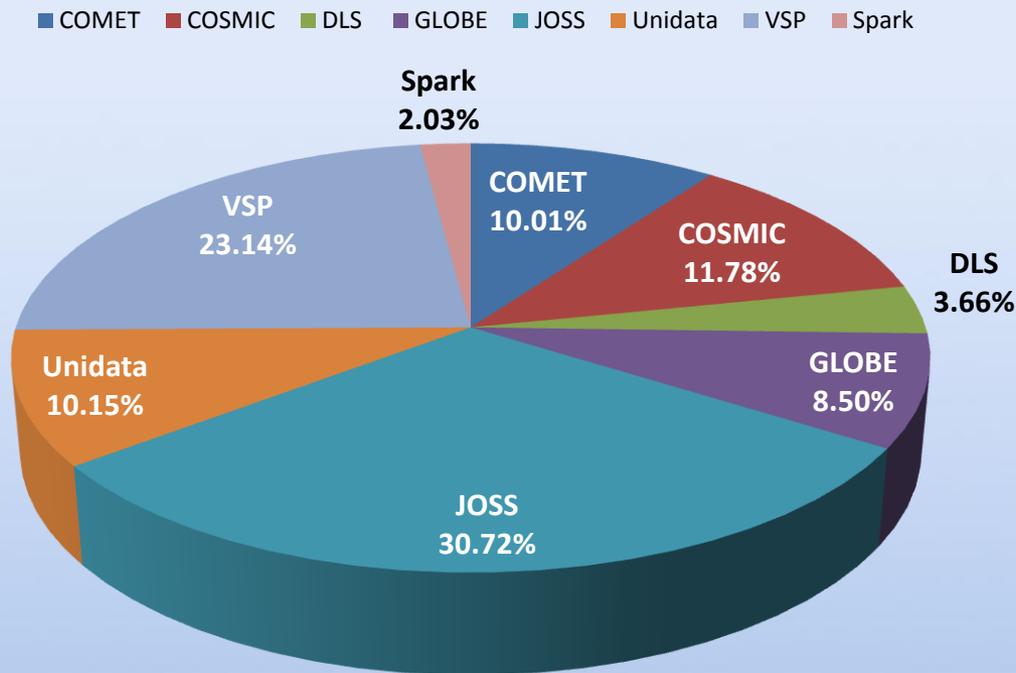
Current Status of UCP Programs

- Feeling the same budget pinch as everyone else
- Most programs are stable with some shrinkage
- A few are more challenged (e.g. COMET, GLOBE, NSDL, COSMIC)

First Priority: Program stabilization and looking to shore up resources for core missions

FY14 Projections

UCP FY14 Projected Operating Budgets by Program \$42,459,355



- Conservative estimates
- Includes full year for GLOBE
- Unidata includes several Earth³ proposals.
- COMET is up \$500k over FY13 – expected to grow
- Spark projection does not include its G&A funding
- NSDL is currently planning to sunset in FY14, though its status may change – rolled into DLS
- UCAR/JOSS signed its new USGCRP contract

A Transformative Summer for Spark

- Management restructuring
- Evaluator added
- Addition of UConnect
- New Director search underway



Informal Education: ML Exhibits, Tours, Events

Undergraduate Education: SOARS and related programs

Public Outreach: UConnect

Formal Education: Teacher programs and K-12 UConnect

Why is this important for UCAR Members?

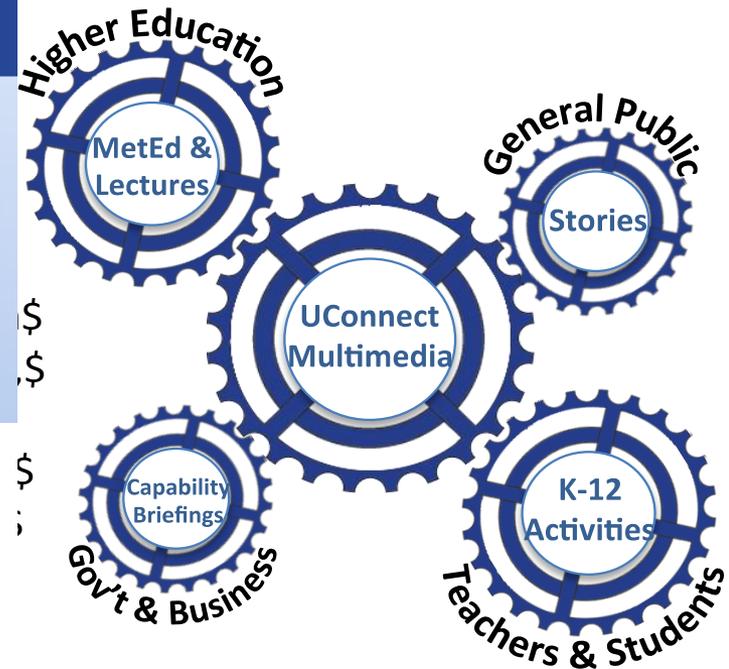
Programs designed to support Broader Impact components of NSF proposals, complete with boiler plate language, budget templates, and standard contractual language.

UConnect: A New UCAR Outreach Program

UConnect @ UCAR

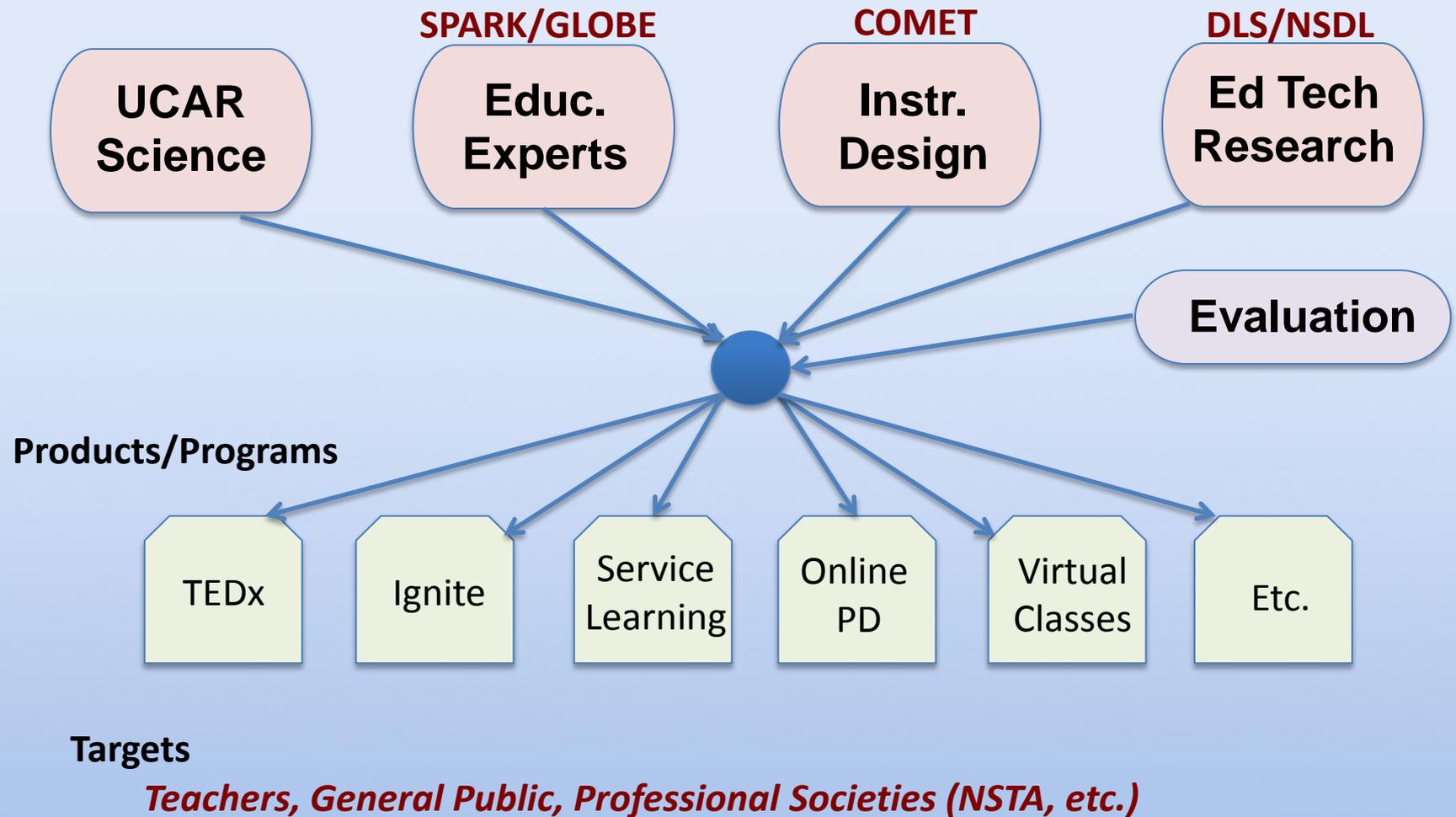
Weather and Climate Resources for Everyone

UConnect is a free and open collection of audience-focused & topic-driven digital resources accessible across all platforms & devices. It takes a novel playlist approach that is active, emergent, and responsive to the needs of UCAR's varied audiences.



Break out
session!

Strategy: Building on Existing Core Strengths: UCAR Education & Interactive Online Learning



Strategy: Integrated Professional Services: Facilitating Weather and Climate Applications



Logistics

Personnel Exchange

Instr. Design & Delivery

Data & Visualization

Education & Outreach

Proposal Capture

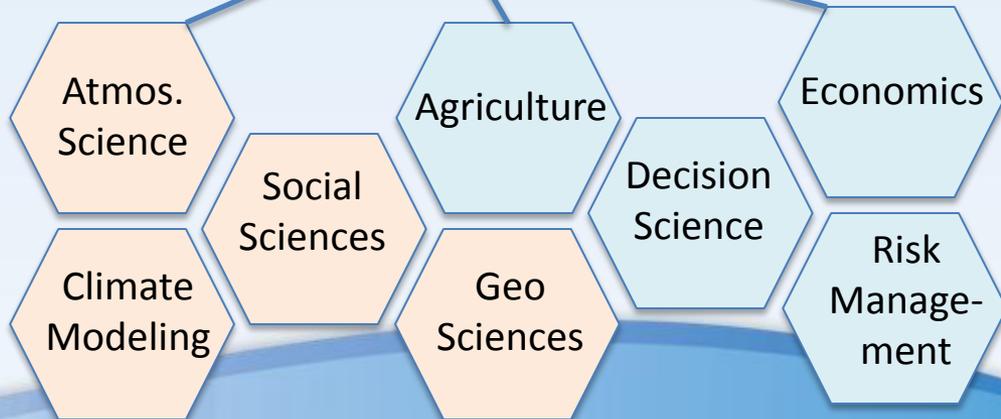
Evaluation

Project Management

Large-Scale Applications Projects

- * Science Driven
- * Project-by-Project Configurations
- * Draws from UCAR Member Universities
- * Requires New Capacity/Relationships
- * Expanded Project Terrain

Begun 10/13



Strategy: Development of new Stand-Alone Programs



- UCP holds independent science-driven programs (e.g., COSMIC and UNIDATA)
- Other similar opportunities are presenting themselves in strategic areas
- These opportunities are often in the applications and operational realm, where UCP has strength

***UCP can be a hub for these activities,
facilitating for the UCAR community***

Climate Services at UCAR/NCAR

- NCAR/UCAR Partnership
 - Dr. Lawrence Buja, NCAR/RAL*
- Goals:
 - *Engage NCAR and UCAR scientists*
 - *Define a strategy to support their efforts*
 - Building a network that let's stakeholders find us
 - ***and helps us find each other***
 - *Navigate a position, both nationally and internationally*

Break out
session!

UCP Philosophy: We can provide the Bridge from Data to Stakeholder

UCAR/NCAR CLIMATE SERVICES

Earth System Observations and Modeling

Research to understand our Planet

Translation for Impacts Understanding

Providing context for applied problems

Data Visualization and Delivery

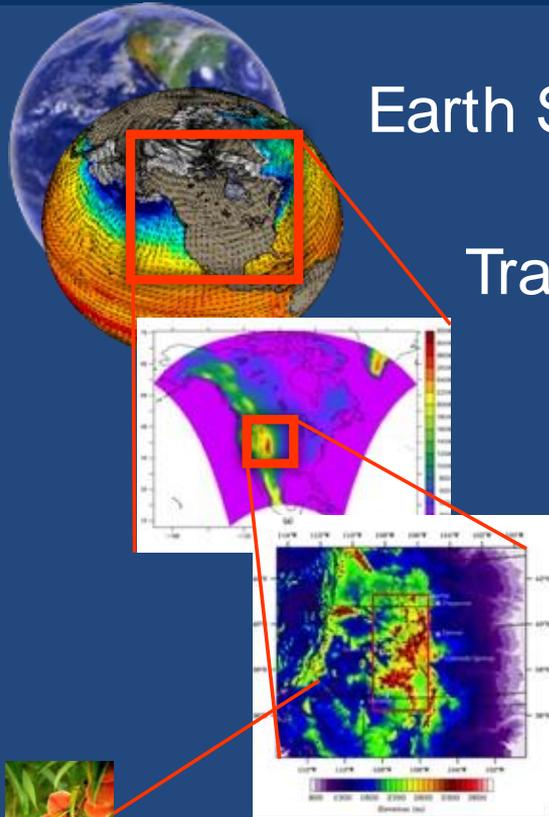
Putting data into the hands of stakeholders

Training and Education

Preparing our nation's workforce

Decision Support

Helping users on the ground



Agriculture



Health



Risk



Energy



Water



Transport

How does this benefit universities?

- Provides facilitation and operational support beyond those universities have traditionally had within their institution
- Allows UCAR partners to expand their knowledge-base, both in terms of new arenas of activities and of new disciplines across UCAR
- Allows UCAR to be the 'honest broker' on behalf of our university partners



***Unidata Regional Workshop
Millersville University
October 21-22, 2013***



Deadline to Register: October 14, 2013

The workshop will also include hands-on session showcasing the GEOScience Probe of Discovery (GEOPOD), an NSF funded project that leverages Unidata's IDV to create an interactive 3-D learning environment where students can navigate a virtual probe through real geophysical data and actuate devices to explore and discover the atmosphere.

Contact info: Sepi Yalda (She's here!!)

Sepi.Yalda@millersville.edu

Questions?

Contact info: ecobabe@ucar.edu