From the Director

By Emily CoBabe–Ammann

Our Changing UCP Directorate!

Many have you have noticed the buzz that now emanates from the first floor west wing of FL–4, as the UCP Directorate becomes busier. There have been a number of changes over the last six months – and it’s worth a recap!

It is with great pleasure that I introduce to you Lana Kimayeva, UCP’s new Director of Business and Operations. Lana started in the Directorate a couple of weeks ago and is currently experiencing the ‘drinking from the fire hose’ phase of coming on board. Lana comes to us from the Internews Network, an international nonprofit that works to empower local media and news agencies worldwide. There, she served Deputy Director and Business Manager for the Europe and Eurasia programs, a portfolio of complex assistance programs totaling $40M annually.

The Director of Business and Operations is a new position for UCP. Lana will handle much of our business mechanics (budgets, planning, proposals, reporting), ably supported by Kelly Smith and Dawn Williams. She will be working across the organization to look at ways we can streamline and generally improve our business practices, including sharing capacity and skills. And she will interface with UCAR and NCAR, playing an important role in the business re-engineering that the institution is beginning. In addition, Lana is responsible for translating new business models into UCAR–ese, the tangle of requirements UCAR holds as the manager of NCAR. We’ve had a lot of discussion in the last year, both within UCP and across UCAR, about the need to expand our funding sources and diversify our portfolio. Doing this flexibly, while still remaining compliant with our federal sponsors and particularly with NSF, will require almost superhuman agility and nimbleness.

Lana was the unanimous choice of the search committee for this position. And it’s not hard to see why. She has a clear understanding of how to meet the complex and extensive needs of our federal sponsors. Both during her interview and with her writing, she demonstrated that superhuman agility with a thoughtfulness that impressed us all.

Several months ago now, we also hired Dawn Williams as a budget analyst for UCP. UCP has seen a significant uptick in the number of proposals heading out the door. And the proposals, the pre-award audits, the post-award requirements – all have become increasingly complex as UCP programs diversify their funding sources. We anticipate that this trend will continue, as we see more requirements from our federal sponsors and new opportunities from foundations and the private sector. Dawn’s hire allows UCP to be able to maintain the nimbleness in the business office that UCP programs rely on.

Also on the first floor, you will see Valerie Williams, head of UCAR Evaluation Services, and her team. Valerie is funded directly by UCP programs and by outside partners to evaluate education (and soon climate services) programs and products. We anticipate that her program will grow over the next couple of years to become a fully functioning UCP entity.
Cindy Schmidt, on loan from the UCAR President’s Office, is living with us for a few years, as she and her team build Climate Voices (climatevoices.org). Climate Voices is a partnership between UCAR and the UN Foundation to bring climate scientists to communities all across the country. The speaker network also provides valuable resources for anyone interested in communicating climate science to any audience.

Lastly, but certainly not least, we have the pleasure of having Toni Romaine join us for the summer. Toni is developing the database for the UCAR Climate Services Directory, a searchable database of anyone across our 103 institutions who is working in the arena of climate services. The Directory was top climate services priority for UCAR Members last fall, placing UCAR at the center of the teaming hub for our community.

It’s important for me to say that many of our new additions bring their own funds with them, and they have the expectation that they will continue to support themselves going forward. They collectively represent a new model for sharing staff and capabilities across UCP that does not add to the UCP Directorate bottom line or to our indirect cost rates. But they do represent opportunities to grow and share our work in a way that benefits the entire enterprise.

Come down to the UCP Directorate when you have the chance and say hello!

We Want to Hear From You

The UCP Director’s Office now has an online anonymous suggestion box as another way for staff to communicate directly with Emily. Comments or suggestions will be submitted anonymously to Emily’s email: https://www.fin.ucar.edu/ucpdir/internal/suggestionbox.php3

UCAR & Paladina Health

A healthy new benefit for you! A whole new approach to primary care, provided as an option for employees and their dependents enrolled in UCAR’s Cigna Health Insurance Plan. Paladina Health employs the medical home model focusing on physician–patient relationships and increasing access to a personal Primary Care Physician. Across the nation, the patient–centered medical home model is increasing in popularity because of these powerful benefits.

- 24/7 Access to your physician’s cell phone for urgent needs
- Your doctor’s email address
- Schedule same or next day appointment
- Comprehensive 90 minute Wellness Exam
- Individualized Health Planning
- Online access to your medical records
- Referral coordination

For more information please visit: http://www.paladinahealth.com/splash/ucar-boulder

Member Services: 866–808–6005

Clinic Locations:

- 2880 Folsom St. Suite 140, Boulder, CO 80304
- 12202 Airport Way, Suite 170, Broomfield, CO 80021
VSP News:

New Deputy Director at VSP and GLOBE  
Welcome to Hanne Mauriello  
Hanne Mauriello will be joining VSP and GLOBE as a Deputy Director. Hanne will split her time between the two programs. She will manage day-to-day operations, assist with strategic planning, and support the development of new business opportunities. We look forward to Hanne returning to UCP sometime in July.

NASA Living With a Star Institute  
Call for Proposals—Deadline 15 September  
The LWS Institute is designed to facilitate a bridge between cutting-edge heliophysics research and a societally relevant technology area that is affected by space weather. Competitively selected working groups will define and scope new research that will make a critical difference to this technology.

Small working group style meetings will focus on well defined problems that demand intense, direct interactions between colleagues in neighboring disciplines, to encourage and facilitate a deeper understanding of the variety of processes that link the Sun’s magnetic variability (radiation, solar wind, energetic particles) to Earth’s environment and atmosphere. The proposals will:

- **Focus** on a particular technology area that will be positively affected by space weather research advances,
- **Identify** a team that is composed of members who perform heliophysics research that is relevant to the affected technology, who forecast or model space weather for this technology, and who use (or who will use) this technology (when it is successfully improved),
- **Describe** how the team will quantify and parameterize the magnitude and pathways of the impacts on the affected technology and will scope the new ranges of targeted research that accordingly will be needed, and
- **Articulate** the impacts of this targeted research by envisioning the resulting, improved operational capability that will make a positive difference to society.

For 2014, we are seeking proposals that develop these principles in relation to the effects of geomagnetically induced currents (GICs) during CME-driven geomagnetic disturbances (GMDs). Proposals may focus on particular historical GMDs or on a statistical analysis of many such events.

For more details on how this exciting new program works, please visit [http://www.vsp.ucar.edu/Heliophysics/science-LWS.shtml](http://www.vsp.ucar.edu/Heliophysics/science-LWS.shtml)

NOAA Climate & Global Change Alumni  
NASA has named Gavin Schmidt to lead the Goddard Institute for Space Studies. Gavin is a former VSP postdoctoral fellow under the NOAA Climate and Global Change Postdoctoral Fellowship Program.

12th NOAA Summer Institute  
13 – 17 July 2014  
VSP is hosting the 12th NOAA Summer Institute in Steamboat Springs, CO. The biennial gathering is part of the NOAA Climate and Global Change and the PACE postdoc programs. The Institute brings together present and former fellows, as well as host scientists, program sponsors, steering committee members and other invited guests to share research accomplishments and discuss the future directions of climate research as it pertains to global climate change.

These Institutes are unique in fostering a strong sense of community among the postdoctoral fellows, senior researchers and science managers. The participants of past Institutes have developed a greater appreciation of the bridges between their personal research, the evolving climate change science, and the role of public policy that will influence their careers.

New VSP Employees:  
- Rebecca Bolinger has joined Dr. Andrew Gronewold, NOAA Great Lakes Environmental Research Laboratory and Mr. Keith
Kompoltowicz, United States Army Corps of Engineers, Detroit District, as a Postdocs Applying Climate Expertise (PACE) Postdoctoral Fellow.

- Graham Dow will join Dr. Andrew Richardson at Harvard University, as a NOAA Climate & Global Change Postdoctoral Fellow on June 30th.

- Alexei Belochitski will begin working at the NCEP Environmental Prediction Center, Camp Springs, MD, as a Postdoctoral Researcher on July 14th.

- Inseong Jeong will join the NOAA NOS National Geodetic Survey in Silver Spring, Maryland, as a Visiting Scientist on July 21st.

- Meng Jin will join Dr. Karel Schrijver at Lockheed Martin Advanced Technology Center as an Eddy Fellow on July 28th.

SPARK/ UCAR Center for Science Education Update:

- July’s UCARConnect feature focus will be summertime weather extremes and highlight a video with Unidata meteorologist Jeff Weber.


- The Air Quality Teaching Box is available online at https://scied.ucar.edu/air-quality and will be featured this summer and fall during teacher professional development workshops. Additional educational resources will be added after the summer air quality field campaigns have collected and shared regional air quality data, which will be added to the resources.

- The Tornadoes Teaching Box will be published the first week of July and features two new activities that utilize ESRI Story Maps for secondary education.

- We had the Spark Open House on June 5th. In addition to highlighting Spark projects and its new name, attendees had a lot of fun experimenting with engineering design principles with our wind tunnel design challenge.

- SOARS Academy Update

New successful pilot program – The SOARS Academy

Thirteen community college and undergraduate students from around the country came together for a one-week immersion program at NCAR, June 15–21. The students were facilitated by Val Slown as they learned about atmospheric science careers. They completed a small data project and were mentored by scientists from NCAR/UCP who will stay in contact with them through the fall semester. The group will come back together at the AMS Student conference in 2015.

Picture shows the group at the SWRC working with data from the DOW.
• **Undergraduate Leadership Update**
  Once again, the annual Undergraduate Leadership Workshop brought together students from UCAR member institutions to learn about research and career opportunities in the atmospheric and related sciences. The students were facilitated by Tim Barnes and Kelvin Droegemeier from the University of Oklahoma provided training on leadership concepts and skills.

• **Ozone Garden**
  In partnership with scientists from NCAR and the University of Colorado, we planted an ozone garden in the garden bed in front of the main entrance of the Mesa Lab. A portion of this garden bed now contains four plants that are known to be sensitive to ground level ozone (milkweed, snap bean, coneflower, and potato). Signage will be installed soon to provide more information about this garden for our visitors, and we will be collecting data about how the plants fare throughout the summer. Check it out the next time you’re at the Mesa Lab!

• Teri Eastburn and Lisa Gardiner head to the 14th Annual Environmental Health Studies Summer Symposium in Houston, Texas in mid July where they will conduct two day-long workshops with Texas teachers on climate change.

**Unidata News:**

Unidata is governed by its community. Our governing committees facilitate consensus building for future directions of the Unidata Program and establish standards of involvement for the community. The Unidata Program Center is seeking new people to serve on Unidata’s Strategic Advisory and Users Committees. This is your chance to make a difference on behalf of the Unidata community. As William Gallus, the current Chair of the Unidata Strategic Advisory Committee notes, “Serving as a member of these committees puts you in the driver’s seat to help shape the future of Unidata and thus the future of real time weather data delivery and the means to work with it.”

We are looking for creative people at U.S. universities and colleges who are using Unidata products and services — or who are familiar with Unidata — to help guide the program in addressing the needs of our broadening community. We need the insights of active educators and researchers to spot new opportunities and take advantage of the expanding range of scientific data. We’re looking for help identifying new tools and services — along with improvements to our existing offerings — that will advance the scientific and educational goals of the community.

Nominations are open until **July 18, 2014** for committee terms beginning with the September and October 2014 committee meetings. There will be several openings on each committee. Why not consider nominating one of your colleagues (or yourself!) to serve a three-year term, beginning in the fall of 2014? To make a nomination, use the [Nomination Form](#).

For additional information about the roles played by Unidata’s governing committees and the appointment process, see the [Unidata Governing Committee pages](#).
GLOBE Update:

GLOBE and the International Council for Education on Teaching
GLOBE Director Tony Murphy will represent UCAR on the International Council for Education on Teaching (ICET). UCAR is seen as the “go-to” group for STEM education for ICET.

18th Annual GLOBE Partner Meeting and GLOBE Learning Expedition
The countdown has begun for the 18th Annual Meeting and GLOBE Learning Expedition (GLE) in New Delhi, from 3 – 8 August. Visit GLOBE’s GLE webpage for information about the event and GLOBE’s Facebook page during the event to learn what is going on in New Delhi.

GLOBE/NASA Partnerships
Along with the ongoing CloudSat and CALIPSO missions, the GLOBE Program is involving educators and students in activities related to two new NASA satellite missions in 2014: Global Precipitation Measurement (GPM), launched in February 2014; and Soil Moisture Active Passive (SMAP), scheduled for launch in November 2014. To find out more about GLOBE campaigns related to NASA satellite missions, see the Satellite Partnerships page.

GLOBE Webinars on July 29, 2013
The GLOBE Program Office will host three webinars on 29 July to help teachers understand how GLOBE aligns with Next Generation Science Standards (NGSS), how GLOBE NGSS resources benefit GLOBE Partners and Trainers, and how everyone can benefit from lessons learned from the year–long GLOBE / NGSS alignment project. Visit the GLOBE website for more information.

Hanne Mauriello joins GLOBE
GLOBE welcomes Hanne Mauriello as Deputy Director of the GLOBE Program Office, as of mid–July. Welcome aboard Hanne!

COMET News:
COMET is a Weather–Ready Nation Ambassador!
Earlier this year, COMET was approached by NOAA to help connect the public with the Weather–Ready Nation initiative. As a 20+ year training partner with NOAA’s National Weather Service, we have a long history of improving the nation's readiness and responsiveness to extreme weather events.

Latest MetEd Publications:
1. Tropical Cyclone Intensity Analysis
This lesson provides guidance for operational forecasters needing to combine different intensity methods to determine the intensity of a tropical cyclone. Each of the intensity methods is summarized, focusing on both strengths and weaknesses.
Refer to: https://www.meted.ucar.edu/training_module.php?id=1083#.U6xWS6I3dZ4

2. Ensemble Applications in Winter
This lesson provides an introduction to ensemble forecast systems using an operational case study of the Blizzard of 2013 in Southern Ontario. The module uses models available to forecasters in the Meteorological Service of Canada, including Canadian and U.S. global and regional ensembles.
Refer to: https://www.meted.ucar.edu/training_module.php?id=1073#.U6xWbqI3dZ4

3. Tropical–Extratropical Air Mass Interactions in South America
Case studies of tropical–extratropical air mass interactions over South America are presented in this module. Synoptic features associated with cold air intrusion into tropical latitudes and the incursion of humid, tropical air masses into midlatitudes are identified.
Refer to: https://www.meted.ucar.edu/training_module.php?id=1023

For a list all modules on MetEd, including recent translations, please visit MetEd’s Module List at https://www.meted.ucar.edu/training_detail.php