

Ladies and Gentlemen:

Here is the latest newsletter to let you know what's going on in EOL. In the future, if you have information or news that you'd like included in the newsletter, please send it to me.

1. Roger is arriving in 15 July!!!
2. Congratulations to four scientists in the Laboratory whose appointments were confirmed by the UCAR Board of Trustees at their May meeting in Washington, DC. **Roger Wakimoto** was appointed an NCAR Senior Scientist; **Jeff Stith**, **Jorgen Jensen** and **Al Fried** were all confirmed as Scientists III.
3. At the same Board meeting, salary increases for this year were approved. All staff should have heard from their supervisors by now informing them of the increases for this year.
4. A retreat of NCAR Directors is being held in Boulder on June 13-14 – both Al and I will attend to represent EOL. The purpose of the retreat is to engage everyone intensely in planning for revision of the NCAR strategic plan – the first draft is planned for completion at the end of this summer. We will be fully engaged in this activity as well as revising our own EOL strategic plan at the same time.
5. Al sent to all staff The Reorganization announcement a few weeks ago. He and I have been visiting all the EOL groups since then, listening to comments and discussing the reorganization with anyone who wishes to talk. The Plan has been posted to the web at:
http://www.atd.ucar.edu/dir_off/reorg/EOLReOrgAnnouncement.pdf.
Both of us are available to talk with individuals or groups who would like to continue a dialogue about the reorganization.
6. Al is working on PDQs for five manager positions that will be filled as part of the reorganization. Managers will be sought for Field Project Services, RSF, ISF, CDS, and the Technology Development Facility. Once the position descriptions are complete, the positions will be competed within EOL, JOSS/FODM and HPO.
7. OFAP and FAC met in May. There were a large number of requests to be considered, so it was a busy meeting. Allocations have not yet been confirmed by NSF but we expect them shortly. If allocations for MIRAGE are approved, we will then form the EOL MIRAGE team consistent with our reorganization statements.

8. Roger and I are working with NSF on a community-wide survey of facilities. The purpose of this survey is to look carefully at instruments and systems that are currently in the deployment pool, those that are held in institutions outside of NCAR and those that are being developed in the community and may eventually be covered by the deployment pool. Right now, the terms of reference for the survey are being drafted; EOL will create a committee from our community to lead the effort. The plan is that the committee, working through subcommittees, will poll the community and produce a white paper from the results. The white paper will be discussed in depth at a community workshop, which will likely be held at NCAR sometime late summer/early fall 2006. The results of this study will provide NSF with community input for future decisions regarding instrumentation and possible candidates for inclusion in the deployment pool.

9. HIAPER – EOL and the HIAPER Project Office are working on a transition plan to cover the details of the HIAPER aircraft moving from the Project Office to the RAF later this year. A debriefing of the HIAPER Project will be held at NCAR on November 7 and 8. This debriefing will cover the entire process of acquiring the aircraft.

10. A Data Retreat was held on May 25, with all data and software staff from EOL and JOSS/FODM attending. The purpose of the retreat was to discuss current data and cyberinfrastructure activities in both groups and explore plans for the future when all are in EOL.

11. REAL has been taken to Dugway for a field test in Utah. Shane Mayor is providing updates on progress – apparently the system traveled well and set up at Dugway was successfully completed with the help of a highly skilled crane operator. Testing has begun and at least one previous problem with instrument performance has been solved.

12. RAF is working hard at readying HIAPER for test flights. Fuel has been drained from the tanks and a team from Gulfstream is arriving this week to begin modifications to the wing of the aircraft to reinforce the hard points. Work will also begin on installation of the satellite communications system, which will be at the heart of the HIAPER two-way data transfer system. Many of the difficult “first time” FAA certification issues have been resolved recently—important milestones for the project. Once the modifications for the wing and communications are complete, EOL staff will start installing additional equipment and preparing for the test flights later this summer.

13. Again this summer, EOL is hosting an intern program for young engineers. RTF is sponsoring three students, selected from a pool of more than fifty applicants. The program provides students with a real-

world engineering experience, concentrating on a specific project, but also moving from one task to another depending on demands and immediate needs in the facility.

— Matthew Tang, who graduated with a degree in Computer Science from Metro State in May, is working with Joe VanAndel and Charlie Martin, evaluating tiny Linux computers, some as small as a pack of gum.

— David Richter, a senior majoring in Mechanical Engineering from University of Massachusetts, is working with Steve Semmer and John Militzer on a design to automatically clean the dome surfaces of the Eppley radiometers.

— Tomas Avilez, a junior majoring in Optical Science / Engineering at the University of Arizona, is working with Scott Spuler on Water Vapor DIAL evaluating the beam steering unit and testing REAL's frequency converter.

14. Here is a website to visit for information for Scientist I/Engineer I job opportunities at NCAR. Applications are due by 1 July. Please pass these along to any young scientists or engineers you may be aware of. These are great career opportunities.

http://www.fin.ucar.edu/hr/careers/uco.cfm?do=jobDetailExt&job_ID=471

That's the news for now...I'll send another newsletter in a month or so. Cheers. -Karyn