

August 8, 2005

Ladies and Gentlemen: Here is the latest information in EOL that I think may be of interest to you...

1. Roger is here! He began working in EOL full-time on 15 July. Many of you may have noticed that he and I are holding meetings with Facilities and other interested groups during the next month or so. Anyone who would like to schedule a meeting with us should contact Shelley ([zucker@ucar.edu](mailto:zucker@ucar.edu)) or Sara Metz ([smetz@ucar.edu](mailto:smetz@ucar.edu)).

2. Al Cooper has been named as HIAPER Chief Scientist for EOL. His appointment comes at the crucial time when transition from the HIAPER Project Office to EOL is occurring. A Transition Plan is in place and many meetings are being held to address myriad details of this transition. Currently, the HIAPER Project Office is scheduled to close on 30 September this year. However, Krista and Dick will continue their duties until the project debriefing has been held in early November.

3. The Fall 2005 OFAP will be held in the Atrium from October 31 – 2 November. Facilities requests that will be considered at this meeting are:

- (1) CHATS - a request by Don Lenschow for one ISFF and one ISS/MAPR to measure turbulent transport within plant canopies;
- (2) CLIMODE - a project to study the dynamics of subtropical mode water of the North Atlantic in February 2007 in the Atlantic Ocean. The project has a ship borne ISS (James Edson) and an airborne C-130 component (John Bane);
- (3) CLIVAR Cress - a request by S.P. Xie from the University of Hawaii for one GAUS system to be installed on the R/V Cress to make measurements in the Kuroshio current extension region and to gain insight into atmospheric BL adjustment to sharp SST fronts;
- (4) HALPEX - a request for CHILL by Larry Carey from Texas A&M to study co-evolution of lightning and ppt in sub-tropical warm based convection over a cloud lifecycle;
- (5) PASE - a request by Alan Bandy and colleagues for the C-130 to study the chemistry of sulfur in the lower regime of the remote marine troposphere in August and September 2006 out of Guam;
- (6) REFRACCT - a local deployment of SPOL, CHILL and one mobile GAUS to obtain very high resolution measurements of water vapor variability and transport in the convective BL and to assess potential improvements of these measurements in numerical model forecasts for quantitative precipitation;
- (7) ROCS - a follow up study to CAREER that will examine thundersnow events

(8) TTL Chem - a request by Paul Wennberg from CalTech using HIAPER out of Guam to study chemistry of the tropical middle and upper troposphere near and down wind of the region of maximum convection.

4. Facilities Assessment – EOL is undertaking a community-wide facilities assessment. We are organizing an Oversight Committee, which will be chaired by Bob Serafin. Bob and his committee will direct the process by which information is accumulated from the community regarding existing facilities, instruments and systems under development, evolving technologies and possible future instruments. These data will be compiled in a report which will be discussed at a large community workshop that will be held at NCAR in the Fall of 2006.

5. As you all know, the search is underway for Facility Managers for five of the seven facilities. Applications were due on Monday, 25 July. Roger and I are putting together a committee to evaluate the applications and then interview the candidates. We are hoping to have decisions after mid-August. We can't emphasize how important these appointments will be. Almost 75% of the managers in the new EOL are not in place. These new administrators will be working with us as we endeavor to complete the reorganization. Our next step will be to populate all of the facilities with the appropriate personnel. This will be done after a number of discussions/meetings and with your input.

6. RAINEX –The RAINEX team has been working hard to get the P-3 ready. The network and most of the computers onboard are up and running, including the special cockpit displays which will eventually show the NOAA P-3 belly radar images. The first successful transmission of belly radar images to the NRL P-3 using Iridium was accomplished on Tuesday, 2 August. The ELDORA installation is progressing well and they are in the process of calibrating the radar. The RAINEX field phase will be from August 15 until September 30.

7. Budget news – NCAR received the FY05 target from NSF during July. There was an unanticipated reduction in the overall budget. Luckily, EOL was not adversely impacted by the NSF's reduced budget provided NCAR. Sandra has met with the facility administrators to explain final FY05 budgets and year end issues. Administration is preparing preliminary budget schedules for FY06 for review.

8. NSF Program Officers, as well as Jarvis Moyers and Pam Stephens, are coming to Boulder on September 28-29 to meet with EOL. The main purpose of this meeting is to discuss the balance between field deployments and development in the Laboratory. Part of their time here will be spent visiting individually with EOL staff – and we'll let you know more about that as planning for the visit gets more detailed. We will also be meeting at that time with Jim Huning and others from NSF to talk about the HIAPER transition.

9. MIRAGE - Jose' Meítin has been named Project Leader for the EOL MIRAGE Team. Al Schanot is lead for the RAF. The remainder of the team will be named soon.

10. Nominations for the NCAR Distinguished Achievement and Outstanding Accomplishment Awards will be solicited soon. Roger and I will be talking with the MAC about this at its next meeting. Nominations are due from EOL in October – that sounds like a long time away, but we will be soliciting suggested nominations from the Facilities and these will be vetted by the MAC. We'll then decide which from EOL should go forward to NCAR – and request that those nominations be completed. So – please begin thinking about possible nominations. The memo requesting the nominations can be seen here: [https://www.fin.ucar.edu/procedures/sec2/2005\\_request\\_nom.pdf](https://www.fin.ucar.edu/procedures/sec2/2005_request_nom.pdf) and the procedures for the awards can be found here: <https://www.fin.ucar.edu/procedures/sec2/proc252.html#da>

11. EOL has completed the FY 2005 FINAL Program Plan Updates and has begun work on obtaining EOL input for the Annual Scientific Report. Both the Program Plan and Annual Scientific Report are currently being redesigned.

12. Administrative Planning and Structure – Sandra continues to work with the administrative staff on implementation of the new administrative structure. We are currently advertising for an additional Facility Administrator to help with the increased work load.

13. We have posted two excerpts from the UCAR Community Survey. One excerpt is a compilation of statistics and comments from the community as they apply to EOL. [[http://www.atd.ucar.edu/generalinfo/EOL2005\\_comm\\_survey.pdf](http://www.atd.ucar.edu/generalinfo/EOL2005_comm_survey.pdf)] There are the expected questions as to whether the respondent has used EOL facilities. The numerous comments in response to how EOL could improve its services, what should the future direction be, and what should be deemphasize are quite interesting. The second excerpt covers a broader subject of the distribution of research effort between field work, modeling, theory, and lab work within UCAR and the university community. [[http://www.atd.ucar.edu/generalinfo/Instruments\\_and\\_Balance.pdf](http://www.atd.ucar.edu/generalinfo/Instruments_and_Balance.pdf)] It also asks whether there exists sufficient effort in the university community on the development of instrumentation or to educate people on the sources and use of observational data. Finally, solutions to solve the problem are solicited.

14. As you saw from Roger's email of 8/4/05, the Field Project Support Document has been posted as well: [http://www.atd.ucar.edu/dir\\_off/reorg/Field\\_Support.pdf](http://www.atd.ucar.edu/dir_off/reorg/Field_Support.pdf) This report is a result of an internal review conducted by a UCAR committee (called the FPS Committee). I'm sure that you will be interested in their findings. The following EOL people were on the FPS Committee: Brigitte Baeuerle, Mike Daniels, Richard Dirks, Dick Friesen, Allen Schanot, and Steve Williams.

End of Newsletter