

Date: Monday, September 12, 2011

Present: A. Newman, J. Ryan, S. Semken, D.S. Stamps, J. Taber, S. Wdowinski, D. Carlson, S. Olds, M. Berg, M. Weber

Absent: L. Dahlman, E. Hill, B. Lillie, I. MacGregor, D. Marsland, M. Miller,

Chair, Andy Newman brought meeting to order at 9:15a (MDT).

Agenda Items

- I. Approval of last months meeting minutes
- II. E&O Evaluation Summary from NSF
- III. Short Course Report (summary to date)
- IV. Geodesy Curriculum Update
- V. RESESS Update
- VI. Conference Planning (a look ahead)

I. Review and Approval of Last Meeting Minutes

- A. Board unanimously approves July minutes

II. E&O Evaluation Summary from NSF

- A. D. Carlson reviews UNAVCO response to Evaluation with committee.
 1. M. Miller and D. Carlson incorporated all the committee responses and are awaiting input on final version from the UNAVCO Board. Committee member responses were used to enrich the UNAVCO response. D. Carlson feels that it reads quite well.
 2. Committee agrees
- B. Expect to have delivery back to NSF by 15 September.

III. Short Course Report (summary to date)

- A. D. Carlson reports on short courses for the year so far.
 1. All short courses so far have been well received. GSA reports that a TLS short course has been approved to run at annual meeting in October. Still remain on target for covering all major components by year-end.
 2. UNAVCO still has "label" on offsite short courses but does not financially support as they do in house. In some cases UNAVCO supports instructor participation or registration processes. Several of these have occurred in the past months.

Questions/Comments

- A. Newman: A student of his attended to the last InSAR course and found it very valuable.

IV. Geodesy Curriculum Update

- A. A. Newman updates committee on progress.
1. M. Miller and D. Carlson have taken over development and have a good working group for formulating proposal Jan 2012. Will have weekly telecom starting 12 September
 - a) Mark Simon
 - b) Shimon Wdowinski
 - c) Andy Newman
 - d) Matt Pritchard
 - e) Meghan Miller
 - f) Dave Carlson
 - g) Shelley Olds
 - h) Beth Pratt-Situla
 2. D. Carlson states the activities discussed
 - a) Preparatory activities for an NSF TUES proposal
 - b) Inventory of existing materials

Questions/Comments

J. Ryan: Expansion project, is it a Level 2/Type2? Has the new geo-science rotator made contact?

- D. Carlson: No, but can certainly reach out to him/her for suggestions. Beth or Dave to follow up. Peter Lea.

D. Carlson: Asks committee for suggestion on who/where to contact to get information on activities discussed

- J. Ryan: UNAVCO Community, particularly folks working.
- S. Wdowinski: commit to standard and put on website. Give something they use in class. Accept a variety of formats, and then promote what they provide to the higher standards.
- S. Semken: SERC willing to work with UNAVCO
- J. Ryan: Try to engage disciplinary resources. There is probably not that much material, but it makes sense to share resources? Should show existing curriculum developments as basis for a proposal. UNAVCO should survey community.
- S. Semken: Should we propose a workshop?
- J. Ryan: Yes, it is a good idea, but manpower could be a problem.

A. Newman: Asks J. Ryan to attend telecom to bring these suggestions. Asks if there are any ideas. We need to create online documents (30-40pgs) introducing geodesy for Geoscience courses. Whatever we do, we must stay consistent and have a clear effort to prepare this material.

- J. Ryan: Cutting Edge structure is old structure but it may not be best fit at this point to meet level of audience.
- S. Semken: SERC got center grant for integration. Earthscope would like to partner with UNAVCO on this.
- J. Ryan: ...SERC too
- S. Wdowinski: This should be a voluntary basis and should not be about the needs of the committee but whatever activity can be presented.

- J. Ryan: ...and model should bring together to share, not for coherent curriculum. Short book web vignettes.
- S. Olds: This is good to know and see what models are out there to show online curriculum. Everything wrapped in one unit. Being able to show work in progress. Can pass notes to EOAC to review. General discussion content areas, levels freshman to senior. People on call have lots of focus and background in content but perhaps less experience with modern ways of teaching. Are we trying to create learning science of geodesy, or provide background to graduate students who might join the UNAVCO community? Think of inventory of existing materials and have brainstorming sessions could be useful.
- S.Stamps: Is there progress on the website?
- S. Olds: The website has been set for notes and progress, however it is not designed to gather inventory. (<http://www.unavco.org/cws/workspaces/geodesy-curriculum/>) UNAVCO will work on finding a tool to allow for said inventory.

V. RESESS Report

A. D. Carlson reports that interns have finished a very successful summer. There were quite a diverse amount of projects and support from mentors across several institutions. A joint RESESS-SOARS summary document is final stages of development. In the fall, RESESS supports intern conference attendance and has developed a scholarship stipend. Also, due to NSF, we have been asked to host a meeting of geoscience REU partners before SACNAS. Already working on recruiting process for 2012. This coming summer could have a good crop of returning students.

VI. Conference Planning (a look ahead)

A. D. Carlson - we are in partnership with IRIS and Earthscope to have a presence at conferences, GSA and AGU, together talking about our years, and how we can best represent ourselves. Due to low traffic flow, it has been suggested to combine in one large booth. UNAVCO booth site is currently set to be used as a friendly meeting space for UNAVCO affiliate member institutions site at AGU this year.

Questions/Comments

S.Semken: Will UNAVCO be representing itself at the Science and Engineering Fair in D.C.?

- Carlson: Have not heard about any coordination effort from NSF this year?
- J. Tabor: Each group signs themselves up. Advise that there be as much geosciences represented as possible.
- S.Olds: How much is booth cost?
- J. Tabor: Last year free, this year \$500. Cost to cover inside charges, where last year was held outside.

D.Carlson suggests partnering with Earthscope once again. S. Semken agrees it is a great idea! Suggests sending a couple people from each organization and says UNAVCO and Earthscope should stay in touch regarding this. Earthscope has already been working on a booth space and will connect with UNAVCO to arrange. J. Tabor agrees that this would give the geosciences more visibility.

- B. Reschedule of October Teleconference?
 - 1. Due to GSA Annual Conference attendance, committee moves to postpone next EOAC to Friday, October 14, 2011 at same time, 9a MDT.

Chair, Andy Newman closes meeting at 10a (MDT).

APPROVED