

**Council of Department Chairs
College of the Sciences, Central Washington University
Regular Meeting, September 29, 2005
10:30 a.m., Science 301**

Attending:

Boersma, Stuart F. - Mathematics	Miller, M. Meghan, Dean
Cole, George – Development Officer	Palmquist, Bruce - Physics/Science Education
Darda, David - Biology	Schaefer, Todd - Political Science
Ely, Lisa L. - Geology	Schwing, James L. - Computer Science
Johnson, Kirk A. - Sociology	Stein, Stephanie - Psychology
Kurtz, Martha J. – Chemistry and Science Education	Tolin, Phil – Associate Dean and Chair, Law and Justice
Lillquist, Karl D. - Geography	

Department Reports:

Biology

- The Fall Department Retreat was held Sept. 16. Agenda items included drafting the position announcement for our Cell and Molecular Biology faculty positions, time management, and introductory majors sequence curricular issues.
- Biology welcomes several new and newly assigned faculty members: Jason Irwin, Lucy Bottcher, Robbie Soltz, Dan Selski, Mary-Rose Tahat, and Robert Weaver.
- Ian Quitadamo and Jim Johnson are piloting a new BIOL 101 curriculum this quarter integrating Live Text and inquiry based field projects. Their efforts are partially supported by a CWU SOAR grant. Live Text donated 200 student accounts at \$75/account.
- Mary Poulson attended the American Society of Plant Biologists meeting this summer and presented two posters - one summarizing her most current research on UV-B absorbing compounds in Douglas-fir needles and one concerning incorporation of Academic Service Learning and Civic Engagement into our non-majors plant biology course. The UVB poster was co-authored with 2 Biology undergraduate students.
- Linda Raubeson and students attended two scientific meetings this summer. At the Evolution 2005 meetings she was accompanied by Josh Leigh, a biology student who presented a poster concerning his undergraduate research. For Botany 2005, she was accompanied by Josh Leigh and Rhiannon Peery, a Biology graduate student who gave an oral presentation concerning her graduate research. Linda was co-organizer of a symposium on Comparative Chloroplast Genomics in which she also gave an oral presentation. Josh's participation was partially funded by the NSF Deep Gene program.

Chemistry

- Tim Sorey completed his Ph.D. during the 2005 summer.
- Timothy L. Sorey and John R. Amend published an article titled "A Research-Based Approach to Solving Problems in General Chemistry" in a STEM (Science, Technology, Engineering, and Mathematics)
- The manuscript "Neuro-fuzzy Prediction of Biological Activity and Rule Extraction for HIV-1 Protease Inhibitors" by Razvan Andonie, Levente Fabry-Asztalos, Catharine J. Collar, Sarah Abdul-Wahid, Nicholas Salim was accepted for publication in Proceedings of the 2005 IEEE Symposium on Computational Intelligence in Bioinformatics and Computational Biology. Dr. Andonie and Sarah are in the CWU Computer Science Department.
- Anthony Diaz was invited to present at the International Display Phosphor Workshop at Asia Display '05 in Japan. This was a "cold" invite that came after two manuscripts my group published on the mechanisms of luminescence and degradation in the plasma display blue phosphor. The conference is the first week of December.
- Anthony Diaz gave a research seminar at Gonzaga on 9/2 - "Materials Science Puzzles in Lighting and Display Technology".
- In June Anthony Diaz taught at the University of Oregon "Rock Camp," a one week intensive training session for undergraduates in the theory and practice of solid state chemistry. Undergrad student Kelsey Hoy participated in the camp.
- Eric Bullock and Anthony Diaz did the summer STEP program for high school students. We hosted six students over two weeks in July and August.

- Timothy L. Sorey and John R. Amend published an article titled "A Research-Based Approach to Solving Problems in General Chemistry" in a STEM (Science, Technology, Engineering, and Mathematics) Publication.

Geography and Land Studies

- Thirty first-year REM students and seven Geography/REM faculty members participated in a day-long field trip introducing them to the various resource issues in the upper Yakima River Basin on Sunday, September 25.

Geological Sciences

- Lisa Ely and graduate student Deron Carter had paper accepted for publication in Geomorphology
- Lisa Ely served on NSF site visit review panel of National Center for Earth Surface Dynamics in St. Paul, Minnesota.
- Carey Gazis had an NSF grant funded to conduct study of stable isotopes in groundwater in the Yakima River basin.
- Carey Gazis served on NSF review panel for Earth Surface Processes Program in Washington, D.C.
- Carey Gazis had paper accepted in Journal of Hydrology.
- Paul Hoskin received prestigious Max Hey Medal Award from the Mineralogical Society, awarded annually to a top young researcher in mineralogy and/or petrology. The Mineralogical Society will pay his expenses to attend the award ceremony in London, UK in January.
- Paul Hoskin attended NSF workshop for new faculty in Williamsburg, Virginia.
- Paul Hoskin presented paper on Ellensburg Blue Agates at a Mineralogical conference in Golden, Colorado.
- Wendy Bohrsen was appointed to a two-year term on the NSF review panel for the Mineralogy/Petrology Division at NSF.
- Charlie Rubin and graduate student Grant Logsdon conducted field work on paleoseismology and tsunamis in Indonesia Mathematics

Law and Justice

- Mike Olivero has had a book published in CD form. The complete reference is: Olivero, M. 2005. Juvenile Justice. National Social Science Association: San Diego CA.
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Physics

- Bruce Palmquist, along with three Green River Community College faculty members at, received a three-year NSF-Teacher Preparation Continuum grant. They will study the effects of science and science teaching methods courses on pre-service teachers views of the nature of science and on in-service teacher practices.

Political Science

- Matt Manweller had an abridged version of his article "Examining Decreasing Rates of Voter Falloff in Oregon and California," previously published in State and Local Government Review - reprinted/selected to be in the edited anthology, State and Local Government 2005-06 ed. by Kevin B. Smith and just published (though it has a 2006 copyright) by CQ (Congressional Qly) Press.
- Through her personal connections, Bang Soon-Yoon is having Ms. Shinae Chun, Director of the Women's Bureau, Department of Labor come to CWU for a Women Studies Colloquium on October 6, Thursday. Her talk is on the topic of "How to Prepare for Tomorrow's Job?"

Psychology

- The Psychology Department welcomed 22 new graduate students this year.
- The Department has four new faculty members who are energized and enthusiastic about teaching.
- The Washington State Board of Education unanimously approved our Educational Staff Associate certification programs in school counseling and school psychology under the new benchmark standards.

Science Education

- Martha Kurtz presented a paper at the 4th International Conference on Science, Mathematics, and Technology Education in Victoria, B.C. titled "Environment-based Integrated Learning: Building a Sustainable Future." This paper will be published in the conference proceedings.
- Martha Kurtz and Ian Quitadamo had a paper published in a PT3 Monograph titled "Project CAT."
- Martha Kurtz and Bruce Palmquist will represent CWU Science Education at a statewide Mathematics, Science, and Technology Summit at Gonzaga University on October 6.
- Martha Kurtz attended a statewide Citizen Science Summit hosted by the Washington Department of Fish and Wildlife.

- Martha Kurtz gave a report on CWU's Expanding Your Horizons conference for 5th -9th grade girls to the American Association of University Women at their statewide conference.

Letter of Agreement

Meghan distributed a letter of agreement dated September 14 from Wayne Quirk and Daniel CannCasciato regarding the interim grievance process. Also circulated was the memorandum of understanding regarding sabbatical leave, promotion, tenure and reappointment procedures dated August 25. (This memo was also circulated at the department chairs' retreat.

Faculty Staffing Profile

A COTS 2005-06 faculty staffing profile was distributed for review and comment

Search Committees

Meghan noted that there would be a meeting of search committee members to discuss the search process. She explained the reasons for the time it takes to process form 5 and following approval to negotiate all aspects of the faculty contract, including startup agreement.

Personal Computer Use Agreement

There was some discussion on the COTS personal computer use agreement. The chairs explained that the biggest use is for visiting speakers. Meghan will check with Carmen Rahm regarding wireless authorization.

Electronic Portfolios

The chairs discussed the status of electronic portfolios required for NCATA. Science Education and Math Education are in compliance and Psychology is progressing well. A meeting will take place later this year on this matter.

Call for Nominations - K. Patricia Cross Future Leaders Award

Meghan asked chairs to consider candidates to nominate for the K. Patricia Cross Future Leaders award.

Web Enhanced Courses

Linda Beath took a little time to discuss web enhanced on-line courses. She noted that all colleges are in the process of developing web-based courses. CWU needs to offer choices for students at university centers who want alternative approaches to face-to-face offerings. Of particular interest is the need to develop a Bachelor of Applied Science degree for students with the Applied Science degree. It was noted that some courses work better as distance learning offerings rather than web-based courses. She asked for assistance establishing a three-year plan that articulates when certain courses will be available at off-campus sites.

Off Campus Days for Dean

Meghan advised the chairs that she would be off campus:

- September 29-October 2 (Project Kaleidoscope)
- October 12 and November 9 – Westside commitments
- October 25 – Highline opening and diversity on-line workshop
- October 28-29 – NAS Committee - Irvine, California
- December 14-24 - Vacation