

**Council of Department Chairs  
College of the Sciences, Central Washington University  
Regular Meeting, April 21, 2005  
10:30 a.m., Science 301**

**Attending:**

Barlow, Kathleen - Anthropology  
Boersma, Stuart F. - Mathematics  
Brown, James R. Jr. - Political Science  
Darda, David - Biology  
Ely, Lisa L. - Geology  
Gabriel, Anthony - Geography  
Johnson, Kirk A. - Sociology

Miller, M. Meghan, Dean  
Palmquist, Bruce - Physics/Science Education  
Quitadamo, Ian – Science Education  
Schwing, James L. - Computer Science  
Street, Warren - Psychology  
Thomas, Carin- Associate Dean and Chair, Chemistry

**Department Reports:**

**Anthropology**

- Lene Pedersen was awarded a faculty quarter leave for Winter 2006 to work on combined video and ethnographic materials on Bali to be published as a teaching resource.
- Kathleen Barlow is giving two lectures at the De Young Museum of Fine Arts in San Francisco on Oceanic art to train docents for a major new exhibition that will be presented at the opening of their new museum next fall. She is also giving a paper on inequalities in access to gifted and talented educational opportunities at the biennial meeting of the Society for Psychological Anthropology in San Diego.
- Pat McCutcheon and students from CWU gave a session at the Northwest Anthropology Conference, including 4 co-authored papers.
  - "Resampling Technological and Functional Diversity in the Southern Washington Cascade Mountains Archaeological Record," Patrick McCutcheon, Nicholas Smith, and Meggan Houlihan, Central Washington University
  - "Systematic Pedestrian Survey in the Saddle Mountains of Central Washington, 1998-2004,," Vanessa Minatani, Patrick McCutcheon, Cathy J. Anderson, and Erin Woodard, Central Washington University"
  - "Using Environmental Variables to Investigate the Eastern Saddle Mountain Archaeological Record," Erin Woodard and Patrick McCutcheon, Central Washington University
  - "The Holocene Environmental Data and What It Means for Archaeologists Looking for Early Holocene Epoch Human Land Use," Adam M. Nickels and Patrick McCutcheon, Central Washington University

**Biological Sciences**

- Jeremy Carmichael, 2004 Biology graduate, has been accepted into the medical program at the University of Washington.
- Tom Cottrell attended the PC-ORD Workshop in Blaine, WA, April 14 & 15. This workshop was on the use of ordination and classification software for hypothesis generation and testing using multivariate data.
- Kris Ernest has had an article describing an inquiry-based lab she developed for Ecology classes published in "Teaching Issues and Experiments in Ecology", an online, peer-reviewed publication of the Ecological Society of America.
- Sheldon Johnson has been selected to serve as the Faculty Marshal for the 2005 Commencement Program on Ellensburg campus.

**Chemistry**

- Anthony Diaz has submitted an American Chemical Society – Petroleum Research Fund Grant (ACS-PRF) proposal to support his research
- The external program reviewer for Chemistry, Carlos Gutierrez, submitted a report complimentary to the Chemistry Department.

## **Computer Science**

- Razvan Andonie just had a paper accepted to the International Joint Conference on Neural Networks, 2005.
- Boris Kovalerchuk presented a paper at the 2005 SPIE Defense and Security Symposium.

## **Geological Sciences**

- Jeff Lee is convening a Geological Society of America Penrose Conference, "Kinematics and Geodynamics of Intraplate Dextral Shear in Eastern California and Western Nevada" in Mammoth Lakes, California April 21-26, 2005
- Jeff Lee will be leading a field trip to Owens Valley as part of the Geological Society of America Cordilleran Section Meeting "Large Dextral Offset across Owens Valley, California, from 148 Ma to 1872 A.D.", May 2-4.

## **Physics**

- Andy Piacsek took sound level measurements at Ellensburg High School at the request of one of the nurses.
- Bruce Palmquist just finished his third of three workshops for Auburn School District teachers. The workshops were on teaching science using inquiry.

## **Political Science**

- Need backup – Students to Las Vegas.
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## **Science Education**

- Teaching:
- Bruce Palmquist: Bruce Palmquist's SCED 420 class is organizing an after school science club at Lea Hill Elementary in Auburn. The students will teach six science lessons on Friday afternoons during spring quarter. Nearly 100 children have registered.
- Tim Sorey: Co-development, with Teri Willard of the Math Department, of a new course, SCED 323, Middle Level Math and Science Methods in Winter Quarter of 2005. This is one of the key courses in the newest collaborative minor between the Math Department and Science Education Program, "Middle Level Math and Science Minor".
- Ian Quitadamo: Developed interdisciplinary inquiry curriculum for the Nature Study Area as part of the SCED 301 course. Worked with Kittitas Environmental Education Network (KEEN) and Mt. Stuart Elementary School.
- Scholarship:
- Tim Sorey: Acceptance of publication to the Journal of STEM Education in February. He is the primary author and this paper was part of a set whose overall theme included "High Needs Population in Rural and Urban Areas". The title of his paper is "A Research-Based Approach to Solving Problems in General Chemistry".
- Ian Quitadamo: Three papers accepted for publication or in press: Ian J. Quitadamo and Ryan Campanella. Cougars, Curriculum, and Community: A PBL Curriculum Provides Students with Valuable Interdisciplinary Learning Experiences. The Science Teacher, April/May 2005. Martha J. Kurtz, Mark Oursland, and Ian J. Quitadamo. PT3 Compendium: Project CAT. In press April 2005. Stephen A. Hines, Peggy L. Collins, Ian J. Quitadamo, C. Jayne Brahler, Cameron D. Knudson, and Gregory J. Crouch. ATLes: The strategic application of web-based technology to address learning objectives and enhance classroom discussion in a veterinary pathology course. In press, invited submission to Journal of Veterinary Medical Education, April 2005. Ian Quitadamo: Presentations at Regional and National Meetings: Just-in-Time Technology That Supports Cougar Research Across the Curriculum. Society for Information Technology and Teacher Education National Conference. Mar. 2005 A Quantitative Assessment Model for Measurement of Undergraduate Critical Thinking. National Science Teachers Association Northwest Regional Conference. Nov. 2004 A Quantitative Assessment Model for Measurement of Undergraduate Critical Thinking. Pacific Northwest Higher Education Assessment Conference. May 2004

## **Review of Minutes**

The notes from the April 7, 2005, meeting were approved.

### **CEL – Evening of Recognition – Nomination of Students**

Meghan asked chairs to nominate appropriate students for the CEL Evening of Recognition. Criteria had already been sent to the chairs.

### **Alumni Excellence in Teaching – Nominations of Faculty**

Meghan asked chairs to nominate appropriate faculty for the Alumni Excellence in Teaching Award. The nomination should include a supporting letter or email.

### **Survey of Faculty Expertise**

Meghan noted that she had already surveyed the chairs about compiling of list of faculty expertise to post on the COTS website.

### **Load Plan - Form**

Meghan reminded the chairs to submit their 2005-06 load plans and reminded them to use the load plan form on the COTS website.

### **Prerequisite checking reminder**

The chairs were asked to refer problems they encountered with the prerequisite checking process to the Enterprise Information Systems help desk, TEL 2927, URL <http://www.cwu.edu/~eis/help.html> or email [eishelpdesk@cwu.edu](mailto:eishelpdesk@cwu.edu). Most of the chairs agreed that the process is working for fall, but the Math placement text results are not available. Stuart noted that he would have to make many curriculum changes in order to have them posted on SAFARI.

### **Wireless available for guests**

Wireless can be made open to guests at meetings. At this time it appears that the CPU needs to have Novell loaded to take advantage of wireless. It was noted that another access point is needed in Bouillon.

### **Lab upgrades**

The labs in Bouillon 103 and Hebelier 209 are to be upgraded soon.

### **Diversity Report 2005**

The corrected diversity report was distributed. Meghan noted that the analysis section isn't very meaningful because student data was received late. The report will be revised and posted on the COTS website.

### **NCATE Accreditation Visit**

NCATE is scheduled for an accreditation visit in 2006. Electronic assessments must be in place this quarter. Electronic assessments must be in place now to provide the team a year of assessment data. There will be a three-hour meeting about this May 6 at noon in Grupe Conference Center for program coordinators or chairs. Meghan encouraged the chairs to assess their readiness for this part of the process and report at the next meeting. It was noted that Science Education and Psychology appear to have this under control. In the future the regional accreditation agencies will probably require electronic assessment as well.

### **Faculty Publications**

Carin Thomas asked that faculty submit to her a compilation of books and peer-reviewed journals published in 2004 and 2005 to be posted on the COTS webpage.

### **Budget Requests**

Meghan will be submitting a request to the Provost for the 2006 fiscal year. Department input is solicited, although the extent of new funding is unclear.

### **Prorating Salaries Summer 2005**

The chairs discussed a memorandum of understanding between CWU and the United Faculty of Central signed March 31, 2005, by Daniel CannCasciato and Wayne Quirk. Jim Schwing noted that under the new policy faculty salaries for the 2005 summer session may be prorated considering only individual faculty assignments. Department averaging will not be allowed. This will be difficult for faculty who are teaching only one course that needs 18-20 students to be viable. It was noted that the third item of the agreement allows for some discretion to meet program needs. The policy represents an amalgam of the common procedures among the departments.

#### **Budget Outlook and Planning**

The State budget was approved, as was a preliminary university budget. Allocations to divisions and colleges have not yet been completed. Dean Hall has planning money only.

The dean distributed a list of general education courses offered during the last two years confirming a significant increase in general education offerings. Lisa Ely pointed out that some of the enrollment figures for courses listed in the handout appeared to be missing.

#### **Dean's Schedule**

Meghan reported that she will be out of town finals week and June 17-July 3.