

## **PTLC RESEARCH PROPOSALS**

**PTLC 2006 Cohort:** 6 proposals submitted and 6 accepted

- CU Boulder – 2
- UC Denver – 3
- CU Colorado Springs – 1

**PTLC 2007 Cohort:** 19 proposals submitted and 16 accepted

- CU Boulder – 8
- UC Denver – 6
- CU Colorado Springs – 2

**PTLC 2008 Cohort:** 15 proposals submitted, 15 accepted and 2 extended from 2007 (17 total)

- CU Boulder – 9
- UC Denver – 6
- CU Colorado Springs – 2

**PTLC 2009 Cohort:** 22 proposals submitted, 18 accepted and 4 reapplications accepted (22 total, with 1 accepted applicant declining)

- CU Boulder – 9
- UC Denver – 10
- CU Colorado Springs – 2

**PTLC 2010 Cohort:** 14 proposals submitted, 12 accepted and 5 reapplications accepted (17 total, with 1 accepted applicant declining)

- UC Anschutz – 3
- CU Boulder – 8
- UC Denver – 3
- CU Colorado Springs – 2

## **PTLC FACULTY RESEARCHER DEMOGRAPHICS**

**PTLC 2009 Cohort:** 21 total faculty researchers

- Female: 8 total – 7 tenure track, 1 instructor
- Male: 13 total – 10 tenure track, 3 instructor

**PTLC 2010 Cohort:** 16 total faculty researchers

- Female: 9 total – 5 tenure track, 4 instructor
- Male: 7 total – 5 tenure track, 2 instructor

## **PTLC PROGRESS REPORT MEETINGS**

PTLC 2006 Cohort: 8 meetings occurred

PTLC 2007 Cohort: 6 meetings occurred

PTLC 2008 Cohort: 8 meetings occurred

PTLC 2009 Cohort: 6 meetings occurred

PTLC 2009 Cohort: 6 meetings scheduled

PTLC Faculty Researchers Proposals for 2009 Cohort

Total 21 faculty researchers

All researchers are CU faculty members; none is a President's Teaching Scholar.

PTLC Faculty Researchers Proposals for 2010 Cohort

Total 16 faculty researchers

All researchers are CU faculty members; none is a President's Teaching Scholar.

# University of Colorado at Boulder

## SCHOLARLY WORK

### *Peer-reviewed Journals, Periodicals, and Books*

#### **Art and Art History**

- Haynes, Deborah J. UCB. Book chapter Deborah J. Haynes (author of article and book), "Vocatio," in *Book of This Place* (Pickwick Publications, 2009)
- Haynes, Deborah J. UCB. Book chapter "The Uses of Mindfulness and Contemplative Practices," in *The Dialogue of Art and Religion, Meditation in the Classroom: Contemplative Pedagogy in Religious Studies* (Albany: SUNY Press, forthcoming)
- Haynes, Deborah J. UCB. "Contemplative Practice: Views from the Religion Classroom and Artist's Studio," *ARTS Journal*, Fall 2009

#### **Computer Science**

- Lewis, Clayton. UCB. 2007 Attitudes and beliefs about computer science among students and faculty. *SIGCSE Bulletin*. 39, 2 (Jun. 2007), 37-41.

#### **Ecology & Evolutionary Biology**

- Basey, John. UCB. January 2008 issue of *International Journal for the Scholarship of Teaching & Learning* available online at [http://www.georgiasouthern.edu/ijsotl/issue\\_v2n1.htm](http://www.georgiasouthern.edu/ijsotl/issue_v2n1.htm)

#### **Education**

- Eisenhart, M., & Jurow, A.S. (in press). Teaching qualitative research. In *Handbook of qualitative research*, 4th edition.
- Jurow, A.S., & Eisenhart, M. with Eyerman, S., Gaertner, M., Roberts, S., Seymour, M., Spindler, E., & Subert, A. (under review). Learning to be a qualitative researcher in education.

#### **Electrical & Computer Engineering**

- Mickelson, Alan. UCB. Published: Richard Franzl, Deniz Gurkan, Driss Benhaddou, and Alan Mickelson, "E-Learning Laboratories for Optical Circuits: Separation of Imperfections in Technology and Teaching Methodologies," *International Journal of Modern Engineering*, Spring/Summer 2008 Issue.
- Mickelson, Alan. UCB. Published: D. Gurkan, A. Mickelson, and D. Benhaddou, "Remote Laboratories for Optical Circuits," *IEEE Transactions on Education* 51(1), 54-60, (2008).

#### **Sociology**

- Mollborn, Stefanie, UCB and Angel Hoekstra. Forthcoming in *Teaching Sociology*, January 2010. "'A Meeting of Minds': Using Clickers for Critical Thinking and Discussion in Large Sociology Classes."

### *Peer-reviewed Conferences, International and National*

#### **Applied Mathematics**

- Nelson, Mary. UCB. "Reforming Calculus Teaching: Oral Assessments before Tests." Presented at North American Chapter of the International Group for the Psychology of Mathematics Education. Toronto, Canada. October, 2004.
- Nelson, Mary. UCB. "Calculus I Oral Assessments: Improved Grades, Retention and Calculus II Success." Paper to be presented at the Joint Mathematics Meeting. San Diego, California. January, 2008.
- Nelson, Mary. UCB. "A reform approach to calculus: Improved retention, grades, and conceptual understanding. Presented at the Annual

AERA Conference. Chicago, IL. April, 2007.

### **Communication**

- White, Cindy. UCB. Presentation as part of a panel about Teacher/Scholar Reflection on Teaching Nonverbal Communication at the National Communication Association. November 2008.

### **Electrical & Computer Engineering**

- Mickelson, Alan. UCB. Published: Driss Benhaddou and Alan Mickelson, "Collaborative Research: An Online Laboratory for Optical Circuits Courses," Course Curriculum and Laboratory Improvement (CCLI) Program Principal Investigator (PI) Conference, August 13-15, 2008 (Washington DC).
- Mickelson, Alan. UCB. Published: Alex Awskiewicz, Ideen Taeb, Driss Benhaddou, Deniz Gurkan, Frank Barnes and Alan Mickelson, "A Two Credit Hour Stand-Alone Remote Optics Laboratory," Proceedings of the American Society for Engineering Education Annual Conference and Exposition, Honolulu, Hawaii (June 2007).
- Mickelson, Alan. UCB. Published: Deniz Gurkan, Alan Mickelson, and Driss Benhaddou, "Results of a Collaborative Remote *Optical Circuits* Laboratory," Proceedings of the American Society for Engineering Education Annual Conference and Exposition, Honolulu, Hawaii (June 2007).
- Mickelson, Alan. UCB. Published: Richard Franzl, Deniz Gurkan, Driss Benhaddou, and Alan Mickelson, "E-Learning Laboratories for Optical Circuits: Separation of Imperfections in Technology and Teaching Methodologies," Proceedings of the 2006 IJME-Intertech Conference Session ENT 103-094 (October, 2006).
- Mickelson, Alan. UCB. Published: Driss Benhaddou, Deniz Gurkan, Harshita Kodali, Edward McKenna, Alan Mickelson, and Frank Barnes, "Online Laboratories for Optical Circuits Courses: Effective concept mapping," Proceedings of the 2006 American Society for Engineering Education Gulf-Southwest Annual Conference, Southern University and A&M College, March 2006.
- Mickelson, Alan. UCB. Published: Edward McKenna, Randal Direen, Frank Barnes, Deniz Gurkan, Alan Mickelson, and Driss Benhaddou, "E-Learning Environmental Design of a Distributed Online Laboratory for Optical Circuits Courses," Proceedings of the American Society for Engineering Education Annual Conference and Exposition, Portland, Oregon, June 2005.
- Mickelson, Alan. UCB. Presented "Assessment of Remote "Optical Circuits" Laboratory Using Embedded Measurement Techniques" with Driss Benhaddou at the 2009 ASEE Annual Conference and Exposition, Austin Texas, June 14-17 2009.

### **Mechanical Engineering**

- Hertzberg, Jean. UCB. Presentation at American Physical Society, Division of Fluid Dynamics Annual Meeting, fall 2007

### **Music**

- Cremaschi, Alejandro. UCB. Presentation titled, "Self-Efficacy: A key to achievement and motivation for music students" at the conference of the Music Teachers National Association in Atlanta. April 1, 2009.
- Cremaschi, Alejandro. UCB. Poster presentation titled, "Self-efficacy, practice, achievement and attitudes toward piano in music-major class piano students" at the conference of the Regional College Music Society in Denver. April 3-4, 2009.

### **Sociology**

- Mollborn, Stefanie UCB, and Angel Hoekstra. "Assessing a New Pedagogical Model for Clicker-Based Instruction in the Social Sciences." Presented at Society for the Study of Social Problems 2008 annual meeting on August 1, 2008, Boston.

### **Regional Conferences**

#### **Applied Mathematics**

- Nelson, Mary. UCB. "Calculus I: A Reform Approach." Paper presented at NCTM Regional Conference. Denver, Colorado. November, 2005.

**Art and Art History**

- Haynes, Deborah. UCB. Presentation about contemplative practices at the First Annual Association for Contemplative Mind in Higher Education Conference. Amherst, MA. April 24-26, 2009.
- Haynes, Deborah. UCB. Presentation about the science of meditation at an FTEP meeting, "Teaching Mindfulness Practices." Fall 2009.

**Communication**

- White, Cindy. UCB. Presentation of a paper about student perspectives on learning at the Western States Communication Association. February 2008.

**Program for Writing and Rhetoric**

- Bliss, Ann. UCB. Presentation at the Colorado Telecommunications Conference. April 2007.

**Sociology**

- Mollborn, Stefanie UCB, and Angel Hoekstra. "Assessing a New Pedagogical Model for Clicker-Based Instruction in the Social Sciences." Colorado Learning and Teaching with Technology Conference (COLTT) 2008, Boulder, CO.

**Spanish & Portuguese**

- Becher, Anne. UCB. Presentation: "Is there Life Beyond this Stack of Papers" at the Colorado Council of Foreign Language Teachers on February 16, 2008, in Denver.

*Local Forums, CU Boulder***Computer Science**

- Lewis, Clayton, UCB, with M. Jackson and W. Waite. Presented a paper at a meeting of the Boulder PTLC participants entitled, "Attitudes and beliefs about Computer Science among students and faculty." June 2009.

**Ecology & Evolutionary Biology**

- Basey, John. UCB. Presented a seminar to the Graduate Teacher Program at CU Boulder in September 2007
- Basey, John. UCB. Results will be integrated into lab manuals for General Biology Lab I, General Biology Lab II, General Biology Lab: A Human Approach, and Microbiology Lab

**Geography and Environmental Studies**

- Blanken, Peter, UCB. Presented "Teaching Large Classes" as part of a workshop series to faculty as part of the Geography Faculty Development Alliance. June 15-21, 2008. CU-Boulder.

**Mechanical Engineering**

- Hertzberg, Jean. UCB. Professor Hertzberg coordinated a presentation of learning theories to eight engineering faculty members by CU faculty researcher Sarah Hug, October 2008.

**President's Teaching Scholars Program**

- CU-Boulder Flagship 2030 Task Force Report on Outreach and Engagement

**Spanish & Portuguese**

- Becher, Anne. UCB. Presented "Effective Feedback Techniques for Student Writing" to department in March 2008

**Sociology**

- Mollborn, Stefanie UCB, and Angel Hoekstra. "Strategies for Using Clickers in the Social Sciences and Humanities." Presented at the Colorado Learning and Teaching with Technology Conference on August 12, 2008. Boulder, CO.
- Stefanie Mollborn and Angel Hoekstra. "Pedagogical Practices for Using Clickers in Sociology." Presented to the University of Colorado at Boulder Department of Sociology. December 2008.

- Mollborn, Stefanie, and Angel Hoekstra. UCB. "New Research in the Pedagogy of Learning with Clickers." University of Colorado Conference on Teaching, Learning, and Scholarship in the Third Millennium University, 2009.

# University of Colorado Denver

## SCHOLARLY WORK

### *Peer-reviewed Journals, Periodicals*

#### **Education & Human Development**

- Gabringer, Scott. UCD. Grabinger, R. S., Aplin, C., & Ponnappa-Brenner, G. (2008). Supporting learners with cognitive impairments in online environments. *TechTrends (X)*, January/May, pp. XXX. In Press.

### *Peer-reviewed Conferences, International and National*

#### **Communication and Evaluation**

- Kellar-Guenther, Yvonne. Evaluating training efficacy: A pilot in using delayed evaluations. Presentation at the annual American Evaluation Association Meeting. Denver, CO. November 2008.

#### **Education & Human Development**

- Grabinger, R. Scott UCD, Aplin, C., & Ponnappa-Brenner, G. (2007). Supporting postsecondary learners with disabilities in online environments. Sloan-C Conference, Orlando, FL, November.
- Grabinger, R. Scott UCD, Aplin, C., & Ponnappa-Brenner, G. (2007). Supporting postsecondary learners with disabilities in online environments. Presentation at the m-ICTE2000 conference, Seville, Spain. Refereed.

#### **Medical Oncology**

- Bemis, Lynne UCD, & Burhansstipanov, Linda. "Genetic Education for Native Americans." Presented at the Health Disparities and Social Justice Course on June 24, 2008. Houston, TX.

#### **Music & Entertainment Industry Studies**

- Coe, Judith. UCD. Creativity and Reflection: Expanded Learning in a Singer/Songwriter Ensemble, Paper presented at the International Society for the Scholarship of Teaching and Learning (ISSOTL) Conference 2008. Edmonton, Alberta, Canada. Saturday, October 18, 2008.

#### **Nursing**

- Rapport, Mary Jane. UCD. Rapport, M.J., Rodriguez, J., & Bade, M. (2010). Use of community volunteers to reinforce an educational philosophy in a DPT curriculum. *Journal of Physical Therapy Education*. In Press
- Thompson, Cathy. UCD. "The Effectiveness of Audio and Video Lectures on Knowledge Transfer, Student Engagement, and Student Satisfaction" will be presented at the 2009 ISSOTL Conference.

#### **Pharmacy**

- Turner, Christopher. UCD. A poster abstract will be submitted for presentation at the July, 2008 annual meeting of the American Association of Colleges of Pharmacy
- Turner, Christopher, UCD. "Authentic assessment of pharmacy student learning" will be presented at the 2009 ISSOTL Conference.

### *Local Forums, CU Denver*

#### **Business**

- Bettenhausen, Ken. UCD. Presented preliminary findings to Quality Undergraduate Experience steering committee.

- *Bettenhausen, Ken. UCD. Presented preliminary findings to First Year Seminar Steering Committee.*
- Bettenhausen, Ken. UCD. Plan to present findings to UCD Dean's Council.

#### **Center for Faculty Development**

- Muth, Ellen and Rod Muth. A webpage dedicated to the Scholarship of Teaching and Learning has been added to the website for the Center for Faculty Development. [http://thunder1.cudenver.edu/CFD/virtual\\_cfd/sotl/sotl.htm](http://thunder1.cudenver.edu/CFD/virtual_cfd/sotl/sotl.htm)

#### **Education & Human Development**

- Grabinger, R. Scott UCD, & Aplin, Cary. (2006). The Intersection of Neuroscience and Education. Presented at the Developmental Psychobiology Research Group at the University Health Sciences Center. February 14, 2006. Invited.

#### **School of Medicine**

- Bemis, Lynne UCD. Professor Bemis's students have started a Health Care Disparities Interest Group and have received money to travel to conferences and support their work.
- Bemis, Lynne UCD. Professor Bemis received the Chancellor's Recognition Diversity Award.

#### **Music & Entertainment Industry Studies**

- Coe, Judith. UCD. Singer/Songwriter Ensemble Concerts and Photo Documentary Exhibit held at UCD on April 30, 2008.
- Coe, Judith. UCD. Presentation to Music & Entertainment Industry Studies Department, Faculty Meeting College of Arts & Media, Downtown Denver Campus. Friday, August 15, 2008.
- Coe, Judith. UCD. Presentation to College of Arts & Media, Faculty Meeting. Friday, September 5, 2008.
- Coe, Judith. UCD. Presentation to her department about the ISSOTL conference she attended. October 22, 2008.

#### **Nursing**

- Rapport, Mary Jane. UCD. Presentation about the PTLC at the Department of Physical Medicine and Rehabilitation (PM&R) Faculty meeting. This was presented as part of a discussion regarding professional development and about faculty promotion. The information was shared as part of an overall discussion on how faculty who have a primary emphasis on clinical practice can seek opportunities to learn more about teaching and learning and also get support for research in this area of academic scholarship. Professor Rapport described the program, the financial support, and the other support that can be gained through participation in the collaborative. February 2, 2009.
- Rapport, Mary Jane. UCD. Professor Rapport spoke about the PTLC with her Program Director in a recent meeting by updating the Director on her progress with the manuscript that will soon be submitted. They discussed how the PTLC has helped to provide necessary support for the graduate student and with the motivation to keep moving forward. Spring 2009.

#### **Undergraduate Experiences, the Provost's Office, and the Center for Faculty Development**

- 4<sup>th</sup> Annual Undergraduate Experiences Symposium, focusing on definitions of scholarship and faculty rewards

# University of Colorado at Colorado Springs

## SCHOLARLY WORK

### *Peer-reviewed Journals, Periodicals*

#### **Education**

- Cheesman, E. A., Winograd, G. R., & Wehrman, J. D. (in press). Clickers in teacher education: Student perceptions by age and gender. *Journal of Technology and Teacher Education*.

#### **Mathematics**

- Radu Cascaval, Kethera Fogler, Gene Abrams, and Robert Durham. UCCS. "Evaluating the Benefits of Providing Online Lectures to In-class Math Students." *Journal of Asynchronous Learning Networks*. In Press.

#### **Visual and Performing Arts**

- MacAulay, Suzanne P. UCCS. "Lessons in Material Culture" in *Transformations: The Journal of Inclusive Scholarship and Pedagogy*, Vol. XVIII, No. 2 (Fall 2007/Winter 2008), pp. 120-130.

### *Peer-reviewed Conferences, International and National*

#### **Education**

- Cheesman, E.A. (2009, November). *Reading Skills of Pre-Service Teachers: Closing the Gap in Teacher Preparation Courses*. 60<sup>th</sup> Annual Conference of the International Dyslexia Association Orlando, FL.

#### **English**

- Dew, Debra. UCCS. "Assessing the Impact of Individualized Writing Instruction on Writing Performance and Retention." International Society for the Scholarship of Teaching and Learning. Georgetown University. Washington D.C. November 2006.
- Dew, Debra. UCCS. "Theorizing Agency: Student Narratives of Institutional Critique as Actionable Grounds for Programmatic Change." Thomas R. Watson Conference in Rhetoric and Composition. Louisville, Kentucky. October 2006.
- Dew, Debra. UCCS. "Tracking the Impact of Individualized Writing Instruction on Writing Performance and First-Year Retention." Conference of the Council of Writing Program Administrators. Chattanooga, Tennessee. July 2006.

#### **Geography and Environmental Studies**

- Vogt, Brandon. UCCS. Professor Vogt organized a paper session about Learning Communities at the March 2009 annual meeting of the Association of American Geographers. He also presented a paper entitled, "Measuring the Success of a New Physical Geography-Based Learning Community" at this session.

#### **Organic Chemistry**

- Schoffstall, Allen, Barbara Gaddis, Rosaura Padilla and Steven Horner. "Undergraduate Research in Chemistry: Is It Worth It?" The 20<sup>th</sup> Biennial Conference on Chemical Education. Bloomington, Indiana. July 2008.

#### **Visual and Performing Arts**

- MacAulay, Suzanne. UCCS. "Art history, assessment, and ethnography." MUSE [Measuring Unique Studies Effectively] Conference. Savannah College of Art and Design. February 8-11, 2009.

### *Local Forums, UCCS*

#### **Visual and Performing Arts**

- MacAulay, Suzanne. UCCS. Professor MacAulay will meet with her board of VAPA directors and will take time to discuss the PTLC and my experience as well as the full VAPA Faculty meeting on December 5, 2008.
- MacAulay, Suzanne. UCCS. Professor MacAulay will present the findings from her PTLC research at the MUSE Conference, 8-11 February 2009.
- Smith, Curtis. UCCS. Professor Smith presented “Assessing Creativity” to a Teaching and Learning Center event. April 2009.
- Smith, Curtis. UCCS. Professor Smith gave a presentation about creativity at the Colorado Spring Fine Arts Center during Curiosity Unlimited. December 2009.

#### **Education**

- Cheesman, Elaine. UCCS. Professor Professor Cheesman gave a presentation about her PTLC research project to the Special Education Department. February 19, 2009.

# Networking of the Collaborative Across the Campuses

## INTERCAMPUS SUPPORT FOR RESEARCHERS

### *Provosts involved with PTLC*

#### **CU-Boulder**

- Stein Sture

#### **UC Denver**

- Roderick Nairn

#### **CU-Colorado Springs**

- Margaret Bacon

### *Faculty members involved as advisors to the PTLC*

#### **CU-Boulder**

**Computer Science:** Clayton Lewis

**Sociology:** Stefanie Mollborn

#### **UC Denver**

**Education and Human Development:** Rod Muth, Ellen Stevens

**School of Medicine:** Robin Michaels

**School of Pharmacy:** Christopher Turner

#### **CU-Colorado Springs**

**Visual and Performing Arts:** Kathy Andrus, Suzanne MacAulay

**Geography and Environmental Studies:** Thomas Huber

### *Faculty members involved as coaches and mentors with PTLC*

#### **CU-Boulder**

**Applied Mathematics:** Mary Nelson

**Art and Art History:** Deborah Haynes

**Center for the Arts and Humanities:** Michael Zimmerman

**College of Music:** James Austin, Margaret Berg

**Computer Science:** Clayton Lewis

**Ecology and Evolutionary Biology:** John Basey  
**Education:** Anne Di Pardo  
**Electrical and Computer Engineering:** Alan Mickelson  
**English:** Martin Bickman  
**Integrative Physiology:** Francoise Benay, Dale Mood, Kate Semsar  
**Mechanical Engineering:** Jean Hertzberg  
**Music:** Alejandro Cremaschi, Sue Williamson  
**Physics:** Steven Pollock  
**Research faculty:** Sarah Taylor Hug  
**School of Education:** Daniel Liston, Valerie Otero  
**Sociology:** Leslie Irvine, Stefanie Mollborn  
**Writing and Rhetoric:** Erik Ellis, Rosalyn Zigmond, Anne Bliss, Pat Sullivan

**UC Denver, Downtown Denver Campus**

**Center for Advancing Professional Excellence:** Gwyn Barley  
**Clinical Science:** Joe Huggins  
**Education and Human Development:** Joanna Dunlap, Rod Muth, Ellen Stevens  
**Geography and Environmental Studies:** Deborah Thomas  
**Music and Entertainment Industry Studies:** Judith Coe, Francis Jermance  
**Psychology:** Mitch Handelsman

**UC Denver, Anschutz Medical Campus**

**Medicine:** Carol Kamin, Gretchen Guiton, Robin Michaels  
**Nursing:** Gail Armstrong, Gayle Preheim, Diane Skiba  
**Pharmacy:** Marianne McCollum, Christopher Turner, Robert Valuck

**CU-Colorado Springs**

**Director of Excel Centers and Director of Student Retention:** Barbara Gaddis  
**Education:** Elaine Cheesman  
**Geography and Environmental Studies:** Steve Jennings  
**Institutional Research:** Ted Lamb  
**Music:** Glen Whitehead

### *Support teams for researchers*

#### **2008 Researcher: Suzanne MacAulay, UCCS, Visual and Performing Arts**

- Mentor: Deborah Haynes, Mentor, UCB, Art and Art History
- Coach: Rod Muth, UCB, Education and Human Development

#### **2008 Researcher: Yvonne Kellar-Guenther, UCD, Communication and Evaluation**

- Mentor and Coach: Rosalyn Zigmond, UCB, Writing and Rhetoric

#### **2009 Researcher: Deborah Haynes, UCB, Art and Art History**

- Mentor: Suzanne MacAulay, UCCS, Visual and Performing Arts
- Coach: Clayton Lewis, UCB, Computer Science

#### **2009 Researcher: Curtis Smith, UCCS, Visual and Performing Arts**

- Mentor: Glen Whitehead, UCCS, Visual and Performing Arts
- Coach: Sarah Hug, UCB, ATLAS Research Associate

### *Cross-campus collaborations*

#### **Professors Suzanne MacAulay (CU-Colorado Springs) and Deborah Haynes (CU-Boulder)**

- Professor MacAulay is going host Professor Haynes for a presentation about her work at the CU-Colorado Springs campus

#### **Professor Lynne Bemis**

- Professor Bemis is working as a prospective board member of a “Challenge Grant” the Anschutz Medical Campus and CU-Boulder Department of Biology

## **NARRATIVES FROM RESEARCHERS**

### **Civil, Environmental, and Architectural Engineering**

- Chinowsky, Paul. UCB. “I have been interested in making changes to education for quite a while. It’s something that I think is a problem in my field. Engineering education has fallen behind where it really should be. Improving teaching has been an interest of mine for quite a while, and I have published articles on education. I have also been involved with ASEE [American Society for Engineering Education] for a long time. When I saw the call for proposals, it was timely.”

### **Music & Entertainment Industry Studies**

- Coe, Judith. UCD. “My research assistant is an undergraduate who will graduate this semester and go on to do a master’s degree. He is in my singer/songwriter ensemble and has an interesting story that we are also writing about, together. He has a slight speech impediment, with him since childhood; last semester, it starting showing up in his singing, highly unusual (people who stutter typically can sing without the stutter occurring). I worked with him on carry-over exercises (speech to singing and back; I worked as a music therapist for a few years) and other strategies in our lessons, and encouraged him to seek out a specialist to work with, to fight through it to be able to do his music (which is amazing). He has done that, and has an incredible story to tell. As a result, he believes that his songwriting, creative work, and his developing cognitive understanding of his condition and how that intersects with how he sees his future, is providing him with an enriched opportunity for personal and artistic growth (and I hear it in his singing/songwriting).”
- Coe, Judith. UCD. On her attendance at the ISSOTL conference in Edmonton in October 2008: “I was so pleased at the new contacts I made during ISSOTL in Edmonton. What a wonderful conference... it is a well-kept secret! People are sure resistant to change, innovation and exploration, aren’t they?! We are beginning a campus-wide conversation on the very old school faculty reward system we have in

place on my campus, and having attended this conference helped me clarify my own knowledge about and understanding of SOTL and its significance to students and faculty. Thank you, Mary Ann, for providing me with the travel grant so that I could attend and present!”

#### **School of Medicine, Department of Immunology**

- Cohen, John J UCD. The dissertation of a student of Professor Cohen’s, Lisa A. Rabe, emanated from his PTLC research project. Her dissertation is entitled, “The Game of Science: A Grounded Theory of the Café Scientifique Experience,” and she is preparing publications based on this work.

#### **Sociology and Institute of Behavioral Science**

- Mollborn, Stefanie. UCB. “I like being part of the PTLC because I am able to have conversations about educational research with people from other departments. The conversations are interesting because they include ideas about how to have innovative teaching within the particular constraints of this university, which include large classes and few TAs.”

#### **Program for Writing and Rhetoric**

- Bliss, Ann. UCB. “PTLC participation was also an excellent means of meeting colleagues from the other campuses, which has been a very rare experience in my career at CU Boulder. I believe that more such activities should be fostered, especially as my discussions with faculty from the Medical School (of all places) about their study helped me frame some of my research and my analysis. The PTLC colleagues offered expertise, materials, access to related topics, websites that became useful, etc. I hope my contribution to those colleagues was equally valuable.”

## **CAMPUS OUTREACH**

#### **Music & Entertainment Industry Studies**

- Coe, Judith. UCD. The College of Arts and Media will hold faculty-mentoring sessions during the Spring 2009 semester. Professor Judith Coe of the PTLC will present along with her colleague Professor Mary Connelly. This two-part mentoring session is centered upon the scholarship of teaching and learning. In the first session faculty mentors will present ideas for developing successful teaching and learning strategies while exploring opportunities for enhancing the scholarship of teaching. For the second session faculty mentors will assist participants in developing such things as, course learning objectives, project rubrics, the writing and submission of teaching and learning articles and proposals to present at teaching oriented conferences.

#### **The College of Arts and Media**

- Coe, Judith; Stevens, Ellen; & Muth, Rodney. UCD. The College of Arts and Media has formed a scholarly teaching group that includes PTLC participants

## **COLLABORATIONS WITH PEOPLE FROM OTHER UNIVERSITIES**

#### **Music & Entertainment Industry Studies**

- Coe, Judith. UCD. The Dean of Arts from the University of Alberta wants to do some consulting with Judith on her college's move toward a different arts and music curriculum.
- Coe, Judith. UCD. Two SOTL researchers from the UK, one architecture researcher and one graphic design researcher are looking at threshold concepts in the arts and would like to work with Professor Coe on developing their ideas.

### **Colorado Front Range Consortium**

- Professor Jean Hertzberg (UCB), Professor Janet Casagrand (UCB) and Professor Rod Muth (UCD) will attend a USAFA SoTL Celebration and Workshop in September 2009.

## **A RETURNING RESEARCHER**

### **Electrical and Computer Engineering**

- Mickelson, Alan, UCB. Professor Mickelson was part of the 2007 cohort and worked on a project to develop a formative assessment for an online laboratory in Optical Circuits. He has applied and was accepted to be part of the 2009 cohort with a new project about the content of a single-semester interdisciplinary course designed to prepare the students for fieldwork in a developing region of a developing country.
- As part of his 2009 project, Professor Alan Mickelson, ATLAS faculty member Revi Sterling, and ITP master's student David Espinoza recently traveled through the Napo River basin in the Peruvian Amazon to better understand and facilitate technical community development needs. They will be spearheading an e-education project this fall, involving three communities and expanding to several others. They made a 6 minute and 40 second video vignette (together with the Center for Advanced Engineering and Technology Education (CAETE)) of their Summer 2009 recent working trip (partially funded by PTLC funds, partially by Service Learning, partially by Outreach and Revi Sterling's portion funded by ATLAS) to Amazon Peru. They hope to disseminate their video vignette as widely as possible is to generate interest in problems of the Amazon and support for their Information and Communication Technology for Development (ICT4D) project: The Napo River Project (NapoNet), URL: <http://www.youtube.com/watch?v=X7t71DDNOnY>