President’s Teaching and Learning Collaborative:
The First Five Years

Fall 2010 Report & Index of Participants
The President's Teaching and Learning Collaborative: The First Five Years
Clayton Lewis and Mary Ann Shea, Co-Directors

The President's Teaching and Learning Collaborative was established as a pilot program in 2006, and then as a full program following year. In the five years since, a lot has happened, in the collaborative, and in its environment. Here are some personal reflections on some of these developments.

The Carnegie Foundation for the Advancement of Teaching and Learning has changed its engagement with higher education.

PTLC was inspired by the activities of the Carnegie Foundation. An influential Carnegie monograph by the late Ernest Boyer called for emphasis on the "scholarship of teaching and learning" as a way to increase the value placed on the teaching role of faculty at research universities, and the Foundation mounted a number of initiatives in support of this idea. One of these was an alliance of institutions across the country, into which CU was invited on the strength of our PTLC program. The plans for PTLC were greatly influenced by valuable assistance provided by the Foundation, especially during a visit of CU faculty with Foundation staff in Palo Alto, arranged by Mary Ann Shea. It was clear that the Carnegie name was influential in securing an initial commitment from CU, and was an important benefit for PTLC investigators.

In 2008 Foundation President Lee Shulman stepped down, and was replaced by Anthony Bryk. While no official pronouncement was made of a change of direction, the Foundation spoke through its actions by restructuring its programs aimed at higher education, to focus its efforts on the K12 system, community colleges, and community engagement. The Carnegie Academy for the Scholarship of Teaching and Learning (CASTL), of which PTLC was part, is no longer operating.

While the withdrawal by Carnegie isn't a good thing, it has fortunately had little impact on PTLC. Up to now administrators at CU have felt that what PTLC is doing is valuable enough to support without the visibility provided by Carnegie.

PTLC has enjoyed consistent support from the system and campus administrations.

Administration support for PTLC is divided between the campuses and the system (the system role was a requirement imposed initially by Carnegie staff, who were interested in CU as an example of a multi-campus institution whose practices could be studied.) As I've just said, this support has been steady. Under Shea's direction, PTLC has been careful to document faculty participation in detail, including especially publications. Campus administrators have recognized the value of participation by their faculty and have supported it financially.

PTLC has seen steady interest and participation.

Faculty investigators have ranged from 14 to 20 each year since the pilot year. Numbers of applicants have been somewhat higher, allowing some degree of selectivity when new investigators are added. Happily, though, candidates still have quite a good chance of being accepted.

Referrals from past participants show positive impact.
Several participants have been encouraged to apply to PTLC by colleagues who have themselves participated. This is a wonderful development; as it shows clearly that faculty who have experienced PTLC find it so valuable that they encourage others to seek the opportunity.

PTLC has made adjustments in its operation in response to feedback from participants.

The basic plan for PTLC, in which faculty investigators are supported by faculty colleagues who know something about educational research, and who understand the investigator's discipline, and the whole community gathers from time to time to report progress, and provide mutual support. Participants have repeatedly told us that they enjoy this interaction, and especially the chance to meet and work with faculty from other campuses. Participants have also told us, though, that it is difficult to take the time to get to these all-campus meetings. In response, PTLC has appointed campus PTLC faculty liaisons/coordinators who provide meeting and education research knowledge development opportunities on each campus. We're also exploring the possibility of video conferencing to permit cross-campus interaction without travel demands. And who have themselves been a published researcher, peer reviewed, in PTLC.

PTLC participants are making more progress.

Over the years participants are defining better projects, are completing them more quickly, and are publishing their results more often. We think that some of these improvements are due to changes in PTLC procedure: more structure in the application process, which itself helps candidates get off to a good start; good input from past participants acting as coaches; more recognition and use of the basic coaching principles adapted originally from Carnegie staff; attention to key bottlenecks as revealed by early experience, especially the need for an early application for human research approval; and more good examples of investigators who have made everything work, up through publication.

CU's regents have placed added focus on teaching and learning.

Recently the Board of Regents gave special recognition to the teaching role of faculty, calling for study on the campuses of how this role can be promoted. All signs are that PTLC has developed over its five-year life as a very useful program, fully aligned with CU’s commitment to learning. It’s been great fun being a part of it!

The Collaborative has created a new seminar design with the Anschutz Campus Teaching Scholars Program (as distinguished from the President's Teaching Scholars Program). The plan provides seminars to Anschutz campus faculty researchers currently enrolled in the Collaborative. For example: “Searching the Literature: Pub-Med, Educational Databases, Online Repositories”, “Targeted Needs Assessment/ Introduction to Survey Design”, “Deadline for Curriculum Idea, Background and Plan for Needs Assessment”.

Fall 2010 Addendum attached
The University of Colorado President’s Teaching and Learning Collaborative (PTLC) is an outgrowth of work begun as an institutional participant in the System Program of the Carnegie Academy for the Scholarship of Teaching and Learning (CASTL), 2006-2009. The Collaborative program is continuing to work to improve student learning by supporting faculty members as they engage in research inquiry in classroom teaching.

**Distributed Leadership Model**

Beginning with the 2011 cohort, which had its launch meeting in September 2010, the PTLC moved to a distributed leadership model. System-wide PTLC meetings will be held at the beginning and end of each cohort year. In September we will hold launch meetings, and in May we will have end-of-year meetings. Monthly meetings are being held on the individual campuses. Faculty researchers greatly appreciate the monthly progress report meetings and the related new opportunities such as more closely tailoring the program for the researchers and greater involvement of library resources.

The current campus directors are:

- Anschutz Medical Campus: Mary Jane Rapport, Mary Ann Shea and Clayton Lewis
- Boulder Campus: Clayton Lewis, Stefanie Mollborn
- Colorado Springs Campus: Elaine Cheesman, Kathy Andrus
- Downtown Denver Campus: Joni Dunlap, Rod Muth, Ellen Stevens

**New PTLC Researchers**

**University of Colorado at Boulder**

- Professor Penina Alexrad, Department of Aerospace Engineering Sciences
  - Research project: *Activating Student Learning in Lecture and Homework Through Discourse*
- Professor Douglas Duncan, Department of Astrophysical & Planetary Sciences
  - Research project: *Laptops vs. Paper for Note taking in Class – Which Produces Better Learning?*
- Professor Alison Hicks, University Libraries
  - Research project: *Information Literacy en Español: Content Based Instruction and the Library*
- Professor Diane Martichuski, Department of Psychology and Neuroscience
  - Research project: *The Effects of Clicker Questions on Conceptual versus Factual Learning*
- Professor Lupita Montoya, Department of Civil, Environmental, & Architectural Engineering
  - Research project: *Application of Blackboard for Teaching and Learning Assessment in an Environmental Engineering Course*
- Professor Stacy Saturay, Leeds School of Business
  - Research project: *Lecture Capture and Student Success: Do Recorded Lectures Enhance Learning?*

**University of Colorado Denver, Anschutz Medical Campus**

- Professor Lynne Bemis, School of Medicine
  - Research project: *Developing an Introductory Module about Health Disparities for Medical Students*
- Professor Andy Fine, School of Medicine
Research project: Defining, Developing, and Evaluating Coaching Methods to Teach Communication Skills in the UCSOM Foundations of Doctoring Curriculum

Professor Kari Franson, School of Pharmacy

Research project: Bringing Student Pharmacy Work Experiences into the Curriculum

Professor Kathleen McCartney, School of Pharmacy

Research project: Evaluation of a Prospective Reflection Activity and Its Influence on Learning and Satisfaction in Participants of a Continuing Pharmacy Education Course

University of Colorado at Colorado Springs

Professor Radu Cascaval, Department of Mathematics

Research project: Developing Computational Skills for STEM Majors within the Math Curriculum

Professor Julaine Field, Counseling and Human Services

Research project: The Efficacy of the Counseling Laboratory Sequence

Professor Robert Gist, Department of Physics and Energy Sciences

Research project: Appropriateness of Including On-line Homework in the Instruction of Physics at UCCS

Professor Mandi Sinclair, Department of Health Sciences

Research project: Improving Critical Reading Ability of Athletic Training Graduate Students

www.colorado.edu/ptsp/ptlc/proposals

University of Colorado
President’s Teaching and Learning Collaborative
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INSTITUTIONAL CHANGE

The PTLC is a program that guides faculty to publish research on teaching and learning. Faculty researchers work on educational research in collaboration with a coach and a mentor, and these triads are often made up of faculty from different campuses. Participants also meet as a group with all other researchers, coaches, and mentors six to eight times. At the end of their year with the PTLC, faculty researchers are expected to disseminate their findings through a peer-reviewed journal publication or conference presentation.

During and after their involvement with the PTLC, researchers also discuss their educational research with members of their department and colleagues at other institutions. Faculty researchers make presentations to members of their departments to inform them of the educational research they have undertaken because of the support of the PTLC. Some also give presentations to their colleges or other university institutions. Most faculty researchers are engaging in educational research for the first time, though all have engaged in research within their discipline. Because of their positive experience within the PTLC, participants express their hope that research on teaching and learning will gain esteem within the university.

In this document, you will find concrete examples of the ways the work of faculty researchers has spread beyond the PTLC. All of these examples of the dissemination of research on teaching and learning have potential ripple effects that spread beyond their immediate circumstances. One hope is that the work of faculty researchers generates interest in educational research so that other faculty members begin their own educational research investigations. The ultimate goal is that this research informs and improves education at the University of Colorado.
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 2011 Cohort: 15 proposals submitted, 14 accepted and 5 reapplications accepted (19 total)
- UC Anschutz – 4
- CU Boulder – 11
- UC Denver – 0
- CU Colorado Springs – 5

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 2011 Cohort: 19 total faculty researchers
- Female: 14 total – 9 tenure track, 5 instructor
- Male: 5 total – 2 tenure track, 3 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 occurred
PTLC 2010 Cohort: 5 meetings occurred
PTLC 2010 Cohort: 9 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.

PTLC Faculty Researchers Proposals for 2011 Cohort
Total 19 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. “Contemplative Practice: Views from the Religion Classroom and Artist’s Studio,” ARTS Journal, Fall 2009

Computer Science

Ecology & Evolutionary Biology

Education

Electrical & Computer Engineering

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

Communication

Electrical & Computer Engineering
- 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
• 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).


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

Music

• 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.

• Cremaschi, Alejandro. UCB. Presentation titled, “Self-Efficacy” at the Texas Music Teachers Association annual convention in Dallas. June 2010

Sociology

Regional Conferences

Applied Mathematics

Art and Art History

• Haynes, Deborah. UCB. Presentation about the science of meditation at an FTEP meeting, “Teaching Mindfulness Practices.” Fall 2009.

Communication

Program for Writing and Rhetoric

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

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
University of Colorado Denver

SCHOLARLY WORK

Peer-reviewed Journals, Periodicals

Education & Human Development

Peer-reviewed Conferences, International and National

Communication and Evaluation

Education & Human Development

Medical Oncology

Music & Entertainment Industry Studies
  • Coe, Judith. UCD. Professor Coe will give a presentation about her PTLC research project entitled “Innovation and Narrative: Cloud Technology and Artifact-Driven Assessment in a College of Arts & Media” at the International Society for the Scholarship of Teaching and Learning (ISSOTL) Conference 2010. Liverpool, England, United Kingdom. October 19-22, 2010.

Nursing
  • 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
  • Brown, Kristen. UCD. A poster presentation will be given at the annual meeting of the American Association of Colleges of Pharmacy in Seattle, WA, in June, 2010.
  • Turner, Christopher. UCD. A poster abstract was presented 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

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
- 4th Annual Undergraduate Experiences Symposium, focusing on definitions of scholarship and faculty rewards
SCHOLARLY WORK

Peer-reviewed Journals, Periodicals

Education

Mathematics

Visual and Performing Arts

Peer-reviewed Conferences, International and National

Counseling and Human Services
- Field, Julaine. Professor Field will give a presentation at the American Counseling Association Conference about her project “The Efficacy of the Counseling Laboratory Sequence.” New Orleans, LA. March 2011.

Education

English

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

Visual and Performing Arts

Local Forums, UCCS

Chemistry
- Weiss, David. UCCS. Professor Weiss gave a presentation about his PTLC research project to the Chemistry Department. Spring 2010.

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

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.
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
Anderson Language Tech Center: Mark Knowles, Edwige Simon
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
Engineering-Herbst Humanities: Diane Sieber
English: Martin Bickman
Integrative Physiology: Francoise Benay, Dale Mood, Kate Semsar
Mathematics: Monica Geist
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: Kari Franson, 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
Physics: James Burkhart
Psychology: Andrea Hutchins

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.”

Mathematics

- Cascaval, Radu. UCCS. “Tenure has indeed been a great relief for me and my family. I am sure that being involved with the PTLC has added value to my dossier and to this outcome. Thank you for all you do with PTLC and for your continued support.”

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=X7t71DDNOoY