



## MEMORANDUM

**TO:** Board of Regents

**FROM:** Associate Vice President Kathleen Bollard  
Institutional Research Director Jill Taylor

**DATE:** April 1, 2011

**SUBJECT:** Annual Report on Faculty Sabbatical Assignments

A total of 118 faculty members were on sabbatical assignment during the 2009-10 academic year, 18 for the full academic year, 7 for the calendar year, and 93 for either fall or spring semester. A breakdown of sabbatical assignments by campus and school or college is attached.

Each institution reported that the criteria and approval process for granting a sabbatical assignment was consistent with the Laws (5.B.3.C) and Policies (5-A) of the University of Colorado Board of Regents. Each sabbatical plan was reviewed and approved by the department chair, unit head or advisory committee, dean of the school or college, and the chief academic officer of the campus, who then forwarded the plans to the Office of Academic Affairs. With the concurrence of the president, the plans were submitted to and approved by the Regents.

At each step in the approval process, a campus or system officer verified that the faculty member was eligible to receive a sabbatical assignment and that the plan he or she submitted met the criteria established by Regent Law and Policy and any additional criteria established by the individual campus.

### Eligible Faculty Members

All those granted sabbatical assignments were tenured faculty members with at least six years of full-time service, or, in the case of the Anschutz Medical Campus, tenure-eligible faculty or specialty-track faculty members who had achieved the rank of associate professor or professor and had at least six years of full-time service. All faculty members who had previously received a sabbatical assignment had filed a report documenting the fulfillment of the approved goals of the previous sabbatical plan.

### Criteria

Each proposal for sabbatical assignment describes a work plan that specifies objectives that will: a) enhance the faculty member's professional growth and development of expertise; b) achieve the academic goals of the department; c) enhance the reputation of the University; and d) contribute to the educational experience of students. Additionally, departments or other units must verify the availability of resources to support the sabbatical assignment.

## Examples of research projects carried out in 2009-10

### At UCCS:

- Professor Tom Huber of the Department of Geography and Environmental Studies performed field work for his next book tentatively titled, "Hayden's Landscapes – on the drawings of the great Colorado survey." He also was able to write a significant portion of the manuscript as well as photograph 75% of the landscape drawings to be included in the book.
- Professor Ronald Ruminski of the Department of Chemistry worked with a research group in the Department of Chemistry at the University of North Carolina-Chapel Hill. His research involved preparing six new ruthenium(II) based complexes combining surface binding polydentate ligands and low energy (near IR) chromophores.
- Professor Chia-Jiu Wang of the Department of Electrical and Computer Engineering collaborated with a professor at LungHwa University of Science and Technology, Taiwan on a project to apply Control Area Network (CAN) protocol to a real-time industrial automation. This activity resulted in the development of a new UCCS course, "Power Management of Embedded System," and the beginning of a research collaboration with Chongqing University in China.
- Professor Donald Klingner of the School of Public Affairs served as president of the American Society for Public Administration; during the sabbatical he presented at conferences and meetings in Wellington, New Zealand; San Jose, CA; Las Vegas; and Miami. He also completed the 6th edition of *Public Personnel Management*.
- Associate Professor Tim Chamillard of the Department of Computer Science initiated work on the Colorado History Arcade, a set of Flash games for the Pikes Peak Library District that will teach 4th graders about Colorado history. He also began writing an introductory programming textbook for game developers. His sabbatical activities have resulted in a new Flash Game Development course being taught at UCCS, a contract with the Pikes Peak Library District, and continuing development of his introductory programming textbook.

### At UCB:

- Professor Leonard Baca conducted research on bilingual special education and wrote three chapters for two new books that are in the process of being published. He also wrote a grant to the U.S. Department of Education to prepare Bilingual Special Education teachers. The grant was funded for \$1.2 million and will support the education of 25 master's degree students who will receive an MA degree with a double endorsement in bilingual/ESL and special education.
- Professor Wayne Boss of the Leeds School of Business completed seven articles that have been published or are in the process of being published in journals ranging from healthcare management and information systems to business ethics. Three more papers are under review. In addition, Professor Boss made 12 presentations at conferences in the U.S. and Canada.
- Professor Emily Calhoun of the School of Law conducted research for a book that summarizes and recommends pedagogical approaches for law school research projects.

She also explored materials that will teach law professors to develop practical strategies for raising ethical issues with law students.

- Associate Professor Deborah Hollis of University Libraries conducted research on U.S. and Canadian military wartime correspondence in electronic format and how university and military academic archives are managing and preserving this type of format in their collections. She presented findings at a national conference in Washington D.C. and has four potential articles stemming from the work.
- Professor John Hauser of the College of Engineering and Applied Science spent his sabbatical at the Institute for Systems Robotics in the Instituto Superior Tecnico in Lisbon, Portugal during which he developed new optimization strategies for his Projection Operator Newton Trajectory Optimization approach.

At UCD:

- Professor Fahriye Sancar of the School of Architecture and Planning conducted research in preparation for a manuscript on sustainable tourism landscapes. She also worked on two major grant applications to the European Commission to support child friendly cities as part of an effort to set up a long-term collaborative project involving youth and municipalities. In addition, she worked with a colleague in Turkey to establish a study abroad program.
- Professor Diana Tomback of the Department of Integrative Biology (CLAS) gathered and analyzed data that led to the preparation of seven papers for publication. She also worked on an externally funded research project in Crater Lake National Park in collaboration with two undergraduate students. In addition, Professor Tomback helped organize a symposium in her role as volunteer director of the Whitebark Pine Ecosystem Foundation. This included fundraising, organizing the keynote address, and presenting at the symposium. The proceedings will be published.
- Associate Professor Mary Connelly of the College of Arts & Media participated in a two-month residency at the Cité Internationale des Arts in Paris, France. She focused on developing new work in preparation for a one-person exhibition and on expanding the subject matter of her work. She also created a digital archive of her works.
- Professor Mark Clarke of the School of Education and Human Development spent the majority of his sabbatical as a Fulbright Scholar in Barcelona, Spain at the Universidad Autonoma de Barcelona. He conducted research on educational innovations aimed a low-income, minority, and immigrant youth. He also guest lectured in graduate courses, developed and/or assessed curricula and educational materials used by colleagues, and developed plans for future collaborations with faculty in Barcelona. In addition, Professor Clarke led a four-week research seminar, developed a number of working papers, created course assignments based on his experiences, and submitted four conference proposals.

At AMC:

- Professor James Sikela of the School of Medicine spent three months in the laboratory of a colleague in New Zealand and three months in the U.S. developing research collaborations in the basic and translational science. He also completed work on two publications and was an invited speaker to several genomics-related meetings in New Zealand. The speaking

engagements led to potential research collaborations and contacts in both academics and industry.

- Professor Michael Holers of the School of Medicine sabbatical plan called for continued work on the development of therapeutics for rare genetic disorders affecting children and adults. He has now participated in each stage of the development of the therapeutics from the initial laboratory concept phase through the early state validation for human application.

**University of Colorado Sabbatical Assignment Summary:  
AY 2009-10**

<b>Campus</b>	<b>School/College</b>	<b>AY Sabbatical</b>	<b>Semester Sabbatical</b>	<b>CY Sabbatical</b>	<b>Total</b>
<b>UCB</b>	Arts & Sciences	6	39	5	50
	Business	2	1	0	3
	Education	1	0	0	1
	Engineering	1	4	0	5
	Journalism	1	3	0	4
	Law	0	2	0	2
	Libraries	0	4	0	4
	Music	0	4	0	4
<b>UCB Campus Total</b>		<b>11</b>	<b>57</b>	<b>5</b>	<b>73</b>
<b>UCCS</b>	Business	0	3	0	3
	Education	0	1	0	1
	Engineering	0	3	0	3
	Letters, Arts, & Sciences	2	9	1	12
	Nursing	0	1	0	1
	Public Affairs	0	1	0	1
<b>UCCS Campus Total</b>		<b>2</b>	<b>18</b>	<b>1</b>	<b>21</b>
<b>UCD</b>	Architecture & Planning	0	1	0	1
	Arts & Media	0	1	0	1
	Auraria Library	0	1	0	1
	Business	0	4	0	4
	Education & Human Development	3	1	0	4
	Engineering & Applied Science	1	0	0	1
	Liberal Arts & Sciences	1	9	0	10
<b>UCD Total</b>		<b>5</b>	<b>17</b>	<b>0</b>	<b>22</b>
<b>AMC</b>	Medicine	0	1	1	2
<b>AMC Total</b>		<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>

<b>CU System Total</b>	<b>18</b>	<b>93</b>	<b>7</b>	<b>118</b>
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cc: President, Campus Leadership