



MEMORANDUM

TO: Board of Regents

FROM: Vice President Kathleen Bollard
Analyst Thomas Spahr

DATE: February 21, 2014

SUBJECT: Annual Report on Faculty Sabbatical Assignments

A total of 160 faculty members were on sabbatical assignment during the 2012-13 academic year, 46 for a full year, and 114 for a single semester or portion of the calendar year. 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 were consistent with the Laws (5.B.3.C) and Policies (5-A) of the University of Colorado Board of Regents. A campus officer verified that each faculty member was eligible to receive a sabbatical assignment and that the plan he or she submitted met the above criteria, as well as any additional criteria established by the individual campus. Each sabbatical plan was reviewed and approved by the department chair, unit head, or advisory committee, the dean of the school or college, and the chief academic officer of the campus, who then forwarded the plans to the office of the vice President for Academic Affairs. With the concurrence of the president, the plans were approved by the Regents.

Eligible Faculty Members: All those granted sabbatical assignments were tenured faculty members, or, in the case of the Anschutz Medical Campus, tenure-eligible faculty members who had achieved the rank of associate professor or professor, and all had the equivalent of at least six years of full-time service.

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 2012-13

At CU-Boulder

- Professor John O'Loughlin of the Geography Department received funds from the National Science Foundation to study the relationship between climate change, rainfall, and the risk of violence in sub-Saharan Africa. The sabbatical was spent testing the relationship with new data collected for the region and using new (not yet conventional) statistical methods that have been used in other disciplines but not in geography or political science. The project was published in the Proceedings of the National Academy of Sciences, which served as a launching pad for a follow-up proposal to the National Science Foundation (still pending) and research presentations at the International Studies Association in San Francisco and the Association of American Geographers in Los Angeles.
- Professor Ping Xu of the Environmental Design Department conducted field investigations of landscape settings of petroglyphs in Southwest Europe, drafted a manuscript for a book titled "Petroglyph Setting Patterns in Global Landscapes," and researched on the fortresses in Southwest Europe. The research projects resulted in a new book chapter and a paper. In addition, Professor Xu's research on the fortresses was presented at an international conference
- Professor Tom Riis of the Musicology Department spent his sabbatical analyzing the career of Paul Robeson in Europe between 1927 and 1939. He spent two weeks in London visiting the British Library, the London Metropolitan Archives and the Theatre Archive of the Victoria and Albert Museum. As a result of his research, Professor Riis had a paper accepted for an international humanities conference in January 2014 and has presented at the University of Michigan and the Royal Academy of Music. He will also provide an article on his research to the Center for Black Music Research at Columbia College for a 2015 publication in the *Black Music Research Journal*.
- Professor Kai Larsen of the Leeds School of Business spent his sabbatical at the Norwegian Business School conducting research on the Semantic Theory of Survey Response. His collaborations in Norway led to a deeper understanding of business analytics, a key expansion area for the Leeds School.
- Professor Andrew Cooperstock spent his sabbatical performing and recording existing and newly transcribed works of George Gershwin with violinist William Terwilliger. He performed 20 multimedia concerts and master classes on the music of Gershwin throughout the Southeastern United States and toured throughout the nation of Peru. He also recorded an album of the Gershwin music for Azica Records and started work toward an album of the music of Samuel Barber.

At UCCS:

- Associate Professor Glen Whitehead of the Visual and Performing Arts Department was a faculty curator for the EcoSono Institute in Anchorage, Alaska, where he embarked on new projects involving ambitious field recordings – humpback whales

and the illusive Golden Sparrow – and the development of compositional, improvisation/environmental hybrid creative projects. Out of this came new works that he utilized in other projects, including a collaboration with the Ormao Dance Co., as well as a commission for a new piece by Matthew Burtner, entitled “Golden Sparrow” for trumpet, electronics, and light canister.

- Professor Gene Abrams of the Mathematics Department spent ten weeks at the University of Padua, Italy. He taught a PhD level course on Leavitt path algebras and established a joint research project in that topic with faculty members at Padua. He also spent three weeks at the University of Western Sydney in Australia visiting Professor Roozbeh Hazrat, the leading expert in the graded Grothendieck group of Leavitt path algebras. Professor Abrams also gave lectures at a sponsored meeting at the Banff International Research Station, the University of Victoria (Canada), and the American Mathematical Society in Boulder.
- Professor James Null of the Political Science Department revised his text book, *Colorado's Government – Structure, Politics, Administration, and Policy, Ninth Edition*. He also implemented a new private sector grant received by the Center for the Study of Government and the Individual.
- Associate Professor Sonja Tanner of the Philosophy Department researched and wrote all but one chapter of a manuscript on laughter in Platonic dialogues consisting of six chapters, Introductory, and Concluding sections. One chapter was published in the *Journal of Speculative Philosophy* and another chapter was invited for publication in a forthcoming anthology on comedy and philosophy to be published by SUNY Press. She also presented a chapter at the Front Range Ancient Philosophers' annual meeting and another chapter at Colorado College's Philosophy Colloquium Series.
- Professor Jugal Kalita of the Computer Science Department completed the manuscript for a 340-page book with Dr. Dhurba Bhattachayya entitled, “Network Anomaly Detection: A Machine Learning Perspective,” which was published in June 2013. He also published two papers in *The Computer Journal* based on work done by masters and undergraduate students working in his lab and wrote two papers that were accepted at the Annual Meeting of the National Association for Advancement of Computational Linguistics-Human Language Technologies, Atlanta, 2013.

At CU Denver

- Associate Professor Ajeyo Banerjee of the Business School researched the institutional dimensions of corporations in China, focusing on reverse mergers. His findings suggested that reverse mergers facilitated an alternative listing method that was as effective as the more traditional Initial Public Offering (IPO) process. Results will be presented at professional conferences and submitted to a major academic journal.
- Professor Jonathan Wu of the Civil Engineering Department continued his research on geosynthetic reinforced soil (GRS) technology, exploring the feasibility of GRS

barriers to resist impact loads due to tsunamis, explosives and other large-scale events. He conducted research for the Federal Highway Administration in Washington, DC, and the National Research Council in Taiwan. In addition, he submitted seven research papers for publication, authored six technical reports and founded a new journal.

- Professor Laura Argys of the Economics Department conducted research on the economics of aging and family interactions throughout the lifecycle. She submitted three grant proposals and completed a chapter for an edited book on aging, health-care needs, and family-child relationships among older adults. She also prepared course materials for a course on the Economics of Population and Growth taught at the ICB campus in Beijing last summer.
- Associate Professor Charles Ferguson of the Biology Department studied retention factors for first-year students in the STEM disciplines. His research led to the development of the new Living/Learning Community at Campus Village for pre-health freshmen at CU Denver and the development of new seminars/workshops for students interested in health professions.
- Associate Professor Marie Hastings-Tolsma of the College of Nursing received a one-year Fulbright Award to teach and conduct research in South Africa. She studied midwifery in South Africa and the effects of indigenous herbs commonly consumed by women during pregnancy and birth. She presented her research at several professional conferences. She also developed numerous potential collaborative connections between her host institution in South Africa and the College of Nursing.
- Associate Professor Richard Radcliff of the Department of Pharmaceutical Sciences studied computational and analytical “Next Generation” deep-sequencing methods with a colleague at the BioFrontiers Institute at CU Boulder. He used these methods to analyze DNA data from several strains of mouse and rat, which led to the preparation of several research papers and a multi-year and multi-PI grant proposal for NIH R01 grant funding.

**University of Colorado Sabbatical Assignment Summary:
AY 2012-13**

Campus	School/College	Full-year Sabbatical	Partial- year Sabbatical	Total
UCB	Arts & Sciences	19	59	78
	Business	2	3	5
	Education	0	2	2
	Engineering	11	0	11
	Grad School/JMC/ENVD	1	1	2
	Law	0	3	3
	Libraries	0	4	4
	Music	2	3	5
UCB Campus Total		35	75	110
UCCS	Business	1	1	2
	Education	0	1	1
	Engineering	0	2	2
	Letters, Arts, & Sciences	2	14	16
	Nursing	0	0	0
	Public Affairs	0	0	0
UCCS Campus Total		3	18	21
UCD	Architecture & Planning	0	1	1
	Arts & Media	0	2	2
	Auraria Library	0	1	1
	Business	0	5	5
	Education & Human Development	0	3	3
	Engineering & Applied Science	2	0	2
	Liberal Arts & Sciences	3	7	10
	Public Affairs	1	0	1
UCD Total		6	19	25
AMC	Dental Medicine	0	0	0
	Medicine	0	2	2
	Nursing	1	0	1
	Pharmacy	0	1	1
	Public Health	0	0	0
AMC Total		1	3	4
CU System Total		45	115	160