

SABBATICALS AND PROFESSIONAL LEAVES

1. Faculty

Any tenured member of the University faculty may apply for a sabbatical leave for the purpose of increasing the recipient's professional competence and usefulness to the University. Sabbatical leave time may be used for research, writing or study at a place of the recipient's choosing. University personnel holding tenured faculty rank whose duties are primarily administrative are also eligible for sabbatical leaves. A minimum of six years of academic service at the University must precede each period of sabbatical leave, although no right accrues automatically through lapse of time.

Sabbatical leaves are not ordinarily available for the purpose of obtaining an advanced degree. A faculty member who fails to return to the University for at least one academic year immediately following a sabbatical leave is obligated to repay an amount equal to the net salary received from the University during the leave. Leaves for a full contract year are compensated at a rate equal to 60 percent of the employee's annual salary; leaves for a half-contract year are compensated at the employee's existing rate for the period.

In each case, the teaching responsibilities of faculty on sabbatical leave will be assumed by other faculty, and there will be no reduction in number of courses offered as a result of the sabbatical leave. Requests for sabbatical leave undergo review by the appropriate department head and dean. They are also reviewed by the Office of Academic Affairs.

This year, a total of 44 faculty members and academic professionals requested sabbatical or professional development leaves. Academic Affairs screened these requests and forwarded 42 requests with positive recommendations. Twenty five of the proposals are for single-semester leaves.

College of Agriculture and Natural Resources

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
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Department of Agricultural and Applied Economics

Andersen, Matthew A.	Associate Professor	Fall	2013-2014
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Dr. Andersen will spend his sabbatical leave as a visiting fellow at the Catholic University of Leuven, Belgium. The purpose of the fellowship is to study bibliometric data and techniques, and to develop methods for applying them to analyses of intellectual property and innovation in the agricultural sciences. His work will be in collaboration with scientists at the Catholic University of Leuven, which will enhance the possibilities for research linkages with UW. Professor Andersen also plans to develop coursework in this area.

Department of Animal Science

McCormick, Richard J.	Professor	June 1, 2013-December 31, 2013	2013-2014
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Dr. McCormick will learn new experimental techniques for measurement of pulmonary arterial pressure (PAP) as a diagnostic and prognostic tool for management of high altitude sickness in cattle (Brisket Disease). He will study with Dr. Tim Holt at Colorado State University, School of Veterinary Medicine. Dr. Holt is the world's expert in PAP testing of cattle and its relationship to Brisket Disease diagnosis. Brisket disease is a problem in the Rocky Mountain West, and particularly in Wyoming. This work will bring needed technology to Wyoming in support of cattle producers and breeders. It will also be incorporated into the joint curriculum between Veterinary Sciences and Animal Science.

Department of Ecosystem Science and Management

Reddy, Katta J.	Professor	Spring	2013-2014
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Dr. Reddy will spend his sabbatical semester at Jawaharial Nehru University in New Dehli, India to help rural communities where there is a need for an effective and sustainable arsenic removal technology. Professor Reddy has an international reputation for his work on water quality filtering technologies. The field research will enhance UW's visibility and reputation in water quality as well as improve the health of the affected communities.

Department of Family & Consumer Sciences

Vincenti, Virginia Professor Academic Year 2013-2014

Dr. Vincenti will increase her expertise in aging issues by participating in workshops developed by the Gerontological Society of America and other organizations, and through self-study. She will also develop a graduate curriculum option and a graduate-level family-oriented course on aging. These courses will complement other graduate-level aging-focused courses across campus. During her leave, she will also analyze in-depth research interview transcripts from the first phase of a multistate project on "Elder Financial Exploitation: Impact on Families."

College of Arts & Sciences

Department of Anthropology

Harkin, Michael E. Associate Professor Academic Year 2013-2014

During his sabbatical leave, Dr. Michael Harkin will complete a book titled, "What Would Franz Boas Have Thought About 9/11: Modernity, Pragmatism, and Anthropology." Franz Boas is widely considered the founding father of American anthropology. The project addresses the contributions of cultural anthropology in the modern world, and the preliminary work has been well received in scholarly venues. The research involved in preparing the book represents a new direction and significant "ramping up" of Professor Harkin's scholarship, and promises to attract Ph.D. students to the department and enhance its academic reputation.

Department of Botany

Weinig, Cynthia Professor Academic Year 2013-2014

Professor Weinig's sabbatical research will focus on understanding the genetic basis of water use and yield patterns among crops of *Brassica rapa* (which are domesticated as turnip, bok choy/Chinese cabbage, and a canola variety). She will be in residence at the Marine Biological Labs in Woods Hole, Massachusetts. The residency will enable her to learn identification and evolutionary classification of soil microbial species, which is relevant to crop yields in that microbes affect both plant uptake of nutrients and production of compounds critical to photosynthesis and growth. Professor Weinig's prior and proposed work will provide new insights into the sources of and potential solutions to variability in crop yield.

Department of Geography

Prager, Steven D. Associate Professor Spring 2013-2014

Professor Prager's sabbatical application has two aims: a) to build on collaborations and advance ongoing geographic information sciences research he has initiated with faculty at Addis Ababa University and scientists at several international NGOs, and b) to expand opportunities for students to become engaged in international GIS-related research. Dr. Prager will work at established field sites to further develop geographic information science methods for understanding how the structure of social and ecological networks can be used to understand community resilience to various environmental and economic perturbations. Understanding the linkages between social and ecological systems is an important step in managing natural resources, as effective management decisions increasingly require understanding of the intertwined social and ecological consequences of those decisions.

Department of Geology & Geophysics

Clementz, Mark T. Associate Professor Academic Year 2013-2014

Dr. Clementz will conduct research at the National Museum of Natural History and the US Geological Survey in Menlo Park where he will study the evolution of different feeding strategies within fossil whales. The land-to-sea transition made by whales early on in their evolutionary history represents one of the most extreme examples of mammal evolution. These institutions provide unique access to fossil specimens and analytical methods that are unavailable at the University of Wyoming, and are critical to determining the earliest occurrence of filter-feeding by whales. Knowledge gained from this experience will be invested in the development of similar analytical methods at

UW, as well as the creation of an exhibit on whale evolution, which will be displayed in the University of Wyoming Geological Museum.

Holbrook, W. Steven Professor Fall 2013-2014

Professor Holbrook proposes a half-year sabbatical, to be spent building the new Wyoming Center for Environmental Hydrology and Geophysics (WyCEHG). This new Center, recently funded by the largest competitive grant (\$20 M) in the university's history, will focus on building new infrastructure that will improve our understanding of Wyoming's critical water resources. As the co-Director of WyCEHG, Prof. Holbrook will spend the sabbatical semester constructing the facility, developing policies for its use, and conducting geophysical research in Wyoming watersheds.

Shuman, Bryan N. Associate Professor Academic Year 2013-2014

Professor Bryan Shuman studies the natural climatic factors that cause the availability of water to change from century to century, millennium to millennium, and the impacts that such changes have had on ecosystems (e.g., on forest composition, wildfire) and societies. Two ongoing NSF-funded collaborations include investigating the role of the oceans in shaping patterns of drought with researchers at Woods Hole Oceanographic Institution (WHOI) in Massachusetts, and evaluating long-term drought impacts by studying fossil and archaeological material from the northeast US with faculty at Harvard University. As a visiting scientist at WHOI, Shuman will advance both collaborations, and learn novel and widely applicable organic geochemical techniques being pioneered at WHOI.

Department of Music

Hensel, Larry L. Professor Academic Year 2013-2014

Dr. Larry L. Hensel proposes to gain further experience, artistically and administratively, with nationally recognized Opera Companies that have thriving educational outreach programs for young audiences, and with professional Children's Theatres and Puppet Companies, who tour and perform for audiences similar as does his own program "Opera in a Gym." Opera in a Gym is a successful outreach program which visits many schools, both large and small, in Wyoming. With each proposed site visit to identified companies, Professor Hensel will accompany outreach programs on school visits to observe interactions with school audiences, the educational strategies used, and the organizational work needed for each school visit. Interviews with appropriate administrative personnel regarding publicity, promotion and touring procedures will ensue; thereby presenting a perspective from professional companies that depend upon successful business strategies for survival.

Department of Physics & Astronomy

Tang, Jinke Professor Spring 2013-2014

Dr. Tang proposes to spend his semester sabbatical leave at the Cavendish Laboratory in the Department of Physics at the University of Cambridge. The planned leave will provide him with the important opportunity to exchange ideas and collaborate with experts in the field of superconducting magnetism. Specifically, he aims to investigate the magnetic semiconductor EuO, a novel material which has potential applications in spintronics. He will also conduct joint experiments there. These activities will contribute to establishing the foundation for a new research direction, and the collection and analysis of preliminary data will be the basis for seeking federal funding. Increased research productivity and improved quality of education of our undergraduate and graduate students are anticipated outcomes of the leave.

Department of Political Science

Murdock, Margaret M. Professor Academic Year 2013-2014

After two decades of administrative service, Professor Maggi Murdock will return to teaching and research in the Department of Political Science. She requests sabbatical leave for academic year 2013-2014 for two purposes: (1) To regain currency in areas of public law to teach a variety of public law courses, as well as develop at least one public law course to be delivered statewide, and (2) To complete a research project on the Casper Amoco Refinery remediation and reuse collaborative decision-making process. This sabbatical leave will benefit the department and the University by adding to departmental expertise in areas of public law essential for the delivery of undergraduate and graduate degrees in Political Science, and by documenting and analyzing a unique, community-based collaborative decision-making process in the area of environmental remediation and reuse.

Department of Psychology

Deacon, Brett J. Associate Professor Spring 2013-2014

Dr. Deacon will write a book currently under contract titled, "The panic disorder workbook: Proven strategies for overcoming panic attacks, agoraphobia, and the fear of fear." This book will be used to guide patients seeking treatment for anxiety disorders as they work with therapists using empirically verified treatments. With this project, Professor Deacon will deepen his already significant contributions to the treatment of panic and other psychological disorders.

Penningroth, Suzanna L. Associate Professor Academic Year 2013-2014

Professor Penningroth's sabbatical research will focus on understanding (and improving) memory for intentions, such as remembering to take medication or turn off the stove. She will submit several pending projects for publication (in support of the long-term goal of obtaining grant funding) and will also expand her research to focus more on two new areas: older adults' memory for intentions and motivational mechanisms that boost remembering. With an aging population in the United States, Penningroth's research is relevant to developing solutions for memory loss.

Department of Theatre & Dance

Aragon, Cecilia J. Associate Professor Spring 2013-2014

During her semester sabbatical, Dr. Aragon plans to finish two book projects, complete her four articles in *Science and Theatre Education*, visit and observe professional Children's Theatre companies in Dallas and other cities, and begin writing on the cultural performance and projection of "Latina Divas." Her research, writing, and networking include participation in national professional conferences, serving as guest lecturer, and conducting field research in New Mexico relating to the subjects mentioned above.

Deckert, Jennifer L. Associate Professor Academic Year 2013-2014

During her sabbatical leave, Professor Deckert will perform (dance) professionally and present her choreography in the Czech Republic and surrounding countries. Also, she will further her research on the effects of fatigue on jump performance and dancer wellness. Her projects include a residency at the Duncan Center Dance Conservatory in Prague, Czech Republic, and scheduled performances at the Duncan Theatre.

Department of Zoology & Physiology

Hall, Robert O. Jr. Professor Academic Year 2013-2014

Professor Hall is a limnologist who studies how rivers transport and remove nutrients such as nitrogen and phosphorus. He will visit Duke University to develop field and modeling techniques that use high-frequency data from sensors to measure nitrogen cycling from small streams to large rivers. Duke University faculty members have strengths in biogeochemistry, modeling, and statistics to help support this research. He and colleagues will write two papers on modeling nitrogen chemistry and removal of nitrates in streams and rivers. This research will advance his currently funded projects on nutrient cycling in Rocky Mountain streams.

Rahel, Frank J. Professor Fall 2013-2014

Professor Rahel will conduct research at Meijo University in Japan comparing the effects of invasive fish species on aquatic ecosystems in Japan and the United States. The goal of this collaboration with Japanese colleagues is to identify factors that determine the likelihood that non-native species will become harmful when introduced far outside of their native range. Also, Professor Rahel has been invited to give a talk at the annual meeting of the Ichthyological Society of Japan about his research on fish ecology in Wyoming.

Gender and Women's Studies

Zare, Bonnie Sue Associate Professor Spring 2013-2014

Professor Zare will develop a new gender and world literature course, and will conduct research on an emerging field in India, Dalit (earlier known as "untouchable") women's fiction. The Dalit were traditionally considered so low in Indian society that they were outside the caste system. This new project requires interviews and observations in India and represents an extension of Professor Zare's research on literary debates in South Asia.

College of Business

Department of Economics & Finance

Shogren, Jason F. Professor Academic Year 2013-2014

Dr. Shogren has served as department chair for Economics and Finance for the last three years. He will use this sabbatical leave to reinvigorate his research and write a book on behavioral environmental economics. The leave will provide for intense research and writing, and the focus needed to develop new ideas on the economic dimensions of future challenges facing conservation and development.

Department of Management & Marketing

Drummond, Kent G. Associate Professor Spring 2013-2014

Dr. Drummond will investigate a new set of questions involving the arts and economic sustainability. How do artists and art institutions sustain themselves during economic downturns? How do they sustain the communities in which they are a part? What elements are common to successful arts organizations? His leave will involve visits with the Royal Holloway College, University of London, where he will lecture, and collaborate with others assessing issues of sustainability in the arts.

Rittenburg, Terri L. Associate Professor Spring 2013-2014

Dr. Rittenburg will focus primarily on two research projects in the area of business ethics. The first will examine companies' codes of conduct to identify hyper norms that previous studies have developed as core values for business. The second will be a longitudinal study of companies' compliance with Sarbanes-Oxley regulations regarding company codes of conduct. The hyper norms study entails data collection in China to be conducted through a one-month visit at Tianjin Normal University. The Sarbanes-Oxley study entails time for intensive work with co-authors at the University of New Mexico.

College of Education

Department of Educational Studies

Janak, Edward A. III Associate Professor Spring 2013-2014

While much has been written about the educational philanthropic efforts of the General Education Board and Rosenwald Fund in the Southeastern United States, very little has been written about their work in the West. To produce a series of articles filling this gap (aligning with the University Plan 3 area of distinction in the history and culture of the Rocky Mountain region), Professor Janak plans to conduct archival research in Western states' repositories and university libraries on the educational funding of those two agencies from 1900 through 1950. He will also visit the Rockefeller Archive Center in Sleepy Hollow, New York, to further this research.

Department of Professional Studies

Bolliger, Doris C. Associate Professor Academic Year 2013-2014

For her sabbatical, Dr. Bolliger will obtain skills and knowledge to integrate newer instructional technologies into the delivery of online graduate-level courses and off-campus engagement. Specifically, her main goals will be to: (1) explore newer learning technologies (e.g., synchronous delivery systems, mobile learning devices) and innovative ways in which to integrate them in a variety of learning environments in order to increase her professional competence and usefulness to UW; (2) build relationships and potential collaborative opportunities with colleagues engaged in adopting such technologies outside of the U.S.; and (3) assist a non-profit educational institution in the potential integration of newer, innovative learning technologies for public education and outreach.

Department of Elementary & Early Childhood Education

Johnson, Tricia G. Associate Professor Academic Year 2013-2014

Dr. Johnson's sabbatical project involves collaborative scholarly research and professional development with the UW Outreach School and the University of South Australia's deLissa Research Institute of Early Childhood and Family Studies. The focus of this work is the use of new technologies and on-line pedagogical strategies that promote non-traditional students' connection to content and instructors by improving faculty effectiveness in teaching and mentoring students working in rural early childhood contexts. This work will support UW in understanding

non-traditional student perspectives, increasing program completion rates for distance students, and insuring equity of access for students in rural areas.

College of Engineering and Applied Science

Department of Chemical & Petroleum Engineering

Johnson, Patrick A. Associate Professor Academic Year 2013-2014

Dr. Johnson plans to spend this time collaborating with Professors Hans Griesser and Thomas Nann at the Ian Wark Institute at the University of South Australia. He will be learning new materials characterization techniques to advance his current research program on nanotechnology in medical diagnostics and biomaterials as well as developing a new research area in nanoparticle applications in solar energy. This project will support UW in its efforts to advance the materials science curriculum and research as well as the efforts of the Center for Photo conversion and Catalysis in the School of Energy Resources.

Radosz, Maciej Professor Fall 2013-2014

Dr. Radosz will use this leave to advance the bio delivery materials program through collaboration with the research group of Professor Youqing Shen and others at Zhejiang University in China. The proposed research on bio delivery materials is aligned with UW's priorities for distinction in the life sciences.

Department of Civil & Architectural Engineering

Edgar, Thomas V. Associate Professor Spring 2013-2014

"Introduction to Civil Engineering Systems" was designed as a course to provide sophomores with a guide to the breadth of the field of Civil Engineering. The purpose of this sabbatical is to provide time to intensively interview engineering firms in the state to provide an understanding of common activities performed in an engineering office. These one-to-four day interviews will provide sufficient time to meet with junior and senior engineers, business managers, surveyors, administrative staff, lab and field technicians, drafters, and accountants.

Department of Computer Science

Van Baalen, Jeffrey Professor Fall 2013-2014

During his one-semester leave, Dr. Van Baalen will advance a significant research project in techniques for managing, analyzing, visualizing, and extracting useful information from large, diverse, distributed and heterogeneous data sets so as to accelerate the progress of scientific discovery and innovation. He will also further develop collaborations in this area of research with one of the federal universities in Brazil, Universidade Federal de Goias, increasing the Computer Science department's international exposure.

College of Health Sciences

Division of Communication Disorders

Hardin-Jones, Mary Professor Spring 2013-2014

During her one-semester leave, Dr. Hardin-Jones will engage in self-study of genetics and craniofacial syndromes, and will revise her well-respected co-authored textbook on the etiology of cleft palate and other craniofacial conditions. The revision of this research-based text requires considerable background work in order to bring the text up to date and make it more easily used for instructors of masters level courses in this area. This effort will further Professor Hardin-Jones own effectiveness in teaching this material.

Division of Medical Education and Public Health

Gantenbein, Rex E Professor Academic Year 2014-2015

Dr. Gantenbein's sabbatical will involve in-depth research on telehealth in rural populations. The work will involve investigation into best practices for deploying computer and telecommunications technology to improve care and reduce costs in communities with little or no local access to health services. The research will take place in collaboration with an academic health center or medical school with a currently operating telehealth network.

Professor Gantenbeim will also explore how UW can integrate instruction and research in this area into curricula across campus. At Dr. Gantenbeim's request his sabbatical leave has been postponed one year.

School of Pharmacy

Ren, Jun Professor January 1, 2014 to June 30, 2014 2013-2014
Dr. Ren will collaborate with researchers at Brigham Women's Hospital, Harvard Medical School, and the Department of Cardiology at the Zhongshan Hospital at Fudan University School of Medicine in Shanghai China, to advance his knowledge and skills in translational research. This effort on Professor Jun's behalf is particularly important for the renewal of the Wyoming IDeA Networks for Biomedical Research Excellence (INBRE) grant because the National Institutes of Health is moving the focus of INBRE from pure bench science to clinical and translational research.

College of Law

Romero, Alan R. Professor Fall 2013-2014
Professor Romero will develop a new area of scholarly emphasis focused on rural law and policy. He will also investigate and learn new forms of online scholarship. This will advance one of the action items in the College of Law's academic plan, which is to develop a Rural Law Center. Professor Romero's work will directly advance the Rural Law Center's dual mission of serving rural communities and facilitating scholarship on rural issues.

Smith, Michael R. Professor Spring 2013-2014
Professor Smith plans to research and write a textbook for law students and lawyers that provides guidelines for writing different forms of legal analysis. All of the modern literature on the topic of legal analysis recognizes that legal analysis is not a single mental process, and that lawyers and judges regularly engage in many different types of analysis. Despite the developments in the area of legal analysis, most textbooks on legal writing teach only a single formula or paradigmatic structure for communicating legal analysis in writing.

University Libraries

Coe Reference Department

Mayer, Jennifer Associate Librarian Spring 2013-2014
During Ms. Mayer semester-length professional development leave she will conduct an in-depth analysis of the research needs and behaviors of UW visual and performing arts students and will look at best practices for teaching information literacy to art students at other institutions in the region. The end result will be developing new approaches to teaching information literacy at UW, including the creation of a new upper-division course on information literacy in the arts, and disseminating the results via a peer-reviewed article.

Research & Instruction

Garcia, Jenny L. Associate Librarian May to July 2013 and May to July 2014 2013-2014
During her leave, Ms. Garcia will develop a "tiered" nursing information literacy program. A tiered program supports a form of targeted instruction in several courses that builds the students' understanding and synthesis of nursing literature. This targeted tactic is designed to prepare nursing students for the complex process of Evidence-Based Practice.

Kruger, David D. Associate Librarian Fall 2013-2014
Mr. Krueger will conduct research for an historical book that will address the agricultural contributions of James Cash (JC) Penney and his stores in rural America throughout the twentieth century. This book will be the first of its kind to thoroughly address these aspects of Mr. Penney and his company, and will bring credit to UW in shaping the historiography of an American icon whose vast commercial empire originated in Wyoming. James Cash Penney founded the J.C. Penney stores. The first store was in Kemmerer, Wyoming.

2. Academic Professionals

The purpose of professional development leave is to allow academic professionals to enhance their performance, to conduct special studies, or in some other way to undertake planned activities related in a substantial manner to the individual's role at the University.

To be eligible to apply for professional development leave, academic professionals must have been granted an extended-term contract. Initial requests may be submitted no earlier than the seventh year of academic service. If granted, the leave may be taken no earlier than the eighth year. Subsequent leaves must be preceded by a minimum of six additional years of academic service, although no right accrues automatically through lapse of time. Other conditions for professional development leave are generally those that apply to sabbatical leave for faculty.

An academic professional who fails to return to the University for at least one academic year immediately following a sabbatical leave is obligated to repay the amount of compensation received from the University during the period of his or her leave.

College of Arts & Sciences

<u>Name</u>	<u>Rank</u>	<u>Period</u>	<u>Year(s)</u>
<i>Department of English</i>			
Bergstraesser, Paul	Associate Lecturer	Fall	2013-2014
Fiction writer Paul Bergstraesser will write the bulk of a novel that further explores the comic misadventures of a trio of Wyoming characters. This novel, tentatively titled <i>Off the Road</i> , is a sequel to Bergstraesser's current novel in progress, <i>Code of the Worst</i> . Together the novels will present a look at the contemporary West that deviates from—and perhaps even counters—traditional notions of the American West and its characters. His project will enable him, also, to explore fictional technique in the context of genre fiction—allowing him to expand UW's creative writing offerings for students.			
Heaney, April M.	Associate Lecturer	Spring	2014-2015
During her semester professional development leave, April Heaney, director of Synergy and LeARN and a member of the English Department, will investigate the transfer of critical reading and higher-order thinking skills between courses among academically at-risk students in UW's Synergy Program. Heaney will gather primary information through surveys and interviews with 150 students, and undertake a comprehensive study of current research on learning transfer. Her research will inform UW, national scholarly and practical conversations on how to improve underprepared students' ability to transfer both critical reading and analysis skills into new courses and career contexts. At Dr. Gantenbein's request his sabbatical leave has been postponed one year. At Ms. Heaney's request her sabbatical leave has been postponed one year.			
<i>Department of Modern & Classical Languages</i>			
Person, Mark W.	Associate Lecturer	Spring	2013-2014
Mark Person plans to translate German naturalist Georg Forster's <i>Ansichten vom Niederrhein</i> (Views of the Lower Rhine, 1791-1794). This lengthy work (around 1500 pages) has never been translated into English, but will be of great interest to American scholars, especially those involved in research on Alexander von Humboldt, who was probably the most famous scientist of his day and who was greatly influenced by Forster's work. Information from this and other translation projects will also be the basis for the development of an interdisciplinary course on "Humboldt and the Art of Science."			
<i>Science & Math Teaching Center</i>			
Parker, Sylvia D.	Senior Lecturer	Spring	2013-2014
Sylvia D. Parker's semester-long professional development leave is designed to bolster her work in place-based education and expand it to include sustainability education (place-based sustainability learning). Place-based education is teaching and learning that focuses on local knowledge and experience. Spending time visiting schools where place-based education has been successful and sustained and other schools in which place-based sustainability learning is just beginning will give her the basis for improving current course offerings, creating a new interdisciplinary			

course/seminar and developing new materials and approaches that can be incorporated into a variety of courses and workshops at UW.