Class of 2012-2013: New tenured/tenure-track faculty joining Oregon State University

Molly Megraw

Molly Megraw, Assistant Professor, joined the Department of Botany and Plant Pathology in September 2012. Dr. Megraw completed her PhD at the University of Pennsylvania School of Medicine in 2007, and was a Post-doctoral Fellow at Duke University until summer 2012. Dr. Megraw is a systems biologist with a current research focus on the analysis of over-represented microRNA-Transcription-Factor regulatory network structures using Arabidopsis thaliana as a model organism. Her research will include both dry- (computational) and wet-lab components to elucidate regulatory regions on a genome-wide scale. Her overall scientific goal is to understand how small RNAs and Transcription Factors work together in living cells. She will teach graduate and undergraduate level courses. She anticipates supervising graduate students in Computer Science as well as MCB.

Elizabeth Tomasino

Elizabeth comes to Oregon State University from New Zealand. Her academic background includes microbiology, winemaking, sensory science, chemistry and food science. She earned a B.S. in Biochemistry from the University of New Hampshire, M.S. in Food Science from Cornell University and Ph.D. in Oenology from Lincoln University in New Zealand. Besides her studies she has also worked for several wine companies including E & J Gallo, Yalumba and Robert Mondavi. These experiences have helped fuel her interest in applied wine research. Her doctoral research focuses on flavour and
aroma chemistry of regional New Zealand Pinot noir in conjunction with Pernod Ricard NZ. Her work has been presented at the 61st National Conference of the American Society for Oenology and Viticulture, the 7th & 8th International Cool Climate Symposium (ICCS) for Viticulture and Oenology and the 2011 Romeo Bragato Conference, as well as many technical and industry workshops. In 2011 she was awarded the Sensory and Consumer Sciences Silver Celebration Ph.D. Scholarship from the Institute of Food Technologists. Earlier awards include the Danisco Knowledge Awards for the creation of a Moschata butternut squash pie product. She is excited to be a part of OSU and continue research in oenology as well as teach the next generation of winemakers and wine researchers.

Brett Tyler

Brett Tyler joined Oregon State University in December 2012 as Director of the Center for Genomic Research and Biocomputing with an academic home in the Department of Botany and Plant Pathology. Dr. Tyler received a PhD from the University of Melbourne, Australia in 1981, after which he was a Post-doctoral Associate at University of Georgia, and then a Research Fellow at the Australian National University. He then became a tenuretrack Associate Professor at UC Davis in 1988, and Professor in 1994. In 2002 until 2011 he was Professor at the Virginia Bioinformatics Institute, Virginia Tech.

Dr. Tyler’s research is focused on the systems biology of microbe-host interactions, with a focus on the interactions of oomycete pathogens with their hosts. This research spans molecular biology, structural and functional genomics, bioinformatics, data mining and mathematical modeling.

Joy Waite-Cusic
Joy Waite-Cusic is a food microbiologist. Her research focuses on determining the prevalence and transfer of foodborne pathogens throughout food production processes and method development and validation to support the improved detection of these pathogens. She obtained her Ph.D. From the The Ohio State University and spent two years with the Food and Drug Administration as a Commissioner's Fellow in the Office of Regulatory Affairs in Bothell, WA. Dr. Waite-Cusic is a member of the Department of Food Science and Technology, and she will be teaching undergraduate and graduate courses in a variety of aspects of food safety.

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**College of Business**

**Huichi Huang**

Huichi Huang is an Assistant Professor of Accounting. She received her B.A. in Accounting from the National Chengchi University, Taiwan; her MBA from Chung Yuan Christian University, Taiwan; and her Ph.D. in Accounting from Syracuse University, NY. She teaches Advanced and Financial Accounting.

**Seunghae Lee**

Seunghae Lee will join the DHE faculty from Purdue University where she has been teaching and conducting research in Interior Design. Dr. Lee received her B.S., and M.S. degrees from Yonsei University in Korea and her Ph.D. in Facilities Design and Management from Michigan State University. Dr. Lee’s research focuses on healthcare design, sustainability issues in interior design, and technologies for design. Her recent work on developing digital visualization technology for use in understanding how older adults navigate interior spaces has been published in the International Journal of Architectural Research.

**Kuan-Chen KC Lin**

Kuan-Chen (KC) Lin is an Assistant Professor in Accounting. He received his B.S. in Accounting from the National Cheng-Chi University, College of Commerce in 2000; his MBA in
Finance from the National Taiwan University, College of Management in 2005; he was an exchange student at the University of California, Los Angeles, Department of Statistics from 2005-2006; and he received his Ph.D. in Accounting from Arizona State University, WP Carey School of Business in 2012. He teaches Financial and Cost Analysis. His research interests are in equity and debt pricing of accounting information and earnings quality and quality and informativeness of financial analyst forecasts and management earnings guidance.

Marina Puzakova

Marina Puzakova is an Assistant Professor of Marketing. She received a Minor with Diploma in Organizational Communication with honors from Voronezh State Technic University, Russia in 2004; her B.S. in Business Economics and Management with honors from Voronezh State Technical University, Russia, in 2006; and her Ph.D. in Marketing from the Department of Marketing from the LeBow College of Business, Drexel University in 2012. Her teaching areas and interests are Consumer Behavior, Marketing Strategy, Integrated Marketing Communications, Advertising Management and Research, Electronic Commerce, Principles of Marketing, and Marketing Research. Her research areas and interests are Brand Inference/Anthropomorphization, Firms’ Crisis Management and Brand Performance and International and Cross-Cultural Branding.

Bret Scott

Bret Scott is an Assistant Professor of Accounting. He received his B.A. in Accounting from the College of Business and Economics, Western Washington University, Bellingham, WA, in 2001; his Master of Accounting from Leventhal School of Accounting, University of Southern California, Los Angeles, CA, in 2002; and his Ph.D. from the Mays Business School, Texas A&M University, College Station, TX, in 2012. Bret teaches Accounting External Reporting. His courses of study included: SAS Programming, Statistics, Econometrics, Capital Markets Research in Accounting, Analytical Accounting Research, Behavioural Accounting Research, Theoretical Corporate Finance Research, and Empirical Corporate Finance Research.

Inara Scott

Inara Scott is an Assistant Professor of Global Business Analysis. She received her AB, Duke University, Phi Beta Kappa, Summa Cum Laude, History, Certificate in Women’s Studies in 1994; her MS, Recreation and Leisure Studies, State University of New York at Cortland in 1996; and her JD, Northwestern School of Law of Lewis and Clark College, Summa Cum Laude in 2000. Inara is an accomplished legal professional with ten years of practice in environmental, regulatory, energy, and business law.

College of Earth, Ocean, and Atmospheric Sciences
Lauren Juranek

Specialty: Dissolved gases, isotope biogeochemistry, marine biological pump, and marine carbon cycle. Dr. Juranek received her Ph.D in Chemical Oceanography from the University of Washington.

Emily Shroyer

Dr. Shroyer’s research is primarily focused on small-scale processes, such as turbulent mixing, internal gravity waves, and current dynamics, in the coastal ocean and at high latitudes. She works with both in situ data and process-oriented modeling to explore questions regarding how complex topography, tidal, and wind forcing influence circulation, transport of heat and freshwater, and mixing. She is particularly interested in identifying pathways by which water is mixed, and how small-scale dynamics feed back into the large-scale flow and influence the local environment.

College of Education

Wendy Aaron

Wendy’s research interests involve secondary mathematics instruction and practice-based teacher education. Related to secondary mathematics instruction, she is interested in studenting, or the work that students do in instruction. Further, she is interested in how the teacher, students, and mathematical content shape studenting. By understanding the forces that influence studenting, she is concerned with expanding the opportunities that students have to engage with mathematical ideas and practices. Related to practice-based teacher education, Wendy is interested in how prospective teachers can be supported in learning how to do ambitious teaching. Toward this end she has worked with the Geometry Reasoning and Instructional Practices research group at the University of Michigan in the development of LessonSketch (www.lessonsketch.org). LessonSketch is an online environment for practice-based professional development which allows users to study and create representations of instruction.

Randy Bell
Dr. Bell joins OSU as Associate Dean and Professor of Science Education in the College of Education. His science background includes a BS in Botany from Marshall University and a MS in Forest Ecology from Duke University. Dr. Bell interest in sharing science with others led him to earn a teaching license and then teach science for six years in Lakeview, OR, where he was recognized as the Oregon Science Teachers Association’s “New Science Teacher of the Year.” Eventually, Dr. Bell’s interest in educational research and science teacher preparation led him back to graduate school, where he earned the PhD in Science Education at OSU and subsequently accepted a position at the University of Virginia in 1999. For the past 13 years, Dr. Bell has been heavily involved in teaching preservice teachers, providing professional development for practicing teachers, and research and development related to teaching and learning about the nature of science and scientific inquiry. The author of more than 100 articles, chapters and books, he has just completed his term as president of the Association for Science Teacher Education.

Jana Bouwma-Gearhart

Dr. Bouwma-Gearhart received her doctorate in Curriculum & Instruction (2008) and her master’s in Science Education (2003) from the University of Wisconsin-Madison. Dr. Bouwma-Gearhart was formerly a researcher for the Center for the Integration of Research, Teaching and Learning (CIRTL) and the Wisconsin Center for Educational Research (WCER), both for which she studied the effects of teaching professional development programs on science, technology, engineering, and mathematics (STEM) graduate students, postdoctoral researchers, and faculty. Afterwards, she spent four years as an assistant professor at the University of Kentucky where she co-founded the new department of STEM Education and served as the Secondary Science Program Faculty Chair, co-director of the STEM Innovation Laboratory, and co-director of the STEM Teacher Training Unit of the Partnership Institute for Mathematics and Science Education Reform. Her most recent research focus concerns faculty motivation to participate in interdisciplinary endeavors to improve postsecondary STEM education, and the effects of their participation, specifically at Association of Public and Land Grant Universities. She also studies pre-service science educators’ response to modeling-based inquiry curriculum and instruction.

Michael Giamellaro
Michael Giamellaro joins the faculty of the College of Education as an Assistant Professor of Science Education at the OSU-Cascades campus. Dr. Giamellaro earned his MS in Science Curriculum and Instruction and his PhD in Educational Leadership and Innovation at the University of Colorado Denver. In the interim between those degrees he taught secondary science in Colorado and New York City. Dr. Giamellaro completed his BS in Wildlife and Fisheries Biology and Management at the University of Wyoming and worked for the U.S Fish and Wildlife Service before shifting his energy to science education. His current research explores facilitated science learning in authentic environments, such as what occurs in extended, immersive field courses. Dr. Giamellaro has also been heavily involved in research of instructionally sensitive assessment.

Felisha Herrera

Felisha A. Herrera is an Assistant Professor with the Community College Leadership Program in the College of Education at Oregon State University. Her doctorate is from the University of California, Los Angeles (UCLA) with a specialization in Higher Education and Organizational Change. She has also obtained degrees from UCLA (M.A.), University of New Mexico (M.A. & B.A.), and the University of New Mexico, Taos Branch Community College (A.A.S.). Her scholarship is informed by her educational trajectory, eight years of professional experience in student affairs and administration within the two- and four-year sectors of higher education, and as a collegiate part-time faculty member. To inform organizational and system-wide change, her research employs a critical examination of institutional structures, processes, and policies with a specific emphasis on promoting postsecondary outcomes for underrepresented racial minority students. She has developed this research agenda through several strands of scholarship including a focus on the two-year colleges; student mobility; and science, technology, engineering and math (STEM) fields. She is published in top tier educational journals, such as the American Educational Research Journal.

Daniel Stroud

Daniel has a Bachelor of Science in physical education and health. His Master's degree, from Clemson University, and Ph.D., from the University of New Mexico, are in Counselor Education. Stroud's research interests primarily focus on counselor training and supervision, Group Work, as well an emerging focus on eco and equine facilitated psychotherapy, for which he is currently submitting a grant proposal to fund equine facilitated work with Veterans experiencing post-traumatic stress.

Karen Thompson
Karen Thompson joins the College of Education as an Assistant Professor in the area of Cultural and Linguistic Diversity. She has more than a decade of experience working with English learners in public schools around the country as a bilingual classroom teacher, school reform consultant, and after-school program coordinator. Her research addresses how curriculum and instruction, teacher education, and policy interact to shape the classroom experiences of English learners in K-12 schools. She holds a Bachelor’s degree in English and American Literature from Brown University, a Master’s in Education from the University of California, Berkeley, and a Ph.D. in Educational Linguistics from Stanford University.

Eric Weber

Eric Weber is an assistant professor of mathematics education in the College of Education. He earned his Ph.D. from Arizona State University. His research currently consists of characterizing student learning in the context of undergraduate mathematics courses with a focus on functions and derivatives. Weber will be teaching undergraduate, masters and doctoral courses for mathematics, science, and free choice learning students in the College of Education.

College of Engineering

Meghna Babbar-Sebens

Dr. Babbar-Sebens received her PhD from the University of Illinois at Urbana Champaign in Civil and Environmental Engineering. In addition, she spent two years as a postdoctoral researcher in Agricultural and Biological Engineering at Texas A&M University. Dr. Babbar-Sebens’ research interests lie in the area of Water Resources and Environmental Systems Analysis. Her research program develops and employs multiple hydroinformatics approaches to (a) improve the understanding of higher-order human-environment interactions in water-based systems, and (b) support human-computer collaboration for integrated, adaptive, and sustainable management of complex water-based systems. Her teaching interests include water resources systems analysis, watershed hydrology, groundwater hydrology, stochastic hydrology, hydraulic engineering, groundwater modeling, water quality modeling, water resources engineering, environmental risk assessment, machine learning methods for engineering design, water
resources planning and management, numerical methods, hydroinformatics, heuristic optimization, and other related areas.

Joe Baio

Joe Baio received his Ph.D. in Chemical Engineering from the University of Washington, Seattle and joins the faculty of the School of Chemical, Biological and Environmental Engineering after completing a NSF Postdoctoral Research Fellowship at the Max Planck Institute for Polymer Research. His research is focused on the development of analytical methods to solve protein structures at biomaterial surfaces (i.e. implants, sensors, etc.) and the label-free detection of chemical biomarkers within tissues.

Andre Barbosa

Dr. Barbosa joined the Oregon State University from the University of California – San Diego. He also spent some time in Portugal as a tenure-track assistant lecturer at the Universidade Nova de Lisboa. His industry experience in design of buildings and bridges, prior to joining the PhD program at UCSD, serves as the foundation for his current research and teaching interests. Dr. Barbosa’s research interests include performance-based earthquake engineering, nonlinear structural analysis, risk analysis, multi-hazard loss estimation, assessment of robustness and resilient design of structures (reinforced concrete, steel, and timber), high-throughput computing, and virtual reality modeling of structures. His teaching interests include structural analysis, structural dynamics, structural reliability and risk analysis, probabilistic methods applied to engineering, and performance-based earthquake engineering.

Javier Calvo-Amodio

Javier Calvo-Amodio, Assistant Professor in Industrial Engineering, has completed all the requirements for his PhD in Systems and Engineering Management and will receive his degree in December from Texas Tech University. He served as instructor of record while a graduate student at Texas Tech. Previously he served as Institutional Effectiveness Director Mexico and IE Academic Program Director at Tecnológico de Monterrey. He also has worked as Quality Assurance Chief at Bachoco, the largest poultry company in Mexico. Javier’s research interests include transition-phase management in healthcare, lean and six sigma environments, creative
problem solving, engineering and systems management, engineering economics and STEM education focusing on ethics and philosophy.

Eduardo Cotilla-Sanchez

J. Eduardo Cotilla-Sanchez is an Assistant Professor of Electrical and Computer Engineering at Oregon State University. He is part of the Energy Systems research group housed at the Wallace Energy Systems and Renewables Facility (WESRF). He earned the M.S. and Ph.D. degrees in Electrical Engineering from the University of Vermont in 2009 and 2012, respectively. His primary field of research is the vulnerability of electrical infrastructure, in particular, the study of cascading outages. Part of his research has been developed through collaborations with Sandia National Laboratories and IBM Watson Research Center among others. He is a member of the IEEE Task Force on Understanding, Prediction, Mitigation and Restoration of Cascading Failures.

Chin Eseonu

Chinweike (Chin) Eseonu joins the school of Mechanical, Industrial, and Manufacturing Engineering after completing doctoral studies in Systems and Engineering Management at Texas Tech University. His research interests include technical entrepreneurship, lean process improvement, and change management – with recent focus on applying concepts from the physical laws of diffusion to facilitate change in social systems. He holds a B.S. in Mechanical Engineering from the University of Ottawa and M.S. in Engineering Management from the University of Minnesota - Duluth.

T. Matthew Evans

Dr. Evans joined Oregon State University from the Department of Civil, Construction, and Environmental Engineering at North Carolina State University where he was an Assistant Professor from 2006-2012. Prior to joining NCSU, he received MS and Ph.D. degrees at the Georgia Institute of Technology. Dr. Evans was a practicing engineer working on alternative approaches for waste encapsulation, before starting graduate school. Dr. Evans’ research interests include granular mechanics, image analysis, numerical methods, and unsaturated soil mechanics, with applications to renewable energy, multiphysics problems, waste isolation, and sustainable infrastructure. His work is broadly multidisciplinary and has applications in fields
such as materials handling, pharmaceuticals, biomechanical engineering, physics, and geology. Dr. Evans is an enthusiastic teacher with interests in both fundamental and applied topics. He may teach courses in topics such as granular mechanics, numerical methods, signal analysis/inverse problems, laboratory methods, and alternative energy.

Ross Hatton

Ross Hatton, Assistant Professor in Mechanical Engineering, received his doctoral and master's degrees in Mechanical Engineering from Carnegie Mellon University, and a bachelor's degree in the same from the Massachusetts Institute of Technology. Dr. Hatton's research interests lie at the intersection of robotics, mechanics, and biology. His work includes both motion models for snakes and snake robots, and development of fundamental mathematical tools for the study of locomotion.

Burkan Isgor

Dr. Isgor joined the Oregon State University from Carleton University, Ottawa, Canada, where he has been an Associate Professor of Civil Engineering and held teaching and research achievement awards. Before joining academia, Dr. Isgor gained significant industrial experience as a finite element software developer specialized in structural engineering and materials science applications. Dr. Isgor’s research and teaching interests include materials science of cement and concrete, corrosion, electrochemistry, computational materials science, and non-destructive model-assisted testing of materials and structures.

HW Chris Lee

Dr. Lee received his Ph.D. in Civil and Environmental Engineering at University of California, Berkeley. Before joining Oregon State University’s staff, he has had seven years of construction experience in commercial building and heavy civil sectors, including 3 years with Shimmick Construction Co. in California. Dr. Lee has developed an expertise in cost estimating, construction field management, project scheduling, and cost control. Dr. Lee’s research interests include project risk analysis and management, lean construction, building energy efficiency
investments, sustainable project financing and development, alternative contracting strategies, integrated design management, and assessment of LEED implementation. His teaching interests include project management and control, lean construction, construction estimating, construction field management, construction project scheduling and cost control, and financial management for construction.

Arun Natarajan

Dr Natarajan’s research is focused on mm-wave and sub-mmwave integrated circuits and systems for high-speed wireless communication and imaging. He received the B.Tech. degree in electrical engineering from the Indian Institute of Technology, Madras, in 2001 and the M.S. and Ph.D. degrees in electrical engineering from the California Institute of Technology (Caltech), Pasadena, in 2003 and 2007, respectively. From 2007 to 2012, he was a Research Staff Member at IBM T. J. Watson Research Center, NY and worked on mm-wave phased arrays for multi-Gb/s data links and airborne radar and on self-healing circuits for increased yield in sub-micron process technologies. Dr. Natarajan received the National Talent Search Scholarship from the Government of India [1995-2000], the Caltech Atwood Fellowship in 2001, the Analog Devices Outstanding Student IC Designer Award in 2004, and the IBM Research Fellowship in 2005, and serves on the Technical Program Committee of the IEEE Radio-Frequency Integrated Circuits (RFIC) Conference.

Karl Schilke

Dr. Schilke completed a Ph.D. in Chemical Engineering at Oregon State University in 2009, and received a B.S. in Food Science from OSU in 2004. For the last three years, he has worked as a Postdoctoral Researcher on biocompatible surface coatings in the School of Chemical, Biological and Environmental Engineering. Dr. Schilke’s research interests include development of peptide-based bioactive surface modifications for biomedical devices, and applications of immobilized biomolecules in microreactors and lab-on-chip devices. He previously spent several years in the Bay Area and Portland, and has worked as a network engineer and systems administrator for Cisco, NASA and Electric Lightwave.

Bill Smart
Bill Smart is a roboticist, interested in how robots and humans interact with each other, and how we can get robots to improve their performance over time. His recent work has looked at how to build effective robot control interfaces for persons with quadriplegia and other severe motor disorders, interleaving autonomous operations with direction from the human to allow them to use the robot as a body surrogate. His work is broadly interdisciplinary, and includes on-going collaborations with legal scholars, anthropologists, performing artists, and neurosurgeons. He holds a PhD and ScM, both in computer science, from Brown University, and MSc in Intelligent Robotics from the University of Edinburgh, and a BSc (hons) in computer science from the University of Dundee. Prior to joining OSU, he was on the faculty in the Department of Computer Science and Engineering at Washington University in St. Louis for twelve years. He is very happy to now be living in Oregon.

Hector Vergara

Hector A. Vergara, Assistant Professor of Industrial and Manufacturing Engineering, recently received a Ph.D. in Industrial Engineering from University of Arkansas. He completed his undergraduate studies in 2002 at Universidad San Francisco de Quito in Ecuador. He then attended Oregon State University and in 2005 received a Master of Science in Industrial Engineering. Back in Ecuador, Hector worked as an Industrial Engineering Instructor at Universidad San Francisco de Quito for two and a half years. His research interests are focused on the application of methods and tools of operations research to problems in the fields of transportation, logistics and distribution, supply chain design and optimization, facility location, and network design.

Haizhong Wang

Dr. Wang joined the Oregon State University from the Trine University, Angola, Indiana where he worked as assistant professor with the Reiners Department of Civil and Environmental Engineering. Before joining Trine University, he spent a short time as a research associate with Institute for Multimodal Transportation at Jackson State University, Jackson, Mississippi. His experience in the operation, planning, modeling, and simulation of multimodal transportation system serves as the foundation for his current research and teaching interests. Dr. Wang’s research interests include the mathematical modeling and simulation of the multimodal transportation system at varying levels (macroscopic, mesoscopic, and microscopic), stochastic modeling and
probabilistic predictions, traffic flow theory and optimization, transportation system analysis and planning, emergency management and disaster response. His teaching interests include transportation engineering, transportation system analysis, traffic flow analysis and control, highway engineering, stochastic process and its application to engineering.

Julia Zhang

Dr. Julia Zhang received her Ph.D. degree in electrical engineering from The Ohio State University in 2010. Her doctoral research was in the area of electric machine design, electric drive control and power electronics for various renewable energy conversion applications such as HEV/EV and wind power generation, aircrafts starter/generator. She joined Ford Motor Company in 2010 and was leading design and development of electric machine drive and power electronics control strategies and specifications for Ford’s future advanced hybrid electric vehicle programs and electric vehicle programs.

College of Forestry

Jeffrey Hatten

While I have lived in several small towns in the Puget Sound region I consider myself from Port Orchard, Washington. I graduated with a BS in Environmental Science from Western Washington University (1999). In 2007 I graduated from the University of Washington with a PhD in Forest Soils after which I was a postdoc with an organic geochemist in CEOAS at Oregon State University (2007-2009). I have spent the last three years in Starkville, Mississippi as an Assistant Professor at Mississippi State University in the Department of Forestry (2009-2012). My research focusses on forests soils in managed settings that include intensively managed forests, prescribed fire, and other less intensively managed settings. My wife and I happily live in north Corvallis with our 2½ year old daughter and recently born fraternal twins (daughter and son).

Thomas Hilker
Thomas Hilker is an Assistant Professor at Oregon State University in the College of Forestry (FERMS). He obtained his PhD from the University of British Columbia, in 2008 where he also worked as a Post-doc between 2008 and 2011. Between 2011 and 2012 he has been an Assistant Research Scientist at NASA’s Goddard Space Flight Center, in Greenbelt, MD. Thomas holds a MSc from the University of Stuttgart (Germany) and a BSc from the University of Göttingen. His research is focused on remote sensing of the terrestrial carbon and energy cycle. Thomas spent much of his academic career studying spatial and temporal dynamics of plant physiological responses to a changing environment working with data from temporally continuous tower based systems to discrete, global datasets available from satellite platforms. Thomas has extensive experience also with airborne and terrestrial LiDAR to study plant functional relations and canopy structure. Another research interest of his is the study of temporal and spatial dynamics of land-use change and disturbance using fusion techniques of remote sensing observations from sensors with complementary spatial and temporal characteristics.

Ben Leshchinsky

Ben Leshchinsky is an Assistant Professor in the Department of Forestry Engineering, Resources and Management. Prior to working at Oregon State University, he received a MS and PhD in Geotechnical Engineering from Columbia University and a BS from University of Delaware. His research interests include slope stability, unpaved roadway construction, numerical modeling of soil structures, and applications of geosynthetics. His upcoming work will involve ground improvement techniques relevant to various Forestry applications and issues. He looks forward to collaborative teaching and research involvement in the Department of Forestry Engineering, Resources and Management as well as the Department of Civil Engineering.

Michael Nelson

Michael P. Nelson is an environmental scholar, writer, teacher, speaker, consultant, and professor of environmental ethics and philosophy. He holds the Ruth H. Spaniol Chair in Natural Resources and serves as the Lead Principle Investigator for the HJ Andrews Experimental Forest Long-Term Ecological Research program at Oregon State University. He is the philosopher in residence of the Isle Royale Wolf-Moose Project, the longest continuous study of a predator-prey system in the world. Michael is the co-founder/co-director of the Conservation Ethics Group, an award-winning environmental ethics
consultancy group fusing ethics with social and ecological science, and serves as a senior fellow for the Spring Creek Project for Nature, Ideas, and the Written Word.

**Laurie Schimleck**

Laurence “Laurie” Schimleck, Head of the Wood Science and Engineering department, College of Forestry, comes to OSU after 10 years at the Warnell School of Forestry and Natural Resources (WSFNR), The University of Georgia. A native of Australia, Dr. Schimleck received his BS and PhD in forestry at the University of Melbourne and worked at the Commonwealth Scientific and Industrial Research Organization (CSIRO), Division of Forestry and Forest Products for almost 6 years before moving to the US. Dr. Schimleck has taught courses in wood anatomy and technology, dendrology and has also been involved with local and international (to south east Queensland) study tours. His research interests include the application of near infrared (NIR) spectroscopy for the rapid estimation of wood properties of Pinus taeda, examination of the wood quality of pernambuco (a rare Brazilian wood exclusively used for the manufacture of high quality string instrument bows), monitoring the moisture content variation in wet-stored logs, felled trees and standing trees using time domain reflectometry (TDR) and the examination of silvicultural treatments on the wood properties of P. taeda. While at UGA Dr. Schimleck served as the coordinator of WSFNR’s Graduate student program and was the co-director and, later director, of the Wood Quality Consortium (an industry funded group that investigates the effects of silvicultural activities on wood quality in the USA). Dr. Schimleck is a Fellow of the International Academy of Wood Science and is an Associate Editor for the IAWA (International Association of Wood Anatomists) Journal.

**Christopher Still**

Christopher Still holds a Ph.D from Stanford University and conducted his postdoctoral research at UC Berkeley and the National Center for Atmospheric Research. Before coming to Oregon State, he was an associate professor in the Department of Geography at UC Santa Barbara. His research integrates modeling and measurements and has many aspects related to climate and global environmental change. This research is focused on the role of clouds in the ecological structure and function of forests, on the global biogeography and biogeochemistry of C4 grassy vegetation, and on linkages between the carbon and water cycles at a range of spatial and temporal scales. He just moved to Corvallis with his wife and daughter and two dogs, where they are greatly enjoying the local options for hiking, biking, and eating!
Natchee Barnd

Natchee Barnd (Ojibwe) is a comparative and critical ethnic studies scholar interested in the intersections between ethnic studies, cultural geography, and indigenous studies. His research focuses on issues of race, space, and indigenous geographies. Dr. Barnd is working to publish his first book on the use of Indianness in the production of social and cultural spaces. He also writes on pedagogy, contemporary media, and popular culture, and has begun comparative work on the spatiality of indigeneity in English settler colony nations (Australia, New Zealand, Canada, and the United States). Dr. Barnd has worked extensively with on-campus cultural centers, with a special emphasis on combining scholarship, mentoring, and community building. Before joining Oregon State University he taught at a number of schools, including San Francisco State University and UC San Diego. Dr. Barnd earned PhD and Master’s degrees in Ethnic Studies from UC San Diego, an MA in American Indian Studies from UCLA, and a BA in Ethnic Studies and Philosophy from Sonoma State University.

Kathleen Bogart

Dr. Bogart got her undergraduate degree at LSU, her MA at San Francisco State, and PhD at Tufts this past May. Her research focuses on the psychosocial consequences of facial movement disorders, such as facial paralysis and Parkinson's disease, as well as social functioning interventions for individuals with facial movement disorders. She has won the William Randolph Hearst award at SFSU. Her work has been featured by a variety of media outlets, including NPR and the New York Times.

Bradley Boovy

Bradley Boovy completed his M.A. in Spanish at Tulane University and his Ph.D. in German Cultural Studies at the University of Texas at Austin. His research focuses on homophile publishing in the 1950s, histories of sexuality, and the public sphere. Other areas of interest include literary studies, LGBT and queer studies, and visual culture. He is originally from New Orleans.
Hilary Boudet

Hilary Boudet earned her BA in Environmental Engineering and Political Science from Rice University in 2001 and her PhD in Environment and Resources (with Sociology minor) from Stanford University in 2010. She is currently a Postdoctoral Scholar at the Stanford Prevention Research Center in the Stanford University School of Medicine, and Director of Research for the Millennium Alliance for Humanity and the Biosphere. Dr. Boudet’s research interests include the environmental and social impacts associated with energy development and public participation in environmental and energy decision-making. Her dissertation focused on community mobilization around proposals for liquefied natural gas (LNG) facilities. To conduct this research, she received a grant from the National Science Foundation Science and Society and Sociology programs. Dr. Boudet’s book, Putting Social Movements in Their Place: Explaining Social Opposition to Energy Projects in the US, 2000-2005, co-authored with Douglas McAdam, was recently published by Cambridge University Press.

Julia Bradshaw

Julia Bradshaw is an Assistant Professor in Digital Photography and Videography. Born in Manchester, England Julia spent nine years living and working in Germany before moving to the United States. In Munich she studied photography with Michael Jochum as part of Projekt Fotografie and attended workshops at Salzburg College and Fotoinitiative FLUSS in Wolkersdorf, Austria. She holds a BA in communication from Santa Clara University and an MFA in Photography and Video Art from San José State University (2008). Julia’s research and creative activities include using "photography and video to problem-solve and comment on issues of the everyday; such as language, social-issues or being an artist." Julia’s most recent artwork focuses on “book-ness” in which she has researched library collection policies and the reasons behind library book- vandalism. The photographs for this work employ a reductive color perspective done so that there is emphasis on the effect of the human hand leaving marks on books. An enthusiastic community service member, Julia was a co-founder of The Book Arts Jam at Foothill College, involved in ZERO1 – San Jose’s arts and technology festival, and has served on the Board for the western region of the Society of Photographic Educators. Prior to coming to OSU, Julia was an assistant professor at California State University, Fresno.

Rachel Brinker
Rachel Brinker joins the Schools of Language, Culture, and Society as an Instructor in Women Studies. She earned her Master's Degree in Women Studies from Oregon State University in 2012. She has taught Women Studies courses at OSU for two years as a graduate teaching assistant and looks forward to continuing teaching courses for Women Studies and SCLS. Her research interests are centered on gendered dynamics of environmental issues, and she plans to develop a new topics course this year on Gender, Power, and the Environment.

Seth Crawford

Seth was raised by logger-hippies in an electricity-less log cabin in the Kalmiopsis Wilderness of Southern Oregon. He studies energy issues, globalization, and the power structure of policy-planning organizations. He's very excited to be back at OSU after a half-decade away teaching at Willamette University and an unmentionable school 45 minutes south of Corvallis.

Qwo-Li Driskill

Qwo-Li Driskill is a writer, performer, and activist. Qwo-Li is the author of Walking with Ghosts Poems and the co-editor of Queer Indigenous Studies: Critical Interventions in Theory, Politics and Literature as well as Sovereign Erotics: A Collection of Two-Spirit Literature, which won the 2012 Pathfinder Award from the Wordcraft Circle of Native Writers and Storytellers, a Silver Medal from the Independent Publisher Book Awards, and was a Lambda Literary Award Finalist. Qwo-Li’s scholarship focuses on Queer/Two-Spirit Indigenous Studies, Indigenous performance rhetorics, and decolonization. Qwo-Li received a PhD in Rhetoric & Writing with a concentration in Cultural Rhetorics from Michigan State University in 2008, was an Assistant Professor at Texas A&M University from 2008-2012, and is now teaching Queer Studies in the Women Studies program at OSU.

Daniel Faltesek

Daniel Faltesek, Assistant Professor in Social Media, received his Ph.D. in Communication Studies from the University of Iowa in 2011. Daniel has a background in broadcast television
both in production and as a fill-in weather reporter. His research focuses on the “media convergence and the ways in which publics are understood to form around these new platforms.” Daniel’s dissertation examined television as it has evolved from the analog broadcast format into an interactive digital cloud and hopes to further this study so that it addresses concerns in rhetoric, media and production studies about the development of the digital sphere. As a “media maker,” Daniel has an active record of producing documentary and experimental film although in his solo work he is currently moving more towards interactive media. Daniel will be teaching courses in social media, new media, social influence of media and media production.

**Erin Gallagher**

Erin Gallagher, Assistant Professor in Organizational Communication received her Ph.D. in Communication from Washington State University in 2010. Her primary research interest focuses on organizational socialization processes in which she has reconceptualized the new employee as a source of uncertainty for established organizational members. Other research areas of focus include organizational socialization processes utilized for friendship maintenance among coworkers, and the portrayal of an organization’s diversity information to potential employees engaged in information seeking processes. Erin will teach undergraduate and graduate courses in organizational communication, research methods, small group communication and communication theory.

**Stephanie Jenkins**

Jenkins specializes on 20th-century continental philosophy (especially French), feminist philosophy, disability studies, critical animal studies, and ethics. Stephanie Jenkins received her BA in Philosophy at Emory University in 2003, her MA in Philosophy from Pennsylvania State University in 2007 and her dual Ph.D. in Philosophy and Women's Studies from Pennsylvania State University in 2012. Her dissertation, Disabling Ethics: A Genealogy of Ability, argues for a genealogy-based ethics that departs from traditional bioethical approaches to disability. In the fall of 2012, she will be teaching classes on Ethics and Philosophical Methods. In her spare time, she enjoys spending time outdoors (hiking, biking, and running), baking, and listening to live music.

**Amy Koehlinger**
Koehlinger specializes in North American religious history; American Catholicism; religious embodiment; and methodological issues surrounding the application of ethnographic methods to historical research and writing. Dr. Koehlinger’s research focuses on the culture of American Catholicism, historical intersections of religion and social reform in the United States, and the construction of gender within American religious traditions. Her first book The New Nuns: Racial Justice and Religious Reform in the 1960s (Cambridge: Harvard University Press, 2007) documents the involvement of Catholic women religious in racial justice programs during the civil rights era, exploring how activism in this “racial apostolate” transformed sisters’ ideas about gender and power and influenced the reforms they implemented in their own religious congregations in the wake of the Second Vatican Council. The New Nuns won the 2009 Eric Hoffer Prize in the category of Culture and was a finalist for the Hoffer Grand Prize.

Jinying Li

Jinying Li (Assistant Professor) earned her MA and Ph.D. in Film and Media Studies at the University of New York (2012). She holds an MA from Peking University and a Master’s Degree in biotechnology from the University of Texas/Austin. Her research focuses on film, animation, and digital culture in the current transnational/trans-media context, with a specialization in contemporary Asia and global/international film. Her essays on Asian film, piracy, and digital media have been published in Mechademia, The International Journal of Communication, and Film International, and will appear in a forthcoming issue of Inter-Asia Cultural Studies. A current book project, Global Geekdom, considers animation culture and fandom activities. She is also a filmmaker, and has been a consulting curator for China Millennium Monument Museum of Digital Arts (CMoDA) in Beijing.

Daniel López-Cevallos

Daniel López-Cevallos is Associate Director of Research for the Center for Latino/a Studies and Engagement (CL@SE) and Assistant Professor of Ethnic Studies. Before coming to OSU, he was Assistant Professor of Community Health at Western Oregon University (2008-2012). Dr. López-Cevallos earned his PhD in Public Health at OSU and his MPH and BS degrees from Universidad San Francisco de Quito, Ecuador. His research interests include Equity in Health & Health Care, Migration and Health, Governance in Health Systems, and Healthy Environments. Dr. López-Cevallos has worked in public health projects with rural, indigenous, and low-income communities in Ecuador, and with Latino immigrants in Oregon. In 2008, the Global Forum for
Health Research and The Lancet selected him as a Young Voice in Research for Health. He is a member of the International Society for Equity in Health and the American Public Health Association.

**Kristin Macuga**

[Image of Kristin Macuga]

Dr. Macuga got her B.S. from James Madison University in psychology, and her PhD from the University of California at Santa Barbara in Cognition, Perception, and Cognitive Neuroscience. She has most recently been a postdoctoral researcher at the University of Oregon. Her research interests are in the area of engineering psychology and multisensory perception. Among other things, she has studied perceptual processes associated with driving.

**Cari Maes**

[Image of Cari Maes]

Cari Maes received her PhD in History from Emory University in 2011. She also holds a Master of Arts in Latin American and Iberian Studies from UC Santa Barbara. Her research focuses on the linkages between development and child and maternal welfare and public health programs in twentieth-century Brazil. She is the recipient of a Fulbright IIE grant and has been published in the Journal of Latin American Studies. Currently, she is teaching in the Anthropology Department and is program coordinator for OSU's Food, Culture, and Social Justice Program.

**Kenneth Maes**

[Image of Kenneth Maes]

Kenneth Maes comes to OSU after completing a postdoctoral fellowship at Brown University’s Population Studies & Training Center. His current research focuses on international health, including the impacts of public health interventions, the roles of community health workers and volunteers, and interplay between cultural and biological change. As an undergraduate, he studied physical anthropology at the University of California, Santa Barbara and African archaeology at the University of Ghana. He then attended Emory University, where he completed his PhD in anthropology in 2010. Since 2006 he has worked on multiple projects in Ethiopia, including studies of AIDS care volunteers, women and water insecurity, polio eradication, and maternal and
newborn survival. Dr. Maes joins the Anthropology faculty in the School of Language, Culture and Society.

Christopher Nichols

Nichols specializes in American intellectual, cultural, political, and foreign policy history from the Gilded Age and Progressive Era through the twentieth century, with a focus on political ideas and the U.S.'s role in the world. Before coming to Oregon State University, Nichols was the Andrew W. Mellon Postdoctoral Fellow in U.S. History, Department of History, University of Pennsylvania, and was Postdoctoral Fellow in U.S. History at the Institute for Advanced Studies in Culture at the University of Virginia. Previously, he studied at Harvard College, Wesleyan University, and the University of Virginia, where he received his M.A. and Ph.D. in History (May 2008). During his time as an instructor at UVa Nichols was honored to receive three awards for outstanding teaching, nominated and selected by both students and faculty and at Penn Nichols was pleased to be nominated by students for two more teaching awards.

Elena Passarello

Elena Passarello (Assistant Professor) holds the MFA from the University of Iowa (2008) and a BA from the University of Pittsburgh. Her creative non-fiction essays on pop culture, music, the performing arts, and the natural world have appeared in Slate, Creative Nonfiction, Normal School, Ninth Letter, and the Iowa Review, among other publications. Her debut nonfiction collection, Let Me Clear My Throat (Sarabande 2012), explores the human voice in popular performance, and she co-wrote a series of devised nonfiction monologues for the 2012 music writing anthology Pop When the World Falls Apart (Duke University Press). For her creative work, she has received fellowships from the MacDowell Colony, the Hambidge Center for the Creative Arts, and the University of Iowa Museum of Art. In addition, she has served as a consultant for a low-residency MFA program at Murray State University.

Ehren Pflugfelder

Ehren Pflugfelder (assistant Professor) holds a Ph.D from Purdue University (2012) and an MA from Case Western Reserve (2005). His research takes place at the interdisciplinary nexus of professional/technical writing, rhetoric, new media studies, and composition. He is at work on a book project that examines connections between rhetoric, mobility, and technology. It argues that from the design of complex technical projects to our everyday uses of mobile devices, we
are immersed in a network of subtle arguments that affect a host of issues including health, wealth, and the environment. He has recently published essays on pedagogical devices in the post-historical university, transportation technology and user feedback, and phenomenology and gender in motorsport in journals such as College English, the Journal and Technical Writing and Communication, and the Journal of Sport & Social Issues.

Christopher Sanchez

Chris Sanchez was born in Elgin, IL (just northwest of Chicago) and completed his undergraduate degree in Psychology at the University of Illinois at Chicago in 2001. Later that same year, he began graduate school (also at the University of Illinois at Chicago) working with Dr. Jennifer Wiley in the Cognitive Psychology program. After graduating, he accepted a position at Arizona State University in the Cognitive Science and Engineering program, where he was promoted to Associate Professor in the Spring of 2012. His research focuses on cognitive abilities in complex domains and the human factors of using technology. His hobbies include hiking, playing the guitar, video games, and golf.

Elizabeth Sheehan

Lily Sheehan (Assistant Professor) has a Ph.D. from the University of Virginia (2011) and a BA from Yale University. Her research and teaching interests are in late-19th and 20th century American, African American, and British Literature, with a focus on modernism, visual and material culture, critical race studies, and woman and gender studies. She is working on a book project, tentatively entitled “Modernism à la Mode,” which brings together texts, images, clothing, and fashion theory to argue that fashion defined the terms and reception of modernism’s pursuit of the new and its investment in style as a way to reshape and reimagine identity, community, and political discourse. Sheehan is the co-editor with Ilya Parkins of Cultures of Femininity in Modern Fashion (University of New Hampshire Press 2011), an interdisciplinary collection of essays that explores how fashion shaped multiple cultures of femininity and modernity.

Edward Weber
Ed Weber joins the School of Public Policy as the first Dubach Chair in Political Science. Prior to coming to OSU, Dr. Weber was the Director of the School of Environmental and Public Affairs at the University of Los Vegas-Nevada. He earned a B.A. in political science (1978) from Colorado State University, and an M.A. (1991) and Ph.D. (1996) in political science from the University of Wisconsin-Madison. Upon earning his PhD, he joined Washington State University (WSU) as an assistant professor of political science and was promoted to the rank of Full Professor in 2007. During his career at WSU, he was the Director of the Thomas S. Foley Institute for Public Policy and Public Service from 2001-2008, and the Edward R. Meyer Distinguished Professor of Public Administration and Policy. Dr. Weber’s areas of research include American political institutions, regulation, bureaucracy and public policy, with a primary emphasis on environmental and natural resource policy.

Arindra Zainal

Arindra A. Zainal earned his PhD in economics from Kansas State University in 2004. He finished his Bachelor degree from Faculty Economics University of Indonesia and his Master Degree in Economics from Iowa State University in 1989. He teaches subjects which base on microeconomics, such as Managerial Economics, International Economics, and Industrial Organization. In 2009 -2012, he was the member of ASEAN+3 Research Group.

OSU Libraries

Anne Bahde

Anne Bahde began April 30 as the History of Science Librarian in the Special Collections & Archives Research Center. Anne comes to OSU from San Diego State University, where she was Assistant Head of Special Collections.

Brian Davis

Brian Davis was hired in August to the Center for Digital Scholarship and Services and OSU Libraries. Brian most recently worked at High Point University and previously the University of
North Carolina and Arizona State. He is the Digital Production Unit Supervisor and will oversee the library's digitization and ScholarsArchive@OSU ingest operations.

**Richard Stoddart**

Rick Stoddart was hired this Spring as the Assessment Librarian for OSU Libraries. He comes to OSU from Boise State University. Rick holds Masters degrees in Communication Studies and Library Science both from the University of Alabama.

**Shan Sutton**

Shan Sutton accepted the position of Associate University Librarian for Research and Scholarly Communication at the Oregon State University Libraries beginning June 18. He is coming to us from the University of the Pacific Library where he held both the Associate Dean and Head of Special Collections positions. Shan holds a Master in Library Science from University of Arizona, Master in Humanities and a Bachelor in Education from Wright State University, a certified Archivist, and attended the ACRL Harvard Leadership Institute in 2011. At OSU Libraries, Shan will have a major role in guiding the Libraries’ path to excellence in delivering services and digital collections to the OSU community and beyond. He will implement the strategic directions for the Center for Digital Scholarship and Services, Emerging Technologies and Services, and Special Collections and Archives Center while providing the direction for building partnerships with other OSU units and community.

**Maura Valentino**

Maura Valentino was hired December 1 as the Metadata Librarian for the Center for Digital Scholarship and Services Department. Maura comes to OSU from the University of Oklahoma with a BA in Art History from University of South Florida and an MSLIS from Syracuse University.
Amanda Whitmire

Amanda Whitmire was hired September 1 as our Data Management Specialist, a new position with the OSU Libraries. She comes to us from across campus in the College of Earth, Ocean & Atmospheric Sciences, where she earned her Ph.D. in 2008 and recently completed her post-doctoral training. Amanda's position is housed within the Center for Digital Scholarship & Services.

College of Pharmacy

Lorinda Anderson

Lorinda Anderson, PharmD, BCPS received her doctorate of pharmacy from the University of Utah in 2010. She completed a post-graduate residency at the Good Samaritan Hospital in 2011, and continues to work there part-time as an inpatient pharmacist. In 2011 Dr. Anderson became a faculty member with Oregon State University’s College of Pharmacy. She is an instructor for the 2nd year Pharmacy Practice series, and gives the Women’s Health Lectures for Intro to Therapeutics. Dr. Anderson is a Board Certified Pharmacotherapy specialist and continues to practice as a pharmacist not only at the hospital but also by volunteering as a diabetes educator for the Corvallis Community Outreach Clinic. She is also a committee member for the “One Key Question” coalition representing the Oregon Pharmacists Association, is the faculty advisor for “operation immunization”, and serves on the admissions committee for the College of Pharmacy.

Jon Furuno

Jon’s research aims to improve quality of care and associated patient outcomes by addressing research questions related to the epidemiology of infectious disease and healthcare delivery. His infectious disease research primarily focuses on infection control of antibiotic-resistant bacteria in the clinical setting and optimizing prophylactic and therapeutic use of antimicrobial agents. He is also interested in improving methods of healthcare delivery and symptom management in palliative care patients and among patients following discharge or transfer to other healthcare facilities.
Daniel Rackham

Daniel Rackham, PharmD, BCPS graduated from Oregon State University with a Bachelor of Science degree in 2005, and Doctor of Pharmacy degree in 2008. He completed a pharmacy residency at the University of Tennessee Medical Center in Knoxville, TN. After returning to Oregon to continue his career as a pharmacist, Dr. Rackham worked for Samaritan Health Services in Lebanon, OR as an anticoagulation pharmacist and staff pharmacist, practicing in the areas of hospital pharmacy, ambulatory infusion, and retail pharmacy. He recently joined Oregon State University as a clinical assistant professor in the College of Pharmacy with a clinical practice site at Good Samaritan Regional Medical Center in Corvallis, OR where he works as a clinical pharmacist and preceptor to OSU PharmD students. Dr. Rackham earned certification as a board certified pharmacotherapy specialist (BCPS) in 2010 and serves on the Council on Therapeutics for the American Society of Health-System Pharmacists.

College of Public Health and Human Sciences

Norman Hord

Norman Hord, Associate Professor in Nutrition. He received his Ph.D. in Nutrition from Purdue University, Master of Public Health degree from the Bloomberg School of Public Health from Johns Hopkins University and postdoctoral training as a Cancer Prevention Fellow at the National Cancer Institute. Prior to joining OSU, Dr. Hord served as an Associate Professor in the Department of Food Science and Human Nutrition at Michigan State University. His research program focuses on the characterizing the cellular transformation stage at which dietary factors and adipokines affect phenotypes associated with cancer risk. His laboratory is also working with a multidisciplinary team to treat glioblastoma multiforme, the most prevalent type of brain cancer in adults, with an energy restricted ketogenic diet.

Elisabeth Maxwell

Elisabeth Maxwell is an instructor for the Health Promotion and Health Behavior program in the School of Social and Behavioral Health Sciences. She completed her PhD in Public Health at OSU. Dr. Maxwell will be teaching courses in human disease and planning and evaluating health promotion programs.
Kathleen Moxley-South

Kathleen Moxley-South is an instructor for the Human Development and Family Sciences program in the School of Social and Behavioral Health Sciences. She completed her PhD in Special Education/Early Intervention at the University of Oregon. Prior to completing her degree Kathleen worked with teen parents, substance exposed children, and families involved in child welfare. Her interests include professional development of early childhood teachers, children’s social-emotional development, and family risk and resilience. Dr. Moxley-South will be teaching courses in human development and family sciences, including critical thinking and program development and grant writing.

Faith Vawter

Faith Vawter is an instructor who serves as the Master of Public Health Internship Coordinator, spanning both the School of Social and Behavioral Health Sciences and the School of Biological and Population Health Sciences. She is also the instructor for the Interprofessional Education Seminar (IPE). Prior to this faculty position, she conducted behavioral research, created media campaigns around adolescent risk behavior prevention, and was an academic advisor for public health undergraduate students. She earned her MPH from Oregon State University.

College of Science

Mary Beisiegel

Dr. Mary Beisiegel received her PhD in mathematics education from the University of Alberta in 2009. Dr. Beisiegel comes to Oregon State University from Harvard’s Center for Education Policy Research and the National Center for Teacher Effectiveness (NCTE). Her work includes using the Mathematical Quality of Instruction (MQI) instrument to assess teaching; creating a training program for the MQI instrument; recruiting, certifying, hiring, and overseeing MQI raters for NCTE and other projects; and analyzing data from these projects. She has taught mathematics and statistics at the university level for thirteen years, with a focus on mathematics content courses for future elementary teachers. She is interested in teacher preparation and teachers' mathematical knowledge in elementary, secondary, and postsecondary mathematics.
Tasha Biesinger

Dr. Tasha Biesinger has joined the department as Instructor/Advisor as of June 2012. She obtained her Ph.D. in Virology at the Baylor College of Medicine in 2009, working on pathogenicity markers associated with infection by human and simian immunodeficiency viruses. She taught Microbiology at Salt Lake Community College between 2010 and 2012. Her primary teaching responsibilities will be Introductory Microbiology MB 230 and Pathogenic Microbes Laboratory MB 435/535. She will also serve as academic advisor to Microbiology students.

Michael Burand

Michael Burand (Instructor of Chemistry) B.S. Chemistry, University of Minnesota (2000), M.S. Chemistry, University of Minnesota (2003), Ph.D. University of Minnesota (2006), Visiting Assistant Professor, Carleton College (2007-2012). Mike will serve as our General Chemistry Lab Coordinator for our 200-level courses.

Sean Burrows

Sean Burrows (Assistant Professor of Chemistry) B. S. Chemistry, University of Central Florida (2004), Ph.D. Chemistry, Texas Tech University (2009), Postdoctoral Associate, Duke University (2010-2012). His research will utilized analytical signals to elucidate the molecular biology of aggressive cancers and to explore unique biosensing recognition and transduction technologies.

Jeff Gautschi
Jeff Gautschi (Instructor of Chemistry, OSU Main Campus and OSU Cascades Campus) B.S. California State University, Chico (1995), Ph.D. University of California, Santa Cruz (2006). Jeff will be teaching Organic Chemistry at the OSU Cascades Campus and ecampus Chemistry courses for OSU Main Campus.

David Xielei Ji

"David" Xiulei Ji (Assistant Professor of Chemistry) B.S. Chemistry, Jilin University (2003), M.S. Materials Chemistry, University of Waterloo (2005), Ph.D. Materials Chemistry, University of Waterloo (2009), Postdoctoral Fellow, University of Waterloo (2010), NSERC Postdoctoral Fellow, University of California, Santa Barbara (2010-2012). His major interest is to understand and tackle challenges of strategic materials and key electrochemical processes for energy storage and conversion devices.

Ryan Mehl

Ryan Mehl is a new Associate Professor of Biochemistry and Biophysics who joined the Department in January. He comes to us from Franklin and Marshall College, where he was remarkably successful teaching biochemistry and mentoring undergraduates. Dr. Mehl brings a unique expertise to OSU. By subverting the otherwise universal genetic code, he is able produce proteins that contain unnatural amino acids (i.e. amino acids that don't exist in nature). At OSU, he will be teaching advanced biochemistry and heading a "synthetic biology" research core that can place unique amino acids at any location within a protein.

Eli Meyer

Eli Meyer is a marine biologist. He obtained his PhD in Biology from the University of Southern California, where he studied the regulation of growth rates and nutrient uptake in marine invertebrate larvae. His post-doctoral work at the University of Texas – Austin used high-throughput sequencing to profile variation in genotype and gene expression associated with
stress tolerance. Research in his new laboratory in the Department of Zoology at Oregon State University will focus on the functional basis of variation in stress tolerance, improving our understanding of the constraints on adaptation to environmental stressors and responses to selective breeding for aquaculture.

**Ryan Mueller**

Dr. Ryan Mueller, is a new Assistant Professor in the Microbiology Department. Dr. Mueller completed his Ph.D. with Prof. Doug Bartlett at UCSD, Scripps Institution of Oceanography, San Diego, California. His postdoctoral research appointment was at UC, Berkeley with Prof. Jill Banfield and the Centre d'Estudis Avançats de Blanes-CSIC in Spain. This research involved using high-throughput genomic, mass spectrometry (MS)-based proteomic, and metabolomic techniques to gain insight into in situ molecular adaptations of microbial communities as environmental conditions change. Dr. Mueller’s lab at OSU will examine key ecological interactions within the microbial loop of aquatic food webs. He is pleased to be working in Oregon as he enjoys kayaking, skiing, and hiking.

**Mark Novak**

Mark Novak is an ecologist whose research investigates how the direct and indirect interactions between species affect the structure and dynamics of their communities. Much of his work focuses on predator-prey interactions in marine and freshwater ecosystems with a goal of bridging between mathematical theory and our empirical understanding of nature. Having received a Bachelor of Arts from Cornell University, Mark spent several years following his research interests around the globe as a field assistant before entering the University of Chicago to obtain his Ph.D. Mark joins OSU’s Department of Zoology from a postdoctoral position at the University of California, Santa Cruz.

**May Nyman**

May Nyman (Associate Professor of Chemistry) BSc in Geology, Virginia Polytechnic Institute & State University (1990), MSc in Materials Science & Engineering, Virginia Polytechnic Institute & State University (1992), PhD in Chemistry, University of New Mexico (1997), Staff chemist at Sandia National Laboratories, Albuquerque, NM (1998-2012). Her synthetic research
focuses on all of the size regimes in the realm of transition metal and actinide polyoxometalates (POMs), as well as their related functional materials.

Catherine Searle

Dr. Catherine Searle works in Differential Geometry with an emphasis on Comparison Theory. Her research has been focused on positively and non-negatively curved Riemannian manifolds, which admit "large" isometric group actions, where "large" can be defined in a number of ways. More recently she has been studying Alexandrov spaces of positive and non-negative curvature which admit large isometry groups. She was most recently a mathematician at the Instituto de Matematicas in Cuernavaca, Mexico. During this year as a visiting professor, Dr. Searle will be working with Christine Escher, recipient of a Women in Science Award for this year.

Bo Sun

Dr. Bo Sun received his B.S. degree from Tsinghua University and his Ph.D degree from New York University. His education gave him an extremely strong background in optics and statistical physics. He is currently a postdoctoral fellow at Princeton University, where he is studying the collective behavior of mammalian cells during migration and chemosensing in microfluidics devices, as well as the tumor growth in microfabricated landscapes. He will continue this research at OSU, using advanced imaging, microfabrication, and analytic tools, to focus on the physics of various collective cellular behaviors. His research will be a great starting point for future collaborations with other departments in the life sciences.

Rebecca Terry

Rebecca Terry is a paleoecologist and taphonomist. Her research investigates how small mammal populations, communities, and their broader ecosystems have responded to climate change and anthropogenic impacts since the last ice age. She also focuses on how the geological records of such ecological information form. Her work thus relates not only to the fundamental interest of ecologists to understand the structure and function of biodiversity, but also has direct relevance for conservation science via the reconstruction of dynamic pre-impact historical baselines for terrestrial communities. Rebecca has a BA in Geology from Macalester College,
and a PhD in Geophysical Sciences from the University of Chicago. She joins the Department of Zoology after a NOAA Climate and Global Change Postdoctoral Fellowship at Stanford University and a lectureship at the University of California Santa Cruz.

**Kristin Ziebart**

Kristin Ziebart (Instructor of Chemistry) B.S. Chemistry Oregon State University (1999), Ph.D. Chemistry UC-Davis (2010). Kristin will be teaching in our General Chemistry lecture sequence as well as some Organic Chemistry.

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**College of Veterinary Medicine**

**Jan Medlock**

Jan received his Ph.D. at the University of Washington and his M.S. at Georgia Institute of Technology. His professional and Research Interests include Mathematical epidemiology and evolution of infectious diseases, particularly sexually transmitted, vector-borne, and emerging infectious diseases.

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**Keith Poulsen**

Keith Poulsen joined the College of Veterinary Medicine, Department of Clinical Sciences in July of 2012. He is a diplomat of the American College of Veterinary Internal Medicine and his clinical appointment is split between the Large Animal Internal Medicine service and the Rural
Veterinary Practice. Keith and his family (wife Beth and son Caleb) moved to Corvallis from the University of Wisconsin where he was a clinical instructor and finished his PhD in infectious disease and food safety. His research interests focus on Global Health and zoonotic, food-borne diseases.