

Colorado School of Mines
New Faculty 2015-2016
(Includes AY 2015-16 January Starts)



Yosef Allam, PhD - Teaching Associate Professor, EPICS. Prior to joining Mines, Dr. Allam was an Assistant Professor in the Engineering Fundamentals Department at Embry-Riddle Aeronautical University and Affiliate Director for Project Lead The Way Florida. He graduated from The Ohio State University with B.S. and M.S. degrees in Industrial and Systems Engineering and a PhD in Engineering Education. Dr. Allam's interests are in spatial visualization, diffusion of evidence-based teaching practices, the use of learning management systems for large-sample educational research studies, student applications of the design process, curriculum development, and fulfilling the needs of an integrated, multi-disciplinary first-year engineering educational environment through the use of active and collaborative learning, real-world application and examples, problem-based and project-based learning, classroom interaction, and multiple representations of concepts.



Christopher Bellona, PhD - Assistant Professor, Civil and Environmental Engineering. Dr. Bellona earned his Doctorate degree in Environmental Science and Engineering from the Colorado School of Mines in 2007. His research has been mainly focused on indirect potable wastewater reuse and the removal of organic contaminants from water and wastewater using advanced treatment processes. He has considerable experience testing membrane systems, particularly, evaluating nanofiltration as an energy efficient alternative for treatment systems employing reverse osmosis. Dr. Bellona's current research interests include advanced oxidation processes, anaerobic membrane bioreactor systems for the treatment of mixed waste and the recovery of valuable constituents from various waste streams. He is principal investigator for a USEPA sponsored research grant investigating the use of non-thermal liquid phase plasma for the degradation of emerging contaminants. He has authored or coauthored more than 25 peer-reviewed journal articles and book chapters, and presents regularly at national and international conferences.



Rosmer Brito – Assistant Professor, Petroleum Engineering. Ms. Brito will join Mines in January of 2016, she is currently a research assistant at *The University of Tulsa Horizontal Wells and Artificial Lift Project research group* (TUHWALP) where she is completing her PhD in Petroleum Engineering. Ms. Brito studies the effect of well trajectory on horizontal gas and condensate well performance and conducts experimental studies in an outdoor facility for different well configurations and flow conditions. The observations support the development of a novel model and methodologies to predict where and when liquid accumulates in the well. This analysis considers the well geometry, completion, and expected production decline. This will help production engineers optimize the well construction, artificial lift design, and operation by planning ahead of time well interventions, minimizing well downtime (production losses) and finally optimizing the well production by reducing operational costs. This has a significant impact, particularly in the current oil and gas prices scenarios, where costs are increasingly coming under pressure to be reduced. Ms. Brito has also worked at ExxonMobil Upstream Research Company and for a joint venture between Shell and Petroles de Venezuela.



Robin Bullock - Teaching Associate Professor, EPICS. Ms. Bullock has worked as a decommissioning, remediation and restoration specialist for the past 31 years, developing and directing environmental options on land, in rivers and lakes, nearshore and in open ocean environments under extreme cold conditions and under temperate and tropical conditions. Her work has taken her to numerous countries, managing environmental remediation, restoration, oil spill and projects organizations, conducting research on new and innovative response options, and studying the impacts of spilled oil and mine wastes on shoreline, nearshore, open water and ecological communities. After over 30 years with industry, Ms. Bullock chose to work towards achievement of her PhD in Engineering in order to pursue her passion to teach at the university level and has recently taught Engineering Management at the University of Alaska and Construction Risk Management at Montana State University. Since 1991, Ms. Bullock has worked in the mining and oil

and gas sectors for Atlantic Richfield, BP and Talisman Energy. Her primary responsibilities included the investigation, management and construction of large scale decommissioning and environmental remediation of mine sites, gas plants, oil exploration and production facilities, oil and gas pipelines and associated management and litigation for the two largest Natural Resource Damage cases under the oil pollution act and the superfund law. The management and resolution of these cases stressed the need to base environmental decisions on science and consideration of the multiple stakeholders involved. Ms. Bullock's most recent positions included that of the Natural Resource Damage Director for the Deepwater Horizon oil spill and the Global Vice President for Health, Safety, Security and Environment for Talisman. Prior to this time, Ms. Bullock worked as a process and environmental engineer and relief foreman for pulp and paper mills in Montana and Oregon. Academically, Ms. Bullock received her Bachelor's and Master's Degrees in Engineering at Montana Tech. She was also selected to participate in the BP Projects Academy, an educational collaboration between BP and MIT. The Projects Academy was established to educate managers within BP who were accountable for delivery of major projects. Following her departure from industry, Ms. Bullock was admitted to graduate school at the University of Alaska-Fairbanks to pursue her PhD in Engineering. Her research focuses on oil response tactics in the Arctic.



Elio Dean – Teaching Associate Professor, Petroleum Engineering. Mr. Dean is a petroleum reservoir engineer, whose career has been focused on field implementation and project development for several different types of reservoirs, both onshore and offshore. He has field experience with hydraulic fracturing, waterflooding, gas injection, WAG and chemical injection. Present and past employers include Colorado School of Mines (began as adjunct professor Winter 2015 semester), Surtek (chemical EOR consulting firm), and ExxonMobil's Development Company. He has worked on reservoirs in Angola, Canada, Colombia, Ecuador, Kuwait, Russia, Suriname, and the USA. Mr. Dean earned a BS in Petroleum Engineering and a MS in Energy Economics, both from Colorado School of Mines. His CEOR strong points are reservoir screening, simulation, project design and project economics.



Mark Deinert, PhD – Associate Professor, Mechanical Engineering. Dr. Deinert received a PhD in Nuclear Science and Engineering from Cornell University and did his postdoctoral training there in the Department of Theoretical and Applied Mechanics. Dr. Deinert's research centers on systems modeling to understand the environmental, economic and geopolitical impacts of different energy technologies. His research group uses tools from engineering analysis, thermodynamics, statistical physics and computation to understand problems how dynamics, non-equilibria and systems structure affect energy technologies. By relating performance to design and manufacturing decisions, his research informs development in the laboratory and policy.



Mansur Ermila, PhD - Teaching Associate Professor, Petroleum Engineering Department. Dr. Ermila grew up in Tripoli, Libya with a passion for engineering and teaching. He earned a Bachelor's in petroleum engineering from Tripoli University in 1989 and a Master's from the University of Miskolc in Hungary. Returning to Libya, Dr. Ermila worked at the Arabian Gulf Oil Company until he began teaching at Tripoli University. Dr. Ermila was selected for the opportunity to earn a PhD abroad which led him to the Colorado School of Mines, where he completed his PhD in 2012. He served as a Research Assistant Professor at Mines prior to becoming a Teaching Associate Professor.



Alina Handorean, PhD – Teaching Associate Professor, EPICS. Dr. Handorean was trained in Biochemistry and Molecular Biology at the University of Bucharest, Romania, where she received both her BS and MS degrees. Prior to coming to the US for her graduate training, she was a junior faculty at Bucharest's Technical University of Civil Engineering, where she taught water biology and chemistry. In 2002, she entered Washington University in St. Louis completing a MA and PhD in Chemistry. She later moved to the University of Colorado's Health Sciences campus for a post-doctoral fellowship in cancer biology. Trained to characterize DNA damage and metastasis mechanisms, Dr. Handorean successfully translated her biochemistry skills for use in

environmental applications, where her most recent research has focused on the distribution, abundance and reactivity of biopolymers suspended in the atmosphere – both indoors and out. Dr. Handorean has more than 15 years teaching experience, from middle school through graduate levels, and has taught a wide range of fundamental environmental engineering classes in a portfolio which includes Engineering Design, Environmental Microbiology and Thermodynamics. During her tenure at the University of Colorado, Boulder, Dr. Handorean was also a part time administrator: she was appointed to serve as a member of the Institutional Biosafety Committee, and was the Co-President of the Post-Doctoral Association.



Ahmadreza Hedayat, PhD – Assistant Professor, Civil and Environmental Engineering. Prior to joining Mines, Dr. Hedayat was on the faculty at Purdue University. Dr. Hedayat received his BS degree in Civil Engineering from Shiraz University, MS degree in Geotechnical Engineering from Tehran Polytechnic, and PhD in Civil Engineering from Purdue University. Dr. Hedayat's research interests are in rock and fracture mechanics, tunnels and underground structures, and applied geophysics. His current research has focused on the mechanical and geophysical characterization of damage in rocks. Dr. Hedayat is the recipient of the Cook PhD Dissertation award from the American Rock Mechanics Association (ARMA) in 2014 and the Manuel Rocha Medal Runner-Up Award from the International Society of Rock Mechanics (ISRM) in 2015. Dr. Hedayat is a member of the ARMA Future Leaders Program. Dr. Hedayat's future research initiatives will focus on the ground-support interaction in tunnels, multi-scale experiments in rock physics, and

hydraulic fracturing.



Mark Jensen, PhD – Professor and Grandy Chair, Chemistry and Geochemistry. Dr. Jensen earned his BS in Chemistry from Bethel University and his PhD in Chemistry from Florida State University in 1994. He held a Post-doctoral Associate position at Argonne National Laboratory in Chicago, IL until he joined the lab as a Chemist specializing in Heavy Element Chemistry and Separation Science. Dr. Jensen has co-authored 90 papers on actinide chemistry and biology and separation science and has organized conferences and received numerous awards. His research interests include actinide chemistry and biochemistry in biological systems and the environment, hydrometallurgy of actinides and lanthanides, thermodynamics of metal complexation and separation in aqueous and organic phases and metal speciation in non-aqueous systems.



Eunhye Kim, PhD – Assistant Professor, Mining Engineering. Dr. Kim received her MS in Civil, Urban & Geo-system engineering from Seoul National University in 2006 and her PhD in Energy and Mineral Engineering from Penn State University in 2010. She also completed a post-doc in 2011 at Penn State University. Dr. Kim has served as a Research Analyst at Independent Project Analysis, Inc. and an Assistant Professor of Mining Engineering at the University of Utah. Dr. Kim has developed a frictional ignition machine for cutting tool design study, served as the editor of the International Safety Science Journal and mentored 18 undergraduate student researchers between 2012 and 2015.



Linda L. Layne – Professor and Division Director, Liberal Arts and International Studies. Professor Layne comes to Mines from Rensselaer where she was Hale Professor of Humanities and Social Sciences, and Professor of Anthropology in the Department of Science and Technology Studies. During 2012-15 she served as program director and investigative scientist at the US National Science Foundation. She has authored Home and Homeland: The Dialogics of Tribal and National Identities in Jordan (Princeton University Press 1994) and Motherhood Lost: A Feminist Account of Pregnancy Loss in America (Routledge 2003) and co-produced an 11-part, award-winning television series, "Motherhood Lost: Conversations" at George Mason Television. Ms.

Layne has edited or co-edited nine books and special issues including Transformative Motherhood: On Giving and Getting in a Consumer Culture New York UP 1999; (Winner of the Council on Anthropology of Reproduction's Enduring Influence Book Prize), Consuming Motherhood with Taylor and Wozniak, Rutgers 2004 (Winner of the Council on Anthropology of Reproduction's New Volume Book Prize); Feminist Technology with Vostral and Boyer, University of Illinois, 2010 and associated blog, Understanding Reproductive Loss with Earle and Komaromy, Ashgate, 2012, Parenting in Global Perspective with Faircloth and Hoffman, Routledge, 2013, and is currently working on a collected volume on Selfishness and Selflessness.



Kyle Leach, PhD – Assistant Professor, Physics. Dr. Leach received his PhD in Experimental Nuclear Physics from the University of Guelph, Canada, in 2012. His research focused on detailed experimental tests of isospin-symmetry breaking effects in nuclei using transfer reactions at the MLL in Munich, Germany. During this period, Dr. Leach received several national and international awards for scientific and speaking excellence. Following his time in Guelph, he relocated to Vancouver, Canada, and joined the TITAN group at TRIUMF (Canada's national laboratory for particle and nuclear physics) as a Research Associate, where he became involved in the technical development of a world-unique decay-spectroscopy ion trap. Dr. Leach has performed experiments at a number of stable- and radioactive-beam facilities in North America, Europe, and Scandinavia, and is the spokesman of 5 experimental proposals at TRIUMF. Over his career, Dr. Leach has given numerous invited colloquia, seminars, and conference presentations around the world, and has also served on several academic committees. His current research interests include: probing the Standard Model, exploring fundamental nuclear structure, and studies into nuclear astrophysics.



Hongyan Liu, PhD – Teaching Associate Professor, Civil and Environmental Engineering. Dr. Liu obtained her PhD degree in Civil and Environmental Engineering at Colorado State University with a focus in structural engineering in August 2010. Her graduate education was focused on the performance based engineering for structural systems under hazard loading, and application of innovative construction materials (fiber reinforced concrete) for underground construction. Her PhD dissertation was focused on developing generalized performance-based seismic design procedures for residential buildings with a simplified format to be implemented by practice engineers. Her MS research was focused on performance of underground tunnel lining made from steel fiber reinforced shotcrete material. Dr. Liu is experienced in teaching structural engineering related courses and has held multiple positions as instructor at a number of engineering programs, including an adjunct appointment at Mines.



Michael Mikucki, PhD - Teaching Associate Professor, Applied Math and Statistics. Dr. Mikucki received his PhD, MS, and BS degrees in mathematics from Colorado State University in 2015, 2012, and 2010, respectively. Dr. Mikucki has research interests in mathematical biophysics and computational modeling, however, his primary career passion is teaching applied mathematics to undergraduates. At CSU, Dr. Mikucki had the opportunity to teach 9 different math courses and serve as a graduate teaching assistant mentor and trainer.



Payam Nayeri, PhD – Assistant Professor, Electrical Engineering and Computer Science. Dr. Nayeri received a BS in applied physics from Shahid Beheshti University, Tehran, Iran, in 2004, his MS in electrical engineering from Iran University of Science and Technology, Tehran, Iran, in 2007, and a PhD in electrical engineering from The University of Mississippi in 2012. Dr. Nayeri joined the Center for Applied Electromagnetic Systems Research (CAESR) at The University of Mississippi as a Graduate Student Researcher in August 2008. Prior to this, he was a Visiting Researcher at the University of Queensland, Brisbane, Australia. From August 2012 to December 2013, he was a Postdoctoral Research Associate and Instructor with the Electrical Engineering Department, The University of Mississippi. Dr. Nayeri joined the Electrical Engineering and Computer Science Department, Colorado School of Mines, as a Postdoctoral Fellow in January 2014. During the 2014-2015 academic year, he also served as an adjunct professor

and was the faculty advisor for the Mines CubeSat program. His research is in the area of antennas, arrays, and RF/microwave devices and systems, with applications in deep space communications, microwave imaging, and remote sensing. Dr. Nayeri is a member of *IEEE*, Applied Computational Electromagnetics Society (ACES), Sigma Xi, and Phi Kappa Phi, and has authored two books and over sixty journal articles and conference papers. He has been the recipient of several prestigious awards, including the *IEEE Antennas and Propagation Society* Doctoral Research Award in 2010, the University of Mississippi Graduate Achievement Award in Electrical Engineering in 2011, and the Best Student Paper Award of the 29th International Review of Progress in ACES.



Jeffrey Payone, PhD – Teaching Associate Professor, Electrical Engineering and Computer Science. Dr. Paone received the BS degree in Computer Science from the University of Notre Dame in 2007, ME degree in Computer Science from the University of Colorado in 2010, and returned to the University of Notre Dame to complete his PhD in Computer Science in 2013. He spent several years in industry developing software for state municipalities. Most recently, he has completed a post-doctoral appointment at Oak Ridge National Laboratory. Dr. Paone's research involves computer vision with a focus on face and iris detection and recognition. In addition, his interests include computer graphics and augmented reality.



Svitlana Pylypenko, PhD - Assistant Professor, Chemistry and Geochemistry. Dr. Pylypenko received her PhD in Chemistry from the University of New Mexico working on characterization of complex materials using x-ray photoelectron spectroscopy and structure-properties-performance correlations using multivariate analysis techniques. During her postdoctoral years, she has focused on the development of novel materials, structures and characterization approaches for applications in electrocatalysis and fuel cells. Dr. Pylypenko's group at Colorado School of Mines investigates surfaces and interfaces of functional materials including catalysts, polymers, semiconductors and metals targeting a wide range of applications. Research focuses on building relationships between surface composition and structure, materials properties and their performance with the eventual goal to design the next generation of materials which provide high efficiency at the fraction of the cost. Significant efforts are dedicated to development of cost-effective materials for alternative energy applications. She is on the board of the Rocky Mountain Chapter of AVS as a Member-at-Large and chaired the 37th Symposium on Applied Surface Analysis.



Josh Ramey, PhD. – Teaching Assistant Professor, Chemical and Biological Engineering. Dr. Ramey received his PhD from the University of Colorado Denver in the Department of Biochemistry and Molecular Genetics in the lab of Dr. Jessica Tyler. His dissertation focused on the role of chromatin in DNA repair and replication, which led to a new understanding of the importance of chromatin during these essential cellular processes. During his graduate work, Dr. Ramey developed a love of basic biological processes, especially DNA replication and repair, and discovered a zeal for teaching by working with both undergraduate and graduate students joining the lab. Dr. Ramey joined a small start-up company, OPX Biotechnologies, which focused on biological engineering of microbes to produce biofuels and biochemicals. Dr. Ramey led a genomics research team and integrated their results with other research teams to accomplish company goals. He then returned to academia by pursuing a post-doctoral fellowship in the lab of Robert Sclafani studying the regulation of DNA replication and cell cycle control of the G1/S phase transition. His work focused on understanding the mechanism of DNA strand separation by the minichromosome maintenance (MCM) helicase using the model system *Saccharomyces cerevisiae*. *Saccharomyces cerevisiae* is model system that is well suited for undergraduate teaching through research. Since joining Colorado School of Mines in the fall of 2013, Dr. Ramey has been involved with development of an innovative new course, Studio Biology. Studio Biology is a student-centered active learning environment that incorporates the latest pedagogical research to improve student performance and retention. Dr. Ramey also teaches genetics and is interested in developing meaningful research experiences for undergraduates.



Jorge Sampaio, PhD – Associate Professor, Petroleum Engineering. Dr. Sampaio received his PhD in Petroleum Engineering from the Colorado School of Mines, Masters in Petroleum Engineering from the State University of Campinas and basic training in mechanical engineering from the Military Engineering Institute. In addition to his 10-years of experience in academia (New Mexico Tech and Curtin University), Dr. Sampaio has also accumulated 26 years of experience in private sector positions with BG Group, Schlumberger, Petrobras, ENI-Australia as well as CSIRO.



Sam Spiegel, PhD – Director, Center for Innovative Teaching and Learning. Dr. Spiegel joined Mines in April 2015 to lead CITL in proactively supporting faculty to advance the quality of students' learning experiences, advance campus discussions on pedagogy and innovative teaching, and advocating for and supporting faculty use of empirically proven innovative teaching approaches. Prior to joining Mines, Dr. Spiegel served as Chair of the Disciplinary Literacy in Science Team at the [Institute for Learning \(IFL\)](#) and Associate Director for the [Swanson School of Engineering's Engineering Education Research Center](#) at the University of Pittsburgh. He previously served as a science educator at [Biological Sciences Curriculum Study \(BSCS\)](#); as Director of Research & Development for a multimedia development company; and as founding Director of the Center for Integrating Research & Learning (CIRL) at the [National High Magnetic Field Laboratory](#), Florida State University. Under Dr. Spiegel's leadership, CIRL matured into a thriving Center recognized as one of the leading National Science Foundation Laboratories for activities to promote science, mathematics, and technology (STEM) education. While at Florida State University, Dr. Spiegel also directed an award winning teacher enhancement program for middle grades science teachers, entitled Science For Early Adolescence Teachers (Science FEAT). His extensive background in science education includes experiences as both a middle school and high school science teacher, teaching university-level biology and science education courses, working with high-risk youth in alternative education centers, working in science museums, designing and facilitating online courses, multimedia curriculum development, and leading and researching professional learning for educators. The Association for the Education of Teachers of Science (AETS) honored Dr. Spiegel for his efforts in teacher education with the Innovation in Teaching Science Teachers award (1997). Dr. Spiegel's current efforts focus on educational reform and in the innovation of teaching and learning resources and practices.



Vladan Stevanovic, PhD – Assistant Professor, Metallurgical & Materials Engineering. Dr. Stevanovic's interests lie in the processes behind energy production and consumption which led to pursuing a career in physics and materials science. He is a theoretical solid-state physicist with multidisciplinary research experience in materials science and his research concentrates around two main subjects: (1) novel materials for renewable energy and (2) computational materials science and solid-state physics. The idea of bringing experiment, large-scale computations and solid-state theory closely together in an attempt to develop reliable approaches to rationally design real materials for real applications brought Dr. Stevanovic to NREL in 2009 and later to Colorado School of Mines. His current research includes thermodynamics and thermochemistry of solids, disorder in multinary systems, searching for and designing new thermoelectric and photovoltaic materials. Dr. Stevanovic enjoys teaching and during work on his PhD he received an award from the school in recognition of the "excellent quality of teaching and competence, and readiness to engage in various aspects of teaching duties".



Timothy Strathmann, PhD – Professor, Civil and Environmental Engineering. Dr. Strathmann joined Mines in January 2015 and also holds a collaborative research appointment at the National Renewable Energy Laboratory. From 2003 to 2014 he was on the faculty at the University of Illinois at Urbana-Champaign. His research focuses on the development sustainable catalytic technologies for water treatment and waste valorization, and the study of redox transformation mechanisms for contaminants of emerging concern (CEC). Dr. Strathmann is the recipient of a National Science Foundation CAREER Award, and his research has been sponsored by NSF, USEPA, USDA, DOD, DOE, and the Water Research Foundation. His teaching interests include chemical principles of environmental engineering, water quality control processes, and

quantitative environmental sustainability. Dr. Strathmann was also recently appointed Associate Editor of the journal *Environmental Science and Technology*, widely considered to be the top journal in the field of environmental engineering and science. Dr. Strathmann's formal training includes a PhD in environmental engineering from Johns Hopkins, BS and MS degrees from Purdue, and postdoctoral training at Princeton.



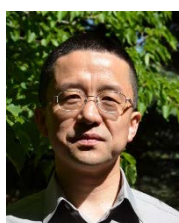
Whitney Trainor-Guitton, PhD - Assistant Professor, Geophysics. Dr. Trainor-Guitton graduated from Colorado School of Mines in 2001 with a Bachelor's degree in geophysical engineering. From 2002 to 2004, Dr. Trainor-Guitton served in the Peace Corps in the Republic of Panama, advocating sustainable agricultural techniques, advising entrepreneurial endeavors by women's groups, and promoting HIV/AIDS awareness. In 2006, she completed her Master's degree in geophysics from Stanford University. She continued in Stanford's Program of Earth, Energy and Environmental Science, of which she received her PhD in June of 2010. For her dissertation, she developed transferable value of information (VOI) methodologies for spatial earth problems. She worked as a risk analyst at Risk Management Solutions before joining the scientific staff at Lawrence Livermore National Lab in September 2011, where she worked on CO2 sequestration and geothermal exploration projects.



Gabriel Walton, PhD – Assistant Professor, Geology and Geological Engineering. Dr. Walton obtained a Bachelor's degree in Geological Engineering from Queen's University, Kingston, Canada in 2011. His initial area of study was focussed on applied geophysics, but his main interest shifted to rock mechanics as he started a PhD which was completed in 2014. Dr. Walton's research aims to improve our understanding of the impact of progressive yield processes on the stability of underground excavations and to enhance the capabilities of numerical models for representing in-situ rockmass behaviour. He also has an interest in applications of geophysics for tunnelling and mining, as well as rock mass characterization using LiDAR and photogrammetry data.



Lesli Wood, PhD –Professor and Robert Weimer Endowed Chair in Sedimentology and Petroleum Geology, Geology and Geological Engineering. Dr. Wood joined Mines in January of 2015 and is the director of the Sedimentary Analogs Database and Research Program (SAnD). Prior to joining CSM, Dr. Wood held positions at the University of Texas at Austin, Amoco Production Company and Arco. She received her PhD in 1992 from Colorado State University following her MS work at the University of Arkansas. Dr. Wood specializes in the study of ancient landscapes through quantitative seismic geomorphology of clastic basins, structural and sedimentary system interactions, submarine landslides, petroleum geology, mobile shales and geomorphology of Mars. She has served as SEPM Society for Sedimentary Geology national Secretary-Treasurer, the GCSSEPM President and is active in the Geological Society of America, the American Association of Petroleum Geologists and the Geological Society of Trinidad and Tobago. She also served as a member of the Ultra-Deepwater Advisory Committee for the U.S. Secretary of the Department of Energy and serves as an Associate Editor at *Geosphere*. Dr. Wood has published widely on the nature of modern and ancient deep- to shallow-water systems around the world and has won numerous best paper and poster awards, including AAPG's Cam Sproule Award, and most recently the 2014 EAGE Norman Falcon Award as co-author of the Best Paper in Petroleum Geosciences. Dr. Wood teaches classes in undergraduate geomorphology, graduate seismic geomorphology and a collaborative graduate course in Integrated Exploration and Development with Engineering and Geophysics.



Chuan Yue, PhD – Assistant Professor, Electrical Engineering and Computer Science. Dr. Yue's current research includes usable security and privacy in web/mobile/cloud/cyber-physical systems, vulnerability measurement and analysis, and security and privacy education. His research and educational activities are currently supported by the National Science Foundation. He received his BE and ME degrees in Computer Science from the Xidian University, China, in 1996 and 1999, respectively, and his PhD in Computer Science from the College of William and Mary in 2010. He worked as a Member of Technical Staff at Bell Labs China, Lucent Technologies from 1999 to 2003, and worked as an Assistant Professor of Computer Science at the University of Colorado, Colorado Springs from 2010 to 2015.