UW’s NSF CAREER Awardees

Contact Information

Peter Thorsness, Professor Molecular Biology
Award Year: 1997
Proposal Title: CAREER: Biochemical and Genetic Analysis of Vacuole-Mediated Mitochondrial Turnover
Phone: 307-766-2038
Email: thorsnes@uwyo.edu

James Caldwell, Professor Computer Science
Award Year: 2000
Proposal Title: CAREER: A Formal Programming Methodology with Applications to Developing Automated Verifiers
Phone: 307-766-6105
Email: jlc@uwyo.edu

Eva Ferre-Pikal, Associate Professor Electrical and Computer Engineering
Award Year: 2001
Proposal Title: CAREER: Phase and Amplitude Noise in Heterostructure Transistor Amplifiers and Oscillators
Phone: 307-766-5213
Email: evafp@uwyo.edu

Daniel “Danny” Dale, Department Head, Professor Physics & Astronomy
Award Year: 2004
Proposal Title: CAREER: WySCH: The Wyoming Survey for Cosmological H-alpha
Phone: 307-766-5154
Email: ddale@uwyo.edu

Mark Clementz, Associate Professor Geology & Geophysics
Award Year: 2009
Proposal Title: CAREER: Ecological Diversification of Marine Mammals (Orders Cetacea and Sirenia) through Cenozoic Climate Change: Evidence from Geochemical Analysis of Fossil Material
Phone: 307-766-6048
Email: mclemen1@uwyo.edu

Franco Basile, Associate Professor Chemistry
Award Year: 2009
Proposal Title: CAREER: Rapid Non-Enzymatic Sample Preparation for Mass Spectrometry
Phone: 307-766-4376
Email: basile@uwyo.edu
Bryan Shuman, Associate Professor Geology & Geophysics  
Award Year: 2009  
Proposal Title: **CAREER: Effects of Prolonged Droughts, Severe Fires, and Forest Parasites on Regional Ecosystem Pattern in the Rocky Mountains Over the Past 5,000 Years**  
Phone: 307-766-6442  
Email: bshuman@uwyo.edu

Jing Zhou, Associate Professor Chemistry  
Award Year: 2012  
Proposal Title: **CAREER: Towards Scalable Error Detection for Parallel Software Systems on Emerging Computing Platforms**  
Phone: 307-766-4335  
Email: jzhou2@uwyo.edu

Carl Frick, Associate Professor Mechanical Engineering  
Award Year: 2013  
Proposal Title: **CAREER: Experimental Investigation of Indentation-Induced Two-Way Shape-Memory Surfaces Made From Nickel-Titanium Alloys**  
Phone: 307-766-4068  
Email: cfrick@uwyo.edu

John Oakey, Assistant Professor Chemical & Petroleum Engineering  
Award Year: 2013  
Proposal Title: **CAREER: Microfluidic Cell Encapsulation for High Throughput Screening and Rationally Designed Biomaterials**  
Phone: 307-766-2518  
Email: joakey@uwyo.edu

Lamia Goual, Associate Professor Chemical & Petroleum Engineering  
Award Year: 2014  
Proposal Title: **CAREER: Impact of Mineralogy and Wettability on Pore-scale Displacement Mechanisms of Nonaqueous-Phase Liquids in Heterogeneous Rocks**  
Phone: 307-766-3278  
Email: lgoual@uwyo.edu

Ellen Currano, Assistant Professor Botany  
Award Year: 2015  
Proposal Title: **CAREER: Plants, Insects, and the Early Paleogene Hothouse: Using the Past to Assess the Future, While Challenging the Face of Science**  
Phone: 307-766-2819  
Email: ecurrano@uwyo.edu

Jonathan Prather, Associate Professor Zoology & Physiology  
Award Year: 2015  
Proposal Title: **CAREER: From Perception to Action: What Songbird Mate Choice Can Teach Us About Human Decision Making**  
Phone: 307-766-4207  
Email: jprathe2@uwyo.edu
Erica Belmont, Assistant Professor Mechanical Engineering
Award Year: 2018
Proposal Title: CAREER: Bridging the Gap From Biomass Burning to Atmospheric Pollutants
Phone: 307-766-6073
Email: ebelmont@uwyo.edu