

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

Carrick Eggleston, Professor Molecular Biology

Award Year: 1999
Proposal Title: *CAREER: Career Development in the Environmental Geochemistry of Dissolution-Growth and Electron Transfer at the Iron Oxide/Fluid Interface*
Phone: 307-766-6769
Email: carrick@uwyo.edu

James Caldwell, Department Head & Associate 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

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

Zhien Wang, Associate Professor Atmospheric Sciences

Award Year: 2007
Proposal Title: *CAREER: Developing New Airborne Cloud, Aerosol and Water Vapor Observation Capabilities by Synergizing Remote Sensors and in Situ Probes on the University of Wyoming King Air*
Phone: 307-766-5356
Email: zwang@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: mcllemen1@uwyo.edu

Gregory Lyng, Associate Professor Mathematics

Award Year: 2009
Proposal Title: *CAREER: Wyoming Applied Analysis & Computing Group: Behavior of Solutions of Nonlinear Partial Differential Equations*
Phone: 307-766-3351
Email: glyng@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

Jan Kubelka, Associate Professor Chemistry

Award Year: 2009
Proposal Title: *CAREER: Site-Specific Folding Mechanism of Elementary Protein Structural Motifs*
Phone: 307-766-2673
Email: jkubelka@uwyo.edu

Chung-Souk Han, Associate Professor Mechanical Engineering

Award Year: 2010
Proposal Title: *CAREER: Integrated Research and Education on the Size Dependent Deformation in Polymers -- Indentation Tests, Material Modeling, and Numerical Simulations*
Phone: 307-766-2930
Email: chan1@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 & Geology and Geophysics

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

Jeff Clune, Assistant Professor Computer Science

Award Year: 2015
Proposal Title: *CAREER: Creating Robust, Adaptable Computational Intelligence by Recreating Key Properties of Animal Brains*
Phone: 307-766-5190
Email: jeffclune@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: 307-766-5025
Email: jonathan.prather@uwyo.edu