



From: 9/1/2011
To: 12/19/2011
Total Awards To Date: 24

Research Awards

Advanced Tech For Large Stru Sys

Dan M. Frangopol

DOD-Navy-Arlington

Integrating SHM and Time-Variant System Performance of Naval Ship Structures for Near Real-Time Decision Making under Uncertainty: A Comprehensive Framework

START_DATE: 12/1/2011 **END_DATE:** 11/30/2015

Clay Joshua Naito

Precast/Prestressed Concrete Institute

Development of a Blast and Ballistic Resistant Precast Concrete Armored Wall System

START_DATE: 9/1/2011 **END_DATE:** 8/31/2012

James M. Ricles

Purdue University

NEES Consortium Operations: FY 2012

START_DATE: 10/1/2011 **END_DATE:** 9/30/2012

Richard Sause

University of Arizona

NEESR: Inertial Force-Limiting Floor Anchorage Systems for Seismic-resistant Building Structures

START_DATE: 10/1/2011 **END_DATE:** 9/30/2014

Richard Sause

U.S. Department of Transportation

Core Fund: Advancing Steel and Concrete Bridge Technology to Improve Infrastructure Performance

START_DATE: 9/30/2011 **END_DATE:** 9/29/2016

Art Galleries

Ricardo Viera

PA-Council on the Arts

Lehigh University Art Galleries 2011-2012

START_DATE: 9/1/2011 **END_DATE:** 8/31/2012

Bioengineering Program

Yaling Liu

NSF-Directorate for Engineering

Collaborative Research: Characterization of Nanosensor Field-Assisted Detection of Biomarkers at Ultraflow Concentration

START_DATE: 9/1/2011 **END_DATE:** 8/31/2014

Biological Sciences

Robert V. Skibbens

U.S. Department of Health and Human Services

Mechanisms of Sister Chromatid Pairing

START_DATE: 9/1/2011 **END_DATE:** 8/30/2014

Chemical Engineering

Israel E. Wachs

NSF-Directorate for Engineering

Collaborative Research: Fundamentals of Natural Gas Conversion to Fuels and Chemicals over Molybdenum Nanostructures

START_DATE: 11/1/2011 **END_DATE:** 10/31/2014

Chemistry

Robert A. Flowers

NSF-Directorate for Mathematical and Physical Sciences

International Collaboration in Chemistry: Catalytic Atom-Economical Aromatic Substitutions via Radicals

START_DATE: 9/15/2011 **END_DATE:** 8/31/2014

Kerney Jebrell Glover

U.S. Department of Health and Human Services

Investigation of Caveolin Structure, Topology, and Oligomerization

START_DATE: 12/1/2011 **END_DATE:** 11/30/2016

Computer Science & Engineering

Daniel P. Lopresti

BBN Technologies Corp.

Multilingual Automated Document (MADCAT) Phase IV

START_DATE: 9/30/2011 **END_DATE:** 3/31/2012

Ctr for Advanced Mat Nanotechnology

Richard P. Vinci

NSF-Directorate for Engineering

Structure and Micro-Fracture Testing of Single Grain Boundaries in Ceramics

START_DATE: 9/1/2011 **END_DATE:** 8/31/2013

Earth & Environmental Sciences

Robert K. Booth

NSF-Directorate for Biological Sciences

Collaborative Research: Drought as a Trigger for Rapid State Shifts in Kettlehole Ecosystems

START_DATE: 9/1/2011 **END_DATE:** 8/31/2014

Frank J. Pazzaglia

NSF-Directorate for Geosciences

EarthScope RAPID: Geodetic and Seismological Response of the Mineral, VA Earthquake, 23 August, 2011

START_DATE: 11/1/2011 **END_DATE:** 10/31/2012

Zicheng Yu

NSF-Directorate of Polar Programs

Collaborative Research: RUI: Sensitivity of Circum-Arctic Peatland Carbon to Holocene Warm Climates and Climate Seasonality

START_DATE: 9/1/2011 **END_DATE:** 8/31/2014

Peter K. Zeitler

NSF-Directorate for Geosciences

Collaborative Research: Lhasa Block Top to Bottom-Lithospheric Evolution of Asia's Leading Edge

START_DATE: 9/1/2011

END_DATE: 8/31/2016

Elec & Comp Engr

James C.M. Hwang

DOD-Air Force-Office of Scientific Research

Intergovernmental Personnel Act (IPA) Agreement

START_DATE: 9/1/2011

END_DATE: 8/31/2012

Sushil Kumar

NSF-Directorate for Engineering

High Power Quantum Cascade Laser for Terahertz Applications

START_DATE: 9/1/2011

END_DATE: 8/31/2014

Enterprise Systems Center

Emory W. Zimmers

Ben Franklin Technology Partners

Harvel Plastics

START_DATE: 11/17/2011

END_DATE: 5/31/2012

Emory W. Zimmers

Harvel Plastics

Harvel Plastics, Inc.

START_DATE: 11/17/2011

END_DATE: 5/31/2012

Emory W. Zimmers

PA Dept of Community & Economic Development

Nestle V: Agile Manufacturing FY 2009-2012

START_DATE: 9/9/2011

END_DATE: 6/30/2012

Industrial & Systems Engr

Theodore K. Ralphs

NSF-Directorate for Engineering

Decomposition-based Optimization: A New Solver Paradigm

START_DATE: 10/1/2011

END_DATE: 9/30/2014

Mechanical Engr & Mechanics

John B. Ochs

NSF-Directorate for Education And Human Resources

Collaborative Research: Assessing Individual Ethical Reasoning and Team Ethical Climate: Understanding Their Relationship in Undergraduate Design Teams

START_DATE: 10/1/2011

END_DATE: 9/30/2014