EXTERNAL GRANT RECIPIENTS

2013-2014

Congratulations to all Award Winners

Principal Investigator: (PI)
Co-Principal Investigator: (Co-PI)

PI: Dr. John Barthell
Title: INBRE Supplemental equipment grant
Funding agency: INBRE – OU Health Sciences Center
Provost's Office

PI: Dr. John Barthell
Title: REU Site: Integrative Biological Studies of Honey Bees in the Republic of Turkey
Funding Agency: National Science Foundation
Provost's Office

PI: Mr. Jeffrey Boland
Title: Oklahoma Wild Program
Funding agency: Oklahoma Department of Wildlife Conservation
Administration & Finance

PI: Dr. Christopher Butler
Title: Assessing Black Rail occupancy and vocalizations along the Texas Gulf Coast
Funding Agency: Texas Parks & Wildlife Department
College of Mathematics & Science

PI: Dr. Christopher Butler
Title: Status of Birds in Region 6
Funding Agency: Fish and Wildlife Service
College of Mathematics & Science
PI: Dr. Wei Chen  
Title: A Novel Multifunctional Bionanoprobe-based Phototherapy for Metastatic Cancers  
Funding Agency: National Institutes of Health  
College of Mathematics & Science

PI: Dr. Wei Chen  
Title: Institute of International Education Fulbright Scholar Iraq Program  
Funding Agency: U.S. Department of State  
College of Mathematics & Science

PI: Dr. Joselina Cheng  
Title: HS Summer Forensics Academy  
Funding Agency: Oklahoma State Regents for Higher Education  
College of Business

PI: Dr. Joselina Cheng  
Title: The R&D STEM Tutorials  
Funding Agency: EPSCoR  
College of Business

PI: Dr. Lilian Chooback  
Title: Inhibiting E. Coli Dihydridipicolinate Synthase: A path to Drug Design (equipment)  
Funding Agency: Oklahoma INBRE  
College of Mathematics & Science

PI: Dr. Jay Corwin  
Title: Operation Degree Completion  
Funding agency: TG Foundation  
Enrollment Management

PI: Dr. Robert Delano  
Title: 2014 Oklahoma Highway Safety Seat Belt Observation  
Funding Agency: Oklahoma Highway Safety Office (OHSO) (federal pass through from the US Depart of Transportation)  
College of Education & Professional Studies

PI: Dr. Robert Delano  
Title: Oklahoma Pickup Truck Seatbelt Usage Survey: 2014  
Funding Agency: Oklahoma Highway Safety Office (Department of Transportation)  
College of Education & Professional Studies

PI: Dr. Bryan Duke  
Title: Resident Teacher Support Program  
Funding Agency: Oklahoma Commission for Teacher Preparation and Oklahoma State Regents for Higher Education  
College of Education & Professional Studies
PI: Dr. Bryan Duke  
Title: PRA AT&T/FD  
Funding Agency: AT&T Foundation  
College of Education & Professional Studies

PI: Mr. Brad Ferguson  
Title: CPB NPPAG 2014  
Funding agency: Corporation for Public Broadcasting  
President's Office

PI: Mr. Brad Ferguson  
Title: CPB CSG 2014  
Funding agency: Corporation for Public Broadcasting  
President's Office

PI: Mr. Brad Ferguson  
Title: KCSC – Communities Foundation of Oklahoma  
Funding agency: Better Music Club  
President's Office

PI: Mr. Brad Ferguson  
Title: KCSC Kirkpatrick Fund 2014  
Funding agency: Better Music Club  
President's Office

PI: Mr. Brad Ferguson  
Title: KCSC – McCune Foundation Grant  
Funding agency: Better Music Club  
President's Office

PI: Dr. Jicheng Fu  
Title: Summer Mentor  
Funding Agency: Oklahoma State Regents for Higher Education  
College of Mathematics & Science

PI: Dr. Joseph Grzybowski  
Title: Assessing Black-capped Vireo Response to Wildfire in SW Oklahoma  
Funding Agency: Oklahoma Department of Wildlife Conservation (pass through from US Fish & Wildlife Service)  
College of Mathematics & Science

PI: Dr. Joseph Grzybowski  
Title: Black-capped Vireo Survey-Endangered Species, Fort Sill, OK  
Funding Agency: Texas A& M University AGRILIFE Research (pass through from US Army Corps of Engineers)  
College of Mathematics & Science
PI: Dr. Joseph Grzybowski
Title: Developing Regional Partnerships for the Gulf Coast Prairie Landscape Conservation Cooperative
Funding Agency: Texas A&M University AGRILIFE Research (pass through from US Army Corps of Engineers)
College of Mathematics & Science

PI: Mr. Jeff Harp
Title: Oklahoma County Sheriff’s Office 2M2L Youth Alcohol Campus Community Task Force
Funding Agency: Oklahoma Department of Substance Abuse
Police Services

PI: Ms. Jean Hendrickson
Title: Oklahoma A+ School: Making the Arts Essential to Whole School Reform
Funding Agency: National Endowment for the Arts
Oklahoma A+ Schools

PI: Dr. Keith Higa
Title: Oklahoma Teacher’s Connection Multicultural Education Institute Minority Youth Leadership Session
Funding Agency: Oklahoma State Regents for Higher Education
College of Education & Professional Studies

PI: Dr. Mohammad Hossan
Title: Summer Mentor
Funding Agency: Oklahoma State Regents for Higher Education
College of Mathematics & Science

PI: Ms. Karen Hutchens
Title: Oklahoma Teacher’s Connection Scholarships for Teacher Recruitment to High-Need Urban Schools
Funding Agency: Oklahoma State Regents for Higher Education
College of Education & Professional Studies

PI: Dr. Yuhao Jiang
Title: Perception and Model Prediction in X-ray and MR Images
Funding Agency: Oklahoma INBRE
College of Mathematics & Science

PI: Dr. Yuhao Jiang
Title: New Curriculum Development: ENGR 4xx3 modeling and Analysis of Biomedical Systems OSRHE
Funding Agency: Oklahoma State Regents for Higher Education
College of Mathematics & Science

PI: Ms. Sandra Kent
Title: Leading the Change to Common Core State Standards: An Oklahoma A+ Schools Professional Development (Year 2)
Funding Agency: Oklahoma State Regents for Higher Education
Oklahoma A+ Schools
PI: Ms. Sandra Kent  
Title: OkA+ Schools: Making the Arts Essential to Whole School Reform (Year 2)  
Funding Agency: National Endowment for the Arts  
Oklahoma A+ Schools

PI: Dr. Morshed Khandaker  
Title: Small Equipment Grant  
Funding Agency: Oklahoma INBRE  
College of Mathematics & Science

PI: Dr. Morshed Khandaker  
Title: Summer Mentor  
Funding Agency: Oklahoma State Regents for Higher Education  
College of Mathematics & Science

PI: Dr. Hari Kotturi  
Title: Resveratrol Analogues against Hepatitis C Virus  
Funding Agency: Oklahoma State Regents for Higher Education  
College of Mathematics & Science

PI: Dr. Evan Lemley  
Co-PI: Dr. Elizabeth Allan  
Title: Leading by Example for Engineering Design  
Funding Agency: Putnam City Schools (pass through from Oklahoma State Department of Education)  
College of Mathematics & Science

PI: Dr. James Machell  
Title: Regents Business Partnership Excellence Award Grant  
Funding agency: Oklahoma State Regents for Higher Education  
College of Education & Professional Studies

PI: Dr. Scott McLaughlin  
Title: Regular Preschool Program – Hearing Impaired  
Funding agency: Oklahoma State Department of Rehabilitation  
College of Education & Professional Studies

PI: Dr. Ronald Miller  
Title: Engineering Physics Explorations  
Funding Agency: Oklahoma State Regents for Higher Education  
College of Mathematics & Science

PI: Dr. Tracy Morris  
Title: Motor Vehicle Collision Data Analysis  
Funding Agency: Oklahoma Highway Safety Office (OHSO) (federal pass through from the US Department of Transportation)  
College of Mathematics & Science
PI: Ms. Leigha Pemberton
Title: 2014 Endeavor Games: Paralympic Integrated Adaptive Sports Program
Funding agency: US Olympic Committee
Student Affairs

PI: Ms. Leigha Pemberton
Title: 2014 Endeavour Games
Funding agency: Edmond Woman’s Club
Student Affairs

PI: Ms. Leigha Pemberton
Title: Adventure Therapy
Funding agency: US Olympic Committee
Student Affairs

PI: Ms. Leigha Pemberton
Title: Coaches Education
Funding agency: US Olympic Committee
Student Affairs

PI: Ms. Leigha Pemberton
Title: Paralympic Athlete Development Program
Funding agency: US Olympic Committee
Student Affairs

PI: Ms. Leigha Pemberton
Title: Paralympic Sport Management – Powerlifting
Funding agency: US Olympic Committee
Student Affairs

PI: Ms. Leigha Pemberton
Title: Paralympic Sport Management – Powerlifting Resident Training
Funding agency: US Olympic Committee
Student Affairs

PI: Dr. Myron Pope
Title: Student Support Services Traditional
Funding agency: US Department of Education
Office of Research & Grants

PI: Dr. Myron Pope
Title: Upward Bound Program
Funding agency: US Department of Education
Office of Research & Grants
PI: Dr. Myron Pope  
Title: *Upward Bound Math & Science*  
Funding agency: US Department of Education  
Office of Research & Grants

PI: Dr. Douglas Reed  
Title: *OK Geriatric Education Center*  
Funding Agency: OU Health Science Center  
College of Liberal Arts

PI: Dr. Julia Reed  
Title: *NCAA CHOICES Grant*  
Funding agency: National Collegiate Athletic Association  
Student Affairs

PI: Dr. Linda Rittner  
Title: *Professional Development on Your Plan*  
Funding agency: Oklahoma State Department of Education  
College of Education & Professional Studies

PI: Dr. Dana Rundle  
Title: *Discovering Chemistry in Human Health*  
Funding Agency: Oklahoma State Regents for Higher Education  
College of Mathematics & Science

PI: Dr. Susan Scott  
Title: *Oklahoma Teacher’s Connection Preparing K12 Students for College, Career & Teaching Project*  
Funding Agency: Oklahoma State Regents for Higher Education  
College of Education & Professional Studies

PI: Dr. Susan Scott  
Title: *Oklahoma Teacher’s Connection Prospective Teachers Academy 2*  
Funding Agency: Oklahoma State Regents for Higher Education  
College of Education & Professional Studies

PI: Candy Sebert  
Title: *New Career Tech Teacher Induction Initiative*  
Funding Agency: OK Dept. of Career & Technology  
College of Education & Professional Studies

PI: Dr. Charlotte Simmons  
Title: *CURE-S-STEM*  
Funding agency: National Science Foundation  
College of Mathematics & Science
**PI: Dr. Charlotte Simmons**  
Title: *CURE-SSS-STEM*  
Funding agency: US Department of Education  
College of Mathematics & Science

**PI: Dr. Charlotte Simmons**  
Title: *OSRHE Equipment 2013*  
Funding agency: Oklahoma State Regents for Higher Education  
College of Mathematics & Science

**PI: Ms. Susan Urbach**  
Title: *Small Business Development Center 2014*  
Funding agency: Oklahoma Small Business Development  
College of Business Administration

**PI: Ms. Susan Urbach**  
Title: *SBDC Supplemental 2014*  
Funding agency: Oklahoma Small Business Development  
College of Business Administration

**PI: Dr. Greg White**  
Title: *Broadway Tonight FY14*  
Funding Agency: Oklahoma Arts Council  
College of Fine Arts & Design

**PI: Dr. Keith White**  
Title: *CFAD Chamber Orchestra*  
Funding Agency: Oklahoma Arts Council  
College of Fine Arts & Design

**PI: Dr. Gregory Wilson**  
Title: *Research Day 2014*  
Funding agency: Oklahoma State Regents for Higher Education  
Office of Research & Grants

**PI: Dr. Gregory Wilson**  
Title: *EPSCoR Research Day 2013*  
Funding Agency: Oklahoma State University-EPSCoR (federal pass through from National Science Foundation)  
Office of Research & Grants

**PI: Dr. Gregory Wilson**  
Title: *OK-LSAMP-STEM*  
Funding agency: Oklahoma State University  
Office of Research & Grants
PI: Dr. Gregory Wilson  
Title: Smart Start ARRA Fed Personnel Grant  
Funding agency: Oklahoma Partnership for School  
Office of Research & Grants

PI: Dr. Greg Wilson  
Title: OPSRF Professional Services Contract  
Funding Agency: Oklahoma Partnership for School Readiness Foundation (federal pass through from  
Department of Health and Human Services)  
Office of Research & Grants

PI: Dr. Gang Xu  
Title: Probing the mechanics of the axoneme in genetically-modified flagella  
Funding Agency: Washington University (federal pass through from National Science Foundation)  
College of Mathematics & Science

PI: Ms. Karen Youngblood  
Title: 2014 National Tornado Summit  
Funding Agency: State Farm  
Academic Affairs