EXTERNAL GRANT RECIPIENTS

2014-2015

Congratulations to all Award Winners

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

PI: Dr. Elizabeth Allan
Title: OK STEM Network
Funding Agency: Oklahoma State Department of Education
College of Mathematics & Science

PI: Dr. Kanika Bhargava
Co-PI: Dr. Hari Kotturi
Title: Antibiofilm Effect of Cinnamon Oil Nanoemulsions on Staphylococcus aureus, MRSA and VRSA
Funding Agency: OK INBRE
College of Education & Professional Studies

PI: Ms. Ines Burnham
Title: Children’s Opera Arts Outreach
Funding Agency: Oklahoma Arts Council
College of Fine Arts & Design
PL: Ms. Ines Burnham  
Title: Special Needs Arts Outreach  
Funding Agency: Oklahoma Arts Council  
College of Fine Arts & Design

PL: Dr. Christopher Butler  
Title: Migratory connectivity in Yellow Rails, Le Conte Sparrow, and Sedge Wrens  
Funding Agency: US Forest Service (USDA)  
College of Mathematics & Science

PL: Dr. William Caire  
Title: Survey of Eastern Oklahoma Cave Soils for Pseudogymnoascus destructans DNA  
Funding Agency: United States Fish and Wildlife Service  
College of Mathematics & Science

PL: Ms. Stephanie Canada-Phillips  
Co-PL: Dr. Lisa Lohmann  
Title: Honoring the Noble Profession  
Funding Agency: Oklahoma State Regents for Higher Education  
College of Education & Professional Studies

PL: Dr. Wei Chen  
Title: Antitumor Effect of Hemp Oil  
Funding Agency: Earth Science Tech, Inc.  
College of Mathematics & Science

PL: Dr. Wei Chen  
Title: Cellular immunological responses induced by glycated chitosan  
Funding Agency: Immunophotonics, Inc  
College of Mathematics & Science

PL: Dr. Wei Chen  
Title: Fulbright Iraq Scholar Program,  
Funding Agency: Institute of International Education (IIE)  
College of Mathematics & Science

PL: Dr. Wei Chen  
Title: INBRE Summer Research Program  
Funding Agency: OUHSC Pass-through NIH  
College of Mathematics & Science
**PI: Dr. Wei Chen**  
Title: *Laser-nanotechnology Based Novel Therapy for Metastatic Cancers*  
Funding Agency: OK INBRE  
College of Mathematics & Science

**PI: Dr. Jay Corwin**  
Title: *Operation Degree Completion*  
Funding Agency: TG Philanthropy  
Student Affairs

**PI: Dr. Robert Delano**  
Title: *2015 Oklahoma Pickup Truck Seatbelt Usage Survey*  
Funding Agency: Oklahoma Highway Safety Office  
College of Education & Professional Studies

**PI: Dr. Robert Delano**  
Title: *2015 Statewide Seatbelt, Child Restraint & Motorcycle Helmet Surveys*  
Funding Agency: Oklahoma Highway Safety Office  
College of Education & Professional Studies

**PI: Dr. Christopher Domanski**  
Co-PI: Ms. Angela Morris  
Title: *Contextualizing Political Cartoons*  
Funding Agency: Oklahoma Humanities Council  
College of Fine Arts & Design

**PI: Dr. Jicheng Fu**  
Title: *INBRE Summer Research Program*  
Funding Agency: OUHSC Pass-through NIH  
College of Mathematics & Science

**PI: Dr. Jicheng Fu**  
Title: *Needs Assessment for an intervention to prevent obesity in Hispanic preschoolers*  
Funding Agency: Oklahoma University Health Sciences Center  
College of Mathematics & Science

**PI: Dr. Joseph Grzybowski**  
Title: *Cowbird Trapping & Black-Capped Vireo Monitoring Fort Sill, Oklahoma*  
Funding Agency: GSRC (Gulf South Research Corp.) - pass through USACE  
College of Mathematics & Science
PI: Dr. Joseph Grzybowski  
Title: Status of the Black-capped Vireo at Fort Sill Military Reservation Comanche County, Oklahoma  
Funding Agency: United States Department of Defense  
College of Mathematics & Science

PI: Dr. April Haulman  
Co-PI: Ms. Regina Lopez  
Title: Future Multicultural Educators  
Funding Agency: Oklahoma State Regents for Higher Education  
College of Education & Professional Studies

PI: Ms. Melissa Hayt  
Title: UCO Shooting Club  
Funding Agency: National Shooting Sports Foundation  
Student Affairs

PI: Mr. Kennan Horn  
Title: Vet Center Initiative  
Funding Agency: Home Depot & Student Veterans of America  
Student Affairs

PI: Dr. Mohammad Hossan  
Co-PIs: Dr. Aleddin Abu-Abed, Dr. Morshed Khandaker  
Title: Acquisition of Reactive Ion Etcher (RIE) for Biomedical Research  
Funding Agency: OK INBRE  
College of Mathematics & Science

PI: Dr. Mohammad Hossan  
Title: Separation and Purification of Cardiac Troponin in a Microchip  
Funding Agency: OK INBRE  
College of Mathematics & Science

PI: Ms. Amy Johnson  
Title: Adopt Ugly  
Funding Agency: Sappi  
College of Fine Arts & Design

PI: Ms. Sandra Kent  
Title: Oklahoma A+ Schools  
Funding Agency: Oklahoma State Department of Education  
Oklahoma A+ Schools
PI: Dr. Morshed Khandaker  
Title: *Repair of Evex Mechanical Tester*  
Funding Agency: OK INBRE  
College of Mathematics & Science

PI: Dr. Jeffrey King  
Title: *The Official Transformative Learning Record; Assessing Student Transformation*  
Funding Agency: United States Department of Education  
Center for Excellence in Transformative Teaching and Learning

PI: Dr. Hari Kotturi  
Title: *Using Muse Cell Analyzer for Anti-neoplastic Drug Screening*  
Funding Agency: OK INBRE  
College of Mathematics & Science

PI: Dr. Evan Lemley  
Co-PI: Dr. Gang Qian  
Title: *MRI: Acquisition of a High Performance Computing Cluster for Undergraduate Research at a Predominantly Undergraduate Institution*  
Funding Agency: National Science Foundation – MRI  
College of Mathematics & Science

PI: Dr. James Machell  
Title: *Ready to Work Partnership Grant – Masters of Secondary Education*  
Funding Agency: Department of Labor  
College of Education & Professional Studies

PI: Ms. Angela Morris  
Title: *Save, Teach, Fix, and Change Project*  
Funding Agency: Kirkpatrick Foundation  
College of Fine Arts & Design

PI: Dr. Mike Nelson  
Title: *Scholarships for Teacher Recruitment to Urban Schools*  
Funding Agency: OSRHE  
College of Education & Professional Studies

PI: Ms. Leigha Pemberton  
Title: *Grants for Adaptive Sports Programs for Disabled Veterans and Disabled Members of the Armed Forces*  
Funding Agency: The Office of National Veterans Sports Programs & Special Events  
Wellness Center
PI: Dr. Myron Pope  
Co-PI: Mr. Barry Lofton  
Title: GEAR UP Central  
Funding Agency: United States Department of Education  
Student Affairs

PI: Dr. Jill Priest  
Title: High School Dance Festival  
Funding Agency: Oklahoma Arts Council  
College of Fine Arts & Design

PI: Dr. Douglas Reed  
Co-PI: Dr. Thomas Teasdale  
Title: OK Geriatric Education Centers  
Funding Agency: OUHSC (Pass through NIH)  
College of Liberal Arts

PI: Dr. Tess Remy-Schumacher  
Title: Historic Performance Outreach  
Funding Agency: Oklahoma Arts Council  
College of Fine Arts & Design

PI: Dr. Susan Scott  
Title: Preparing K12 Students for College, Career & Teaching Project Year 2  
Funding Agency: Oklahoma Teacher Connection  
College of Education & Professional Studies

PI: Dr. Linda Sealey  
Title: Reg. Preschool Program for the Hearing Impaired  
Funding Agency: Department of Rehabilitation Service  
College of Education & Professional Studies

PI: Dr. Jessica Sheetz-Nguyen  
Title: Monuments of Rome in English Culture  
Funding Agency: National Endowment for the Humanities  
College of Liberal Arts

PI: Dr. Charlotte Simmons  
Title: INBRE Equipment Grant  
Funding Agency: OK INBRE  
College of Mathematics & Science
**PI: Dr. Melville Vaughan**  
Title: *INBRE Summer Research Program*  
Funding Agency: OUHSC Pass-through NIH  
College of Mathematics & Science

**PI: Dr. Tyler Weldon**  
Title: *Partnership, Feedback and Reflection: Developing H.O.T. Teachers*  
Funding Agency: Oklahoma State Department of Education  
College of Education & Professional Studies

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

**PI: Dr. Greg Wilson**  
Title: *Oklahoma Louis Stokes Alliance for Minority Participation Phase 5*  
Funding Agency: Oklahoma State University (pass-through NSF)  
Academic Affairs

**PI: Dr. Greg Wilson**  
Title: *Smart Start*  
Funding Agency: OPSRF (pass through DHHS)  
Academic Affairs

**PI: Dr. Greg Wilson**  
Title: *Smart Start - OPSRF Professional Services*  
Funding Agency: OPSRF (pass through DHHS)  
Academic Affairs

**PI: Dr. Gang Xu**  
Title: *Quantifying the Structural Dependence of Flagellar Biomechanics and Motility*  
Funding Agency: OK INBRE  
College of Mathematics & Science

**PI: Ms. Karen Youngblood**  
Title: *Tornado Preparedness Summit*  
Funding Agency: State Farm  
Academic Affairs