Congratulations to the Recipients of the Student RCSA Grant awards for 2010-2011

Title: “The Impact of Balance Training on Falls Efficacy and Functionality in Assisted Living Adults”  
Student: Larissa Adams  
Mentor: Dr. Melissa Powers

Title: “The Effects of a Weight Reduction Intervention on Body Fat Percentage of Overweight Lesbian Females”  
Student: Rachel Allen  
Mentor: Dr. Melissa Powers

Title: “Fluid in Bone Tissue Engineering Materials”  
Student: Grant Armstrong  
Mentor: Dr. Evan Lemley

Title: “Fluid Flow and Frictional Pressure Losses through Irregular Shaped Microchannels”  
Student: Andrew Baker  
Mentor: Dr. Evan Lemley

Title: “Effect of Exogenously-Applied Jasmonic Acid on Biomass and Enzyme Activity of 3-Hydroxy-3Methylglutaryl Coenzyme A Reductase and Phenylalanine Ammonia Lyase in Oscillum basilicum, Salvia officinalis, and Cataria nepeta”  
Student: Joceyln Bennett  
Mentor: Dr. James Bidlack

Title: “Personality Interactions in Speed Dating Situations”  
Student: Molly Butler  
Mentor: Dr. Mickie Vanhoy

Title: “Effects of Embrocation Oil on Power Output in Cyclists”  
Student: Jonathan Cannizzo  
Mentor: Dr. Brady Redus

Title: “How Color can Influence the Foraging Dynamics of the Honey Bee, Apis mellifera”  
Student: Meredith Clement  
Mentor: Dr. John Barthell

Title: “Comparative Phylogeography of Two Species of Peromyscus in Oklahoma and Adjacent States”  
Student: Tiffany Cloud  
Mentor: Dr. Gregory Wilson

Title: “Lloyd's of London: Consolidation and Diffusion of Power in the Late Nineteenth Century”  
Student: Jennifer Corley  
Mentor: Dr. Jessica Sheetz-Nguyen

Title: “Priming for Danger in Bystander Intervention”  
Student: Craig Cruzan  
Mentor: Dr. Robert Mather

Title: “Emotion Recognition Patterns in Autism”  
Student: Arpana Dalaya  
Mentor: Dr. Mickie Vanhoy
Title: “Diversify Design Campaign”
Student: Wayne Dallas II  
Mentor: Ms. Amy Johnson

Title: “Measurement of Interfacial Strength of Engineered Tissue Constructs”
Student: Kelli Duggan  
Mentor: Dr. Morshed Khandaker

Title: “How Does the Lack of a Large Supermarket Impact the Health of Residents in Poorer Neighborhoods of Northeastern Oklahoma City”
Student: Yolanda Emerson  
Mentor: Dr. Sunshine Cowan

Title: “Gentrification in Two Historically African-American Neighborhoods: The Deep Deuce and Greenwood”
Student: Traci Ferguson  
Mentor: Dr. Douglas Hurt

Title: “The Creation of Behavioral Measures of Extraversion and Neuroticism”
Student: Jason Ferrell  
Mentor: Dr. Alicia Limke

Title: “Recreation of Bone-Cartilage Interfacial Strength”
Student: Robert Fleenor  
Mentor: Dr. Morshed Khandaker

Title: “Measuring Strategic Communication Alignment in the Classroom to Foster Transformative Learning”
Student: Katerina Gabrovská  
Mentor: Dr. Robert Epstein

Title: “Website Layout and Effective Banner Advertising”
Student: Adam Gault  
Mentor: Ms. Rukmini Ravikumar

Title: “Genetic Variation in a Northern Grasshopper Mouse Population (Onychomys leucogaster) from Southern Texas”
Student: Michelle Gerlosky  
Mentor: Dr. Michelle Haynie

Title: “Developing the use of Linguistic Analysis in Psychology and Transformative Learning through Advances with the LIWC”
Student: Justin Gibbons  
Mentor: Dr. Angela Knight

Title: “Nomenclature and its Effect on Anthropomorphism”
Student: Jennifer Gough  
Mentor: Dr. Gabriel Rupp

Title: “The Effect of Non-Leading Foot Placement on Peak Power in the Fencing Lunge”
Student: Carolyn Gresham-Fiegel  
Mentor: Dr. Michelle Gray

Title: “Experimental Investigation of Laminar Flow Through PDMS Microchannel Networks”
Student: Andrew Henderson  
Mentor: Dr. Evan Lemley

Title: “Wild Goose Mothers: Experiences of Korean Parents in a Large Regional University's Bilingual Education Teacher Preparation Program”
Student: Kathryn Hildebrand  
Mentor: Ms. Susan Popplewell

Title: “Early Communication Intervention for Children with Regressive Autism”
Student: Ee Rea Hong  
Mentor: Dr. Barbara Green

Title: “Attractiveness of Male Bodies Across the Menstrual Cycle”  
Student: Ashalee Hurst  
Mentor: Dr. Robert Mather

Title: “The Territorial Normal School of Oklahoma and Edmond: A Study in the Symbiotic Relationship of Community”  
Student: Clary James  
Mentor: Dr. Heidi Vaughn

Title: “The Impact of Speculative Trading on the Connection between Oil and Gas Prices”  
Student: Mengzhu Ji  
Mentor: Dr. Zhen Zhu

Title: “Poor Relief in Victorian London: The Bow Road Workhouse”  
Student: Jessica Jones  
Mentor: Dr. Jessica Sheetz-Nguyen

Title: “Evaluating the Effectiveness of Three Ecological Niche Models in Predicting the Distribution of a Rare Plant Species”  
Student: Eric Judd  
Mentor: Dr. Chris Butler

Title: “Examining the Extent of the Hummingbird Hybridization in Oklahoma and Texas”  
Student: Erica Judd  
Mentor: Dr. Chris Butler

Title: “Liquid Crystal Based Optical Sensor”  
Student: Pankaj Karna  
Mentor: Dr. Alaeddin Abu-Abed

Title: “Resistance Training Effects on HbA1c Levels in American Indians”  
Student: Jerod Kersey  
Mentor: Dr. Greg Farnell

Title: “The Differences in Endurance of More Successful and Less Successful Division Two Collegiate Wrestlers”  
Student: Clayton Key  
Mentor: Dr. Melissa Powers

Title: “Fleshy Fungi and their Association Arthropod Biota in Oklahoma”  
Student: Craig Koenigs  
Mentor: Dr. Clark Ovrebo

Title: “Custom Furniture Design Process”  
Student: Sam Ladwig  
Mentor: Ms. Amy Jacobson-Peters

Title: “The Dialectical Tensions Negotiated by Ethnic Minority Workers of Asian Descent in Majority Companies”  
Student: Jimmy Le  
Mentor: Dr. Jeanetta Sims
Title: “Effect of Bitter Melon Leaf Extract mdr 1 Gene Expression and Function of P-gp Protein in Drug Resistant Colon Cancer Cells”
Student: Hui Hui Lee
Mentor: Dr. Hari Shankar Kotturi

Title: “External Validation of Consecutive Matching Striae”
Student: Haodu Li
Mentor: Dr. Deion Chirstophe and Dr. Dwight Adams

Title: “Grandparents Raising Teenage Grandchildren: Cultivating the Third Generation For A Higher Education”
Student: Vertina Long
Mentor: Dr. Glee Bertram

Title: “Computational Fluid Dynamics Experiments on Various Bifurcation Models”
Student: Mansour Mahamane
Mentor: Dr. Jaehoon Seong

Title: “Everything You Need to Know about Acting, but Forgot to Ask”
Student: TaJa Marshall
Mentor: Ms. Daisy Nystul

Title: “Societal Perceptions and Attitudes towards Blindness”
Student: Jeannie Massay
Mentor: Dr. Janelle Grellner

Title: “Evaluative Organization of Self- and Partner Knowledge in Relationships Founded Online”
Student: Patrick Mayfield
Mentor: Dr. Alicia Limke

Title: “The Relationship of Interpersonal Expectancies and Physiological Measures of Attitude”
Student: Sean McMillan
Mentor: Dr. Robert Mather

Title: “Bias in the American Media from the First Red Scare through the Cold War”
Student: Michael Molina
Mentor: Dr. Patricia Loughlin

Title: “Artistic Expression: Music and the Creative Educational Experience”
Student: Genise Morgan
Mentor: Dr. Lori Wooden

Title: “The Neon Subculture”
Student: Alana Murray
Mentor: Ms. Tina Kambour

Title: “Inferring Migratory Connectivity Using Multiple Stable Isotopes”
Student: Son Nguyen
Mentor: Dr. Chris Butler

Title: “The Correlation between Field and Lab Assessments for Muscular Power in Female NAIA Soccer Players”
Student: Kara Nimz
Mentor: Dr. Michelle Gray

Title: “Molecular Identification of Morphologically Similar Species of Necrophagous Flies (Diptera: Calliphoridea) in Oklahoma: Implications for Forensic Entomology”
Student: Elizabeth O’Bannon
Mentor: Dr. Wayne Lord
Title: “Individual and Contextual Differences in Undergraduates’ Perceptions of Juvenile Delinquents”  
Student: Jacob Ogle  
Mentor: Dr. Alicia Limke

Title: “Effect of the Hydroxypatite and Chitosan Nanoparticle on the Fractural Strength of Polymethymethacrylate (PMMA) Bone Cement”  
Student: Niraj Pradhan  
Mentor: Dr. Morshed Khandaker

Title: “Interaction of Hand and Eye Movements”  
Student: Doug Preddy  
Mentor: Dr. Mickie Vanhoy

Title: “The Effects of Controller Type on Acquisition Time in a Visual Search Task”  
Student: Beth Price  
Mentor: Dr. Mickie Vanhoy

Title: “Eye Movement Patterns in Autism II”  
Student: Cidnee Ray  
Mentor: Dr. Mickie Vanhoy

Title: “The Effect of Frustration on Implicit Self-Esteem”  
Student: James Rose  
Mentor: Dr. Robert Mather

Title: “Evaluation of a Neotoma micropus/Neotoma floridana hybrid zone: Twenty years later”  
Student: Ethan Rowell  
Mentor: Dr. Michelle Haynie

Title: “Experimental Study of the Cervical Vertebra in a Static Whiplash Condition”  
Student: Sanjay Sah  
Mentor: Dr. Morshed Khandaker

Title: “Community Gardens: Fostering Community Inclusiveness and Local Food Sustainability”  
Student: Monica Salvador  
Mentor: Dr. Sunshine Cowan

Title: “Historic Preservation thru Adaptive Interior Restoration in Cuba: an Investigation into the Needs and Policies”  
Student: Melissa Santana  
Mentor: Mr. Kevin Steiner

Title: “A Dynamical Approach to Multitasking”  
Student: Crina Silasi-Mansat  
Mentor: Dr. Mickie Vanhoy

Title: “Home Sweet Home…Forever”  
Student: Peggy Silver  
Mentor: Ms. Rukmini Ravikumar

Title: “Symbolism in Colors: Why being Culturally Aware of Color Palettes Inspired by Natural Surroundings are Significant to the World of Design”  
Student: Mary Stearman  
Mentor: Ms. Rukmini Ravikumar

Title: “Study of Color in Brand Identity”  
Student: Chelsea Stewart  
Mentor: Ms. Amy Johnson
Title: “Survey for Angiostrongylus cantonensis in Oklahoma rodents”  
Student: Emily Stine  
Mentor: Dr. Wayne Lord

Title: “Do Yellow Rails (Coturnicops noveboracensis) Engage in Differential Migration?”  
Student: Jill Stinedurf  
Mentor: Dr. Chris Butler

Title: “Understanding Perceptions of UCO Korean Graduate Students toward Academic Plagiarism and the Academic Plagiarism Detection Software, turnitin.com”  
Student: Yeongeun Sung  
Mentor: Ms. Susan Popplewell

Title: "Proposal to Save a Rare Musical Work from Disappearing"  
Student: Paul Sweet  
Mentor: Dr. David Forbat

Title: “Evaluation of Nanocomposite Bone Cement Cytotoxicity Level”  
Student: Stefano Tarantini  
Mentor: Dr. Morshed Khandaker

Title: “Determining which Power Testing Measure Best Predicts Functional Ability in Older Adults”  
Student: Matt Tecmire  
Mentor: Dr. Michelle Gray

Title: “Developing and Supporting College Bound Students Raised by Grandparents”  
Student: Samantha Thomas  
Mentor: Dr. Glee Bertram

Title: “Involvement in Athletic Activities and Presence of Obsessive-compulsive Symptoms”  
Student: Shannon Thomason  
Mentor: Dr. Caleb Lack

Title: “Interior Design Education: The AutoCAD Disconnect”  
Student: Sarah Urquhart  
Mentor: Ms. Valerie Settles

Title: “Power and Philanthropy: a Social History of Lloyd's of London, 1780-1830”  
Student: Mary Vick  
Mentor: Dr. Jessica Sheetz-Nguyen

Title: “Gender Differences in Physical and Social Aggression in Young Adults”  
Student: David Weed  
Mentor: Dr. Caleb Lack

Title: "Understanding the Perceptions of Nature"  
Student: Danielle West  
Mentor: Dr. Jill Devenport

Title: “Ecological Niche Model and Habitat Suitability for Echinocereus reichenbachii”  
Student: Eric Wheeler  
Mentor: Dr. Brook Stabler

Title: “A Correlational Study of 100m Sprinter Height, Sprint-time, Lateral Deviation, Peak Joint-angles, and Peak Joint-velocities”  
Student: Mark Wissler  
Mentor: Dr. Gregory Farnell
Title: “Influence of the Intensity of Sexual Selection on the Distribution of Male Reproductive Success in Collared Lizards”
Student: Josh York
Mentor: Dr. Troy Baird