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## 11. Genetics

Southwestern Oklahoma State University

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## 11 Genetics

### **05.11.01 ~ Comparative Genetic Structure of Mediterranean geckos (*Hemidactylus turcicus*) Interstate 35 between Oklahoma and Texas.**

Susan McKenna - University of Central Oklahoma  
Kaitlin DeHart- University of Central Oklahoma  
Emily Falcon - University of Central Oklahoma  
Samah Houmam - University of Central Oklahoma  
Laura Kimmel - University of Central Oklahoma  
Allyson Fenwick - University of Central Oklahoma

### **05.11.02 ~ Population genetics of an independent invasion of Mediterranean Geckos (*Hemidactylus turcicus*) at the University of Oklahoma**

Samah Houmam - University of Central Oklahoma  
Susan McKenna - University of Central Oklahoma  
Emily Falcon - University of Central Oklahoma  
Laura Kimmel - University of Central Oklahoma  
Kaitlin DeHart - University of Central Oklahoma  
Allyson Fenwick - University of Central Oklahoma

### **05.11.03 ~ Documenting the Established Population of Mediterranean Geckos (*Hemidactylus turcicus*) Near the University of Central Oklahoma**

Emily Falcon - University of Central Oklahoma  
Samah Houmam - University of Central Oklahoma  
Susan McKenna - University of Central Oklahoma  
Kaitlin DeHart- University of Central Oklahoma  
Laura Kimmel - University of Central Oklahoma  
Allyson Fenwick - University of Central Oklahoma

### **05.11.04 ~ Assessing Multiple Paternity in Eastern Red Bats, *Lasiurus borealis*, with Microsatellite Loci**

Brittney Jones - Cameron University  
Morgan Holt - Cameron University  
Samuel Harrison - Angelo State University  
Loren Ammerman -Angelo State University  
Dana Lee - Cameron University

### **05.11.05 ~ Characterization of an X-Linked Microsatellite in Eastern Red Bats (*Lasiurus borealis*) to Determine Genetic Variability Among Offspring**

Morgan Holt - Cameron University  
Brittney Jones - Cameron University  
Dana Lee - Cameron University  
Loren Ammerman -Angelo State University

**05.11.06 ~ Utilizing Cytochrome c Oxidase I (COI) for Microgenomic Identification of Osteichthyes Obtained from Rural and Urban Ponds in the Oklahoma Central Plains**

Melissa Gates - Tulsa Community College

Alissa Eberhard - Tulsa Community College

**05.11.07 ~ Genetic Variation in a Caffeine Metabolism Gene in Human**

Muatasem Ubeidat- Southeastern Oklahoma State University

Evan Hermann - Southwestern Oklahoma State University

Anthony Ngugen - Southwestern Oklahoma State University

**05.11.08 ~ Two Novel Adenoviruses Found in Cave Myotis Bats (*Myotis velifer*)**

Meagan Angiel - Cameron University

Dana Lee - Cameron University

**05.11.09 ~ Nutrient-sensing pathways affect tumor growth in *Drosophila***

Hayley Fischer - Northeastern State University

Joseph Ahlander - Northeastern State University

**05.11.10 ~ Expression of Human Papillomavirus Oncogene Increases Tumor Rates in *Drosophila***

Jennifer Harris - Northeastern State University

Joseph Ahlander - Northeastern State University