# cupGraduate Council

Graduate Student Research

##### Agenda—September 9th, 2014

## WAB 208

 **2:30 p.m.**

#### I. Committee Briefings

####  *FYI: A friendly reminder that student research grants are capped at $2000.00 each*

#### II. New Business

#### 2:30 pm

Stacie Gary, Mathematics (Dr. Schugart)

*Applying Latin Hypercube Sampling Scheme combined with Partial Rank Correlation Coefficient Analysis to Mathematical Models in Wound Healing*

Requesting $1,489.72

**Amount Approved $797.36**

1. 2:45 pm

Manooch Saeedi, Psychological Science (Dr. Jenni Redifer)

*Optimal Motivation and Cognitive Load for Enhanced Math Performance*

Requesting $1,865.00

**Amount Approved $1,115.00**

1. 3:00 pm

Travis Brummett, Computer Science (Dr. Galloway)

*Virtual Resource Management: Design and Deployment of an Infrastructure-as-a-Service Local Cloud Computing Architecture*

Requesting $2,000.00

**Amount Approved $875.00**

1. 3:15 pm

Qianna Xu, Biology (Dr. Michael Collyer)

*Analyses on Body Shape Diversification Among the Pecos Pupfish (Cyprinodon pecosensis) Populations in Relation to Interspecific Interactions and Environmental Factors*

Requesting $1,990.00

**Amount Approved $1,500.00**

1. 3:30 pm

Laken Cooper, Biology (Dr. Noah Ashley)

*Effects of sleep fragmentation on the immune system of zebra finches (Taeniopygia guttata) using cytokine gene expression*

Requesting $2,000.00

**Amount Approved $0.00**

1. 3:45 pm

BethAnne Clayton, School of Kinesiology, Recreation and Sport (Jill Maples)

*Cytokine Response to Body Weight Resistance Training in Lean and Obese Caucasian Women*

Requesting $2,000.00

**Amount Approved $0.00**

1. 4:00 pm

Paige Wessel, School of Kinesiology, Recreation and Sport (Jill Maples)

*Accelerometer Accuracy in Assessing Energy Expenditure*

Requesting $1,970.00

**Amount Approved $1,000.00**

1. 4:15 pm

Michael Gilbert, Biology (Dr. Michael Collyer)

*Impacts of habitat fragmentation and population isolation on the trophic morphology of a threatened desert fish species*

Requesting $1,990.00

**Amount Approved $1,500.00**

1. 4:30 pm

Pezhman Sheinidashtegol, Computer Science (Dr. Michael Galloway)

*Cloud security (understanding the impacts of DoS Attacks on KVM Hypervisor)*

Requesting $2,000.00

**Amount Approved $850.00**