

**April 25, 2012**

**UNDERGRADUATE  
Research & Creative  
Achievement Day**



**Presenters from  
Computer Science**

University Center 3rd Floor

**Oral Presentation, UC 312, 1:15 to 1:30 p.m.**

Students: **Alexander Morrow, Wallace Brown,  
and Kevin Winner**

Mentors: **Dr. Marie desJardins and Dr. Penny  
Rheingans**

**“Multiclass Datasets, their Predictions, and  
their Visualization”**

**Poster Presentations, UC Ballroom, 10:00 a.m. to 12:30 p.m.**

Student: **Chitra Gadwal, Jasmine  
Jones, and Steven Hall**

Mentor **Dr. Amy Hurst**

**“Visualizations for Self-Analysis of Performance for Older  
Adults”**

Students: **Computer Game  
Development Club**

Mentor: **Mr. Neal McDonald**

**“Experiences in Group Game Development”**

Student: **Morgan Madeira**

Mentor: **Dr. Anupam Joshi**

**“Analyzing Social Media Data”**

Student: **Ugonna Ohiri**

Mentor: **Dr. Fow-Sen Choa**

**“Standoff Chemical Detection using Quantum  
Cascade Lasers and Microphone Arrays”**

Student: **Linh Pham**

Mentor: **Dr. Fow-Sen Choa**

**“Photon Excitations and Inhibitions of Cultured Neurons”**

**Poster Presentations, UC Ballroom, 12:30 to 3:00 p.m.**

Students: **Rotem Ganel and Alex MacDonald**

Mentor: **Dr. Marie desJardins**

**“Using Sample Distributions to Accurately  
Calibrate Model Confidence”**

Student: **Sheriff Jolaoso**

Mentors: **Dr. Fow-Sen Choa and Elliot Hong**

**“Spatial and Temporal Analysis of Brain  
Electrical Activity Mapping”**

Students: **Kenneth Miner, Mallorie Ortega,  
and Lorenzo Lalimarmo**

Mentor: **Mr. Neal McDonald**

**“Evolving User Interaction Paradigms in Games  
and Storytelling”**

Students: **Computer Game Development Club**

Mentor: **Mr. Neal McDonald**

**“Experiences in Group Game Development”**

**April 25, 2012**

**Presenters from  
Computer Science**

University Center 3rd Floor

