

# SENIOR PROJECTS

UNIVERSITY OF NEVADA, RENO

FRIDAY MAY 1, 2009, 9:30 AM - 4:00 PM, REL 109, 110



**9:30 am**

**Project 1 DOCS (Document Organization Computing Solutions)**

A web-based application for organizing office physical files (e.g., in law offices)

**Students** Darren Johnson, Kellen Dale, Joel Martinez, Vic Van Horn

**Advisors** Mr. Wes Hays, Mr. John Dell, CASAT Reno



**10:00 am**

**Project 2 Slot Tracker**

A system for Bally Technologies that wirelessly tracks slot machines on casino floors

**Students** Katie Ceglia, David Keele, Michael Picerno, Ben Seelbinder

**Advisor** Mr. Ryan Ruppert, Bally Technologies



**10:30 am**

**Project 3 Muse – A Music Theory Game**

An interactive edutainment software that helps learning music theory

**Students** Ben Brown, Josh Greenspan, Wesley Lee

**Advisor** Dr. Eelke Folmer, UNR



**11:00 am**

**Project 4 GELS (General Electric Licensing System)**

A web application for managing General Electric's software licensing

**Students** Miran Kim, Xiaolu (Lulu) Zhang, Victor Ivanov

**Advisor** Mr. Ken Ceglia, General Electric

**11:30 am**

CSE Department Advisory Board Meeting & Lunch Break

**1:00 pm**

**Posters & Demos**

CSE research, game development and senior projects



**1:30 pm**

**Project 5 Wild-CAVE (Wireless Ergonomic Lightweight Device – For use in CAVE)**

An interaction glove for immersive virtual reality simulation and training

**Students** Joshua Hegie, Andrew Kimmel, Kelvin Parian

**Advisor** Dr. Frederick C. Harris, Jr., UNR



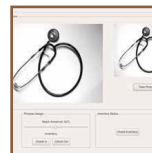
**2:00 pm**

**Project 6 HEDC (Human Error Detection and Correction)**

A human error detection and correction navigation system implemented on a Segway robot

**Students** Trevor Bullock, Arthur LeVesque, Ryan Luna

**Advisor** Dr. Kostas Bekris, UNR



**2:30 pm**

**Project 7 IRIS (Image Recognition Inventory System)**

An image-based medical instruments inventory system for hospitals in Africa

**Students** Matt Whipple, Cody White (with Fabien Pitetti, Vincent Roydor)

**Advisors** Dr. Philippe Dugerdil, Mr. Francois Wahl, Geneva, Switzerland



**3:00 pm**

**Project 8 Standalone Hard Drive Manager**

A standalone hard disk test manager system for PC-Doctor

**Students** Amanda Sou, Javier Garcia, Curtis Richardson

**Advisors** Mr. Ken Sheppard, Mr. Hector Urtubia, PC-Doctor, Inc., Reno, NV



**3:30 pm**

**Project 9: iPack – A UNR iPhone Application**

A UNR information and navigation system for the iPhone

**Students** A.J. Hernandez, Chris Maloney, Jeff Naruchitparames

**Advisor** Mr. Brian Westphal, CliqCliq

**4:00 pm**

Concluding remarks, Dr. Sergiu Dascalu, instructor CSE Senior Projects