9:30 am  
Project 1: CITRIN – C++ Interactive Interpreter  
An intuitive code interpreter that helps students learn C++ programming  
Students: Jessica Hall, Shaun Davidson, Christopher Salls, Yuta Matsumoto  
Advisor: Dr. Michael Leverington – UNR

10:00 am  
Project 2: STARE – Steps Towards Accessible Reality Entertainment  
Integration of VR technologies for the creation and exploration of 3D worlds  
Students: JerryDean Smith, Antonio Cruz, Aaron Winstead  
Advisor: Dr. Todd Colgrove – UNR Libraries

10:30 am  
Project 3: NCCP Mobile  
A mobile application version of the Nevada Climate Change Portal  
Students: Tim Shaw, Fiona Rice, Chris Ginac, Nicholas King  
Advisors: Mr. Mike McMahon, Mr. Eric Fritzinger, Mr. Richard Kelley – UNR

11:00 am  
Project 4: NCV – Neurocortical View  
A system for visualizing brain models developed for the UNR Neurocortical Simulator  
Students: Alex Jones, Justin Cardoza, Denver Liu  
Advisor: Dr. Fred Harris, Dr. Laurence Jayet Bray, Dr. Sushil Louis – UNR

11:30 am  
Project 5: Algae Viewer  
A system for monitoring large algae repositories over long periods of time  
Students: Basim Azzam, Tanjim Saad, Travis Swofer  
Advisor: Dr. Emil Geiger, Dr. Dwight Egbert – UNR

12:00 pm - 1:15 pm  
Posters Session and Lunch

1:30 pm  
Project 6: DESCRY – Design for Electrical Sensor and Character Recognition Yoking  
An OCR-based application that extracts digital readouts from GE equipment  
Students: Emily Hand, Qandeel Sajid, Tina Nye, Greg Patterson  
Advisors: Mr. Roy Francis, Mr. Raymond Jensen – General Electric

2:00 pm  
Project 7: PINCH – Proprietary Interface for Network Communication with Hardware  
An interface that allows web-based games to securely communicate with physical machines  
Students: Thais Jordan, Robert Roeder, RJ Machado  
Advisor: Mr. Saurabh Singh, Mr. Garrett Hill – Bally Technologies

2:30 pm  
Project 8: Hall PASS – Hall-Person Affixed Steering Supplement  
A Microsoft Kinect-based tool for navigating through the interior of buildings  
Students: Adam Prybil, Preston Bergstrom, Andrew Hostetler  
Advisors: Dr. Eelke Folmer – UNR

3:00 pm  
Project 9: VHUD – Vehicle Heads Up Display  
Software and hardware for displaying dynamic information onto a vehicle’s windshield  
Students: Matthew Radford, Ashton Santee, Ethan Witt, Ryan Herzig  
Advisors: Mr. Richard Kelley – UNR

3:30 pm  
Concluding Remarks, Dr. Sergiu Dascalu, instructor CSE Senior Projects.