



COLLEGE SCIENCE SCHOLARS

*A Joint Program of the Departments of
Astronomy, Biology, Chemistry, Computer Science,
Environmental Sciences, Mathematics, Physics, Psychology and Statistics*

College Science Scholars Research Symposium October 21st, 2011, 10-Noon, 125 Minor

Danley Hsu, 2nd Year CSS Student

“Low Mass X-ray Binaries in Lenticular Galaxies”

Mentor: Prof. Craig Sarazin, UVa Astronomy; Topic Area: High Energy Astrophysics
UVa Summer Scholars Award

Jacqueline Hodges, 4th Year CSS Student

“Outer Membrane Protein Studies: Toward Quantification of Heparin-Opa50 Binding”

Mentors: Prof. Linda Columbus, UVa Chemistry; Topic Area: Biochemistry/Biophysics
UVa Summer Scholars Award

Ryan Loomis, 3rd Year CSS Student

“Laboratory and Interstellar Detection of Ethanamine in Sgr B2(N)”

Mentor: Prof. Brooks Pate, UVa Chemistry; Topic Area: Astrochemistry
UVa Summer Scholars Award

Julia King, 4th Year CSS Student

“Kick-Starting the Brain: Trigger Neurons Involved in Emergence from Coma”

Mentor: Prof. Barry Condron, UVa Biology; Topic Area: Neuroscience
UVa Summer Scholars Award

Luis Goity, 4th Year CSS Student

“Effects of Neurosteroid Synthesis Inhibition on Hippocampal Unit Recording During Pilocarpine-Induced Epilepsy”

Mentors: Dr. Jaideep Kapur and John Williamson, UVa Neurology; Topic Area: Neuroelectrophysiology and Epilepsy
UVa Summer Scholars Award

Seana Hedayatnia, 3rd Year CSS Student

“A Functional Analysis of Rev Response Element (RRE) Mutations as Related to Rev-Mediated Nuclear Export and Potential HIV
Replication”

Mentor: Dr. David Rekosh, UVa Medical, Microbiology Topic Area: Molecular Biology
UVa Summer Scholars Award

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