Student Research Highlighted

March 13, 2008

The following students are the winners of the 2008 Student Research Poster Competition:

Undergraduate competition

First Place: Jonathan Pegan

Title: QUANTITATIVE SINGLE-CELL ANALYSIS OF RECEPTOR DYNAMICS AND CHEMOTACTIC RESPONSE ON A CHIP

Co-authors: Xia Bing, David Breslauer, Mathew Meyer, Jennifer O. Manilay, Luke Lee, and Michelle Khine

Second Place: Erik Olstad

Title: SPATIAL DISTRIBUTION AND ACCUMULATION OF NICKEL IN SERPENTINITE SOIL AND PLANTS

Co-authors: Benoit Dayrat and Peggy O'Day

Third Place: Drew Glaser

Title: FUNCTIONAL MATURATION OF EMBRYONIC STEM CELL DERIVED ENDOTHELIAL CELLS

Co-authors: Nick E. Lauer and Kara E. McCloskey

Third Place: Jeremy R. Sanborn

Title: TAPERED MICROSTRUCTURE FIBERS FOR FIBER OPTICAL PARAMETRIC OSCILLATORS

Co-authors: Jacek Jasinski and Jay E. Sharping

Graduate competition

First Place: Ricardo Cisneros

Title: ANALYZING THE SMOKE IMPACTS OF THE 2002 MCNALLY FIRE INCIDENT ON THE SAN JOAQUIN VALLEY AND SOUTHERN SIERRA NEVADA, CALIFORNIA

Co-authors: Michael Arbaugh, Sharon Zhong, Katharine Hammond, Miguel A. Perez, Haiganoush Preisler, Qinghua Guo, Trent Procter, Samuel Traina and Andrze Bytnerowicz

Second Place: Ankur Kamthe

Title: SCOPES: SMART CAMERAS OBJECT POSITION ESTIMATION SYSTEM

Co-authors: Lun Jiang, Alberto Cerpa, Matt Dudys and Edward Smith

Third Place: Holly Swift

Title: NICHE EVOLUTION IN JELLYFISH FEEDING: FLOW REGIME AND PREY COMPOSITION OF INVASIVE BLOOMING JELLYFISH

Co-author: Mike Dawson

Third Place: Miguel Fernandez

Title: NATURAL HISTORY MUSEUM COLLECTION DATA AND INFERENTIAL MAPS, AN INTEGRATIVE APPROACH TO UNDERSTAND BIOLOGICAL DIVERSITY PATTERNS IN MADAGASCAR

Co-authors: Julia Vo

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