

SWOSU Biology Seniors Showcasing Works on April 22-24

04.19.2013

Biology majors in the senior seminar course at Southwestern Oklahoma State University will present posters April 22-24 on the Weatherford campus.

The theme of this semester's posters is "Celebrating 2000-2012 Nobel Laureates in Physiology or Medicine."

The presentations will be held on the second floor of the Old Science Building. Posters will be available for viewing from 9 a.m. through 5 p.m. each day. Student authors will be available from 4-5 p.m. on Monday, April 22. The public is invited and encouraged to attend.

Poster topics and presenters are:

- 2012, Sir John B. Gurdon, Shinya Yamanaka Nobel Laureates "*for the discovery that mature cells can be reprogrammed to become pluripotent*" by **Melissa Peters, Geary**.
- 2011, Bruce A. Beutler, Jules A. Hoffmann, Ralph M. Steinman Nobel Laureates "*for their discoveries concerning the activation of innate immunity*" and the other half to Ralph M. Steinman "*for his discovery of the dendritic cell and its role in adaptive immunity*" by **Maria Ortega, Guymon**.
- 2010, Robert G. Edwards Nobel Laureate "*for the development of in vitro fertilization*" by **Shannah Rider, Mustang**.
- 2009, Elizabeth H. Blackburn, Carol W. Greider, Jack W. Szostak Nobel Laureates "*for the discovery of how chromosomes are protected by telomeres and the enzyme telomerase*" by **Kimberly Madrid, Lovington (NM)**.
- 2008, Harald zur Hausen, Françoise Barré-Sinoussi, Luc Montagnier Nobel Laureates "*for his discovery of human papilloma viruses causing cervical cancer*", the other half jointly to Françoise Barré-Sinoussi and Luc Montagnier "*for their discovery of human immunodeficiency virus*" by **Kasey McFalls, Okmulgee**.
- 2007, Mario R. Capecchi, Sir Martin J. Evans, Oliver Smithies Nobel Laureates "*for their discoveries of principles for introducing specific gene modifications in mice by the use of embryonic stem cells*" by **Brittany Stamper, Beggs**.
- 2006, Andrew Z. Fire, Craig C. Mello "*for their discovery of RNA interference - gene silencing by double-stranded RNA*" by **Ashley Rodriguez, Arapaho-Butler**.
- 2005, Barry J. Marshall, J. Robin Warren Nobel Laureates "*for their discovery of the bacterium Helicobacter pylori and its role in gastritis and peptic ulcer disease*" by **Megan Willis, Spur (TX)**.
- 2004, Richard Axel, Linda B. Buck Nobel Laureates "*for their discoveries of odorant receptors and the organization of the olfactory system*" by **Jasmine Lewis, Muskogee**.
- 2003, Paul C. Lauterbur, Sir Peter Mansfield Nobel Laureates "*for their discoveries concerning magnetic resonance imaging*" by **Lauren Lee, Garland (TX)**.

- 2002, Sydney Brenner, H. Robert Horvitz, John E. Sulston Nobel Laureates *"for their discoveries concerning genetic regulation of organ development and programmed cell death"* by **Nathan Bernhardt, Thomas-Fay-Custer**.
- 2000, Arvid Carlsson, Paul Greengard, Eric R. Kandel Nobel Laureates *"for their discoveries concerning signal transduction in the nervous system"* by **Monte Stone, Oklahoma City (Putnam City)**.