



KANSASBIO
KANSAS BIOSCIENCE ORGANIZATION

**Talent Development and Education Committee
Capitol Graduate Research Summit
Thursday, March 25, 2010**

For the 5th consecutive year, KansasBio supported graduate researchers at the research universities in Kansas with \$3,000 in scholarships, to support the work of eight award-winning graduate student research projects. The students are currently enrolled at the University of Kansas, Kansas State University, Wichita State University and the University of Kansas Medical Center. Scholarships are awarded from the KansasBio Scholarship Fund, which is supported by member companies, including Labconco Corporation, Kansas City Area Life Sciences Institute, and Bayer CropScience.

Industry members Christian Darabant with Creche Innovations, and Gene Malcolm with IBT Laboratories, participated alongside KansasBio president and CEO, Angela Kreps to judge the oral and poster presentations during the Summit which was held in Topeka on Thursday, March 25th, 2010. Judging was based on multiple criteria, including commercial viability of the research.

Presenting graduate students were required to prepare a "two-minute pitch" as part of their oral presentation. Awards were given to the top-ranked bioscience project, and the top-ranked non-bioscience project from each university. Each of the winners is invited to display their poster at the 2nd quarter meeting of the KansasBio Board of Directors on Thursday, May 27th, in Wichita, Kansas. The winners will present their two-minute pitch to the board of directors during the board meeting.

Scholarships were awarded to the following students:

KU Winners

Name: Mary Elizabeth Krause

Title: "Development of a new medical imaging agent"

Degree Program: Ph.D.

Department: Chemistry

Major Professor: Jennifer Laurence

Home Town: Springfield, MO 65810

Name: William Russell Donovan

Title: "Meridian: The Development of an Unmanned Aircraft System for Cryospheric Research"

Degree Program: Ph.D.

Department: Aerospace Engineering

Major Professor: Rick Hale

Home Town: Olathe, KS 66062

KUMC Winners

Name: Jill K. Morris

Title: "Effects of a High Fast Diet on Insulin Resistance & Nigrostriatal Dopamine Depletion Following 6-OHDA"

Degree Program: Ph.D.

Department: Physiology

Major Professor: Paige C. Geiger

Home Town: Kansas City, MO 64155

Name: Katherine Harvey

Title: "Long Chain Polyunsaturated Fatty Acid Intake and Its Relationship to Fatty Acids in Breast, Red Blood Cells and Serum LCPUFA in Women at High Risk for Breast Cancer"

Degree Program: M.S. Dietetics and Nutrition

Department: Dietetics and Nutrition

Major Professor: Debra Sullivan

Home Town: St. Joseph, MO 64503

KSU Winners

Name: Craig Smith

Title: "Using Watershed Manager to Cost-Effectively Target Cropland Best Management Practices"

Degree Program: Ph.D. Agriculture Economics

Department: Agriculture Economics

Major Professor: Jeff Williams

Home Town: Manhattan, KS

Name: Benjamin (Ben) Wildeman, Ph.D. Candidate

Title: "Passive Immunity to a Commercial E. Coli-SRP® Vaccine in Beef Cattle Colostrum from Cows Grazing Native Range"

Degree Program: Ph.D. in Pathobiology, College of Veterinary Medicine

Academic Department: Diagnostic Medicine

Major Professor: Daniel Thomson

Hometown: Wamego, KS

WSU Winners

Name: Shifath Ikram Khan

Title: "Synthesis of highly ordered arrays of Titanium dioxide for solar cell application"

Degree Program: Master of Science

Department: Mechanical Engineering

Major Professor: Dr. Ramazan Asmatulu

Home Town & State: Bangalore, Karnataka, India

Name: Navaneetha Krishnan Subbaiyan

Title: "Biomimetic Solar Cells"

Degree Program: Ph.D

Department: Chemistry

Major Professor: Professor Francis D'Souza

Home Town & State: Salem & Tamil Nadu, India