

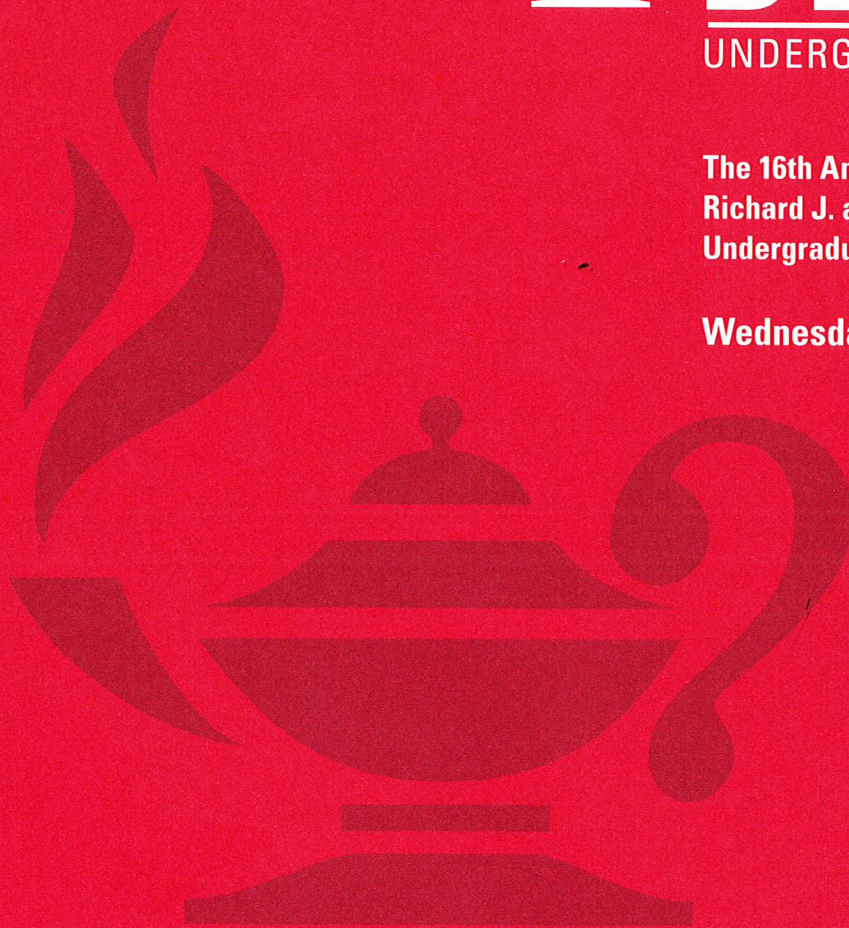


THE OHIO STATE UNIVERSITY
DENMAN
UNDERGRADUATE RESEARCH FORUM

The 16th Annual
Richard J. and Martha D. Denman
Undergraduate Research Forum

Wednesday, May 11, 2011

-L14
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PRESENTED BY
The Ohio State University Honors & Scholars Center,
Undergraduate Research Office, and Office of Research

DNA-Escherichia coli Dps Complex Structure with X-ray Crystallography

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Liu, Wenxi
BIOCHEMISTRY

Advisor: Chan, Michael
Biological Sciences

Retinoic Acid Production in Vivo Regulates Sex-Specific Visceral Obesity

Booth: 256

Lynch, Alisha
HUMAN NUTRITION

Advisor: Ziouzenkova, Ouliana
Human Ecology

Role of Pneumolysin in Host Cell Invasion by Streptococcus pneumoniae

Booth: 257

Mason, Victoria
MICROBIOLOGY

Advisor: Seveau, Stephanie
Biological Sciences

Elucidating the Mechanisms of Sucrose Import in Streptococcus Pneumoniae

Booth: 258

Meyers, Dustin
MOLECULAR GENETICS

Advisor: King, Samantha
Medicine

Effect of Vitamin A Metabolism on B Cells Differentiation and Ig Production

Booth: 259

Meyers, Joseph
NUTRITION

Advisor: Ziouzenkova, Ouliana
Human Ecology

ATP Regulated tRNA Editing by tRNAHis Guanylyltransferase (Thg1)-like Proteins

Booth: 260

Mohammad, Fuad
BIOCHEMISTRY

Advisor: Jackman, Jane
Biological Sciences

Effect of Gold Nanosphere Surface Chemistry on Adsorption and Cell Uptake

Booth: 261

Mukhopadhyay, Amrita
BIOLOGY

Advisor: Hussain, Saber
Co-Advisor: Grabinski, Christin
Biological Sciences

Assessing the Directionality of Neurofilament Movement in Cultured Nerve Cells

Booth: 262

Mukhopadhyay, Amrita
BIOLOGY

Advisor: Brown, Anthony
Social and Behavioral Sciences

Over-Expression of the DNA Repair Protein BLM in a Mouse Model of Intestinal Tumor Formation Dramatically Decreases Tumor Number

Booth: 263

Murnan, Kevin
MOLECULAR GENETICS

Advisor: Groden, Joanna
Medicine

Anti-Listeria monocytogenes Activity of Human Neutrophils

Booth: 264

Nackerman, Colleen
BIOCHEMISTRY

Advisor: Seveau, Stephanie
Biological Sciences

A Connection between Cell Cycle Regulation and Cytoplasmic-Nuclear Dynamics of tRNA

Booth: 265

Nudel, Mariya
MOLECULAR GENETICS

Advisor: Hopper, Anita
Biological Sciences

Quadruplex-based Fluorescence Probes for DNA Detection

Booth: 266

Okyere, Robert
BIOCHEMISTRY

Advisor: Kankia, Besik
Co-Advisor: Musier-Forsyth, Karin
Biological Sciences

C1 Regulation of MELK Expression to Target Recurrent Brain Tumors in Glioblastoma Multiforme Patients

Booth: 267

Pedagandham, Mounika
PSYCHOLOGY

Advisor: Nakano, Ichiro
Medicine

Protein Stability and Tumorigenesis of a Knockin Mutation in Mice

Booth: 268

Pham, Thach
MOLECULAR GENETICS

Advisor: Leone, Gustavo
Biological Sciences

Crystallization of a Bacterial Single Stranded Annealing DNA Repair Protein

Booth: 269

Rahman, Alburuj
BIOMEDICAL SCIENCE

Advisor: Bell, Charles
Biological Sciences

The Effects of Artificial Feeding and Copper Sulfate on Nutrients and Dissolved Oxygen in Fish Ponds

Booth: 270

Reynolds, Curtis
BIOLOGY

Advisor: Culver, David
Co-Advisor: Filbrun, Jesse
Biological Sciences
