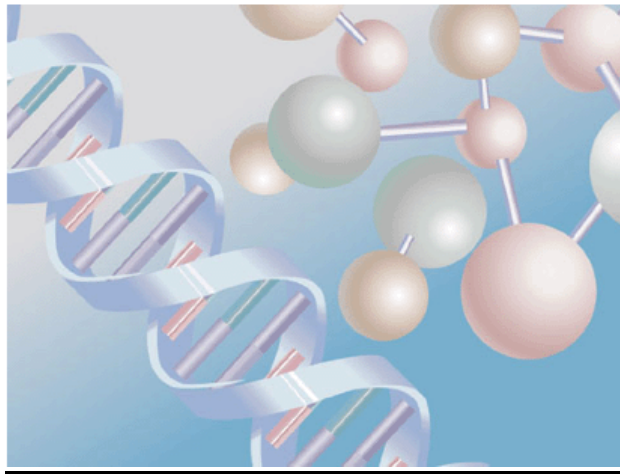


UNDERGRADUATE RESEARCH POSTER FORUM

SPRING SEMESTER

MAY 4TH, 2011
LIFE SCIENCE BUILDING, 3RD FLOOR ATRIUM
10:00 - 11:30 A.M.



396 Research

(Mentor: Dr. Doering)

Piotr Babinski

Title: “Characterizing LCNR sequences on HC21p”

Roxanne Bavarian

Title: “Creating a Higher Resolution Map of the Juxtacentromeric Region of HC21”

Daniel Harris

Title: “Mapping the Heterochromatic Regions of Chromatin on HC21p”

Jeff Leya

Title: “Characterizing the Subtelomere Region of Human Chromosome 21p”

Pankti Thakkar

Title: “Characterizing the Subtelomere Regions of Chromosome 13p”

(Mentor: Dr. Kanzok)

Mallory Hall

Title: “Antinitrosative Defense Mechanisms in *Plasmodium berghei*”

Pachel Kooistra

Title: “Surviving transport: Oxidative stress response of the early mosquito-stage malaria parasite”

Amara Mian

Title: "Expression Patterns in Antioxidant Genes of *Plasmodium*"

Emily Schulte

Title: "Recombinant Expression of a thioredoxin-like protein and analysis using Western blotting of the Malaria Parasite, *Plasmodium*"

(Mentor: Dr. Lucas)

Gurmeet Bawa

Title: "The Effects of Caffeine on Memory Retention after Chronic Stress Exposure"

Fahad Chaus

Title: "Effects of Recovery from Acute or Chronic Stress on Nogo Receptor Expression in the Hippocampus"

(Mentor: Dr. Pickett)

Jacob Nalley

Title: "Retinoic Acid as a Node in a Developmental Pathway Influenced by Teratogen Exposure in Zebrafish."

(Mentor: Dr. Reddy)

Sarah Sharief

Title: "Phylogeny and Diversification of *Pomatorhinus ruficollis* Using Mitochondrial & Nuclear Genes"

(Mentor: Dr. Schroeter)

Boluwatiwi Oye

Title: "Cloning of the control elements from the zebrafish *retinoschisis 1*"

(Mentor: Dr. Putonti)

George Diab

Title: “Correspondence in GC nucleotide content between virus and host”

Adam Hilterbrand

Title: “The Impact of Reassortment on the Evolution of Bacteriophage $\Phi 8$ ”

Gina Kuffel

Title: “Quantifying the variation in bacterial diversity between Lake Michigan beaches using next- generation sequencing”

Patrick Schreiner

Title: “Quantifying Genome Sequence Compatibility Between Viruses and Their Hosts”

Ramunas Stanciaskas (presenting at Great Lakes Bioinformatics Conference)

Title: “Exploring Viral Species in Chicago Near-Shore Waters”

(Mentor: Dr. Rochlin)

Matthew Biehl

Title: “NT4 is More Potent than BDNF at Promoting, Attracting, and Suppressing Embryonic Geniculate Neurite Outgrowth”

Pooam Patel

Title: “The in vitro innervation of taste cells by rat geniculate ganglion neuritis”

(Mentor: Dr. Hoellein)

Angeline David

Title: “How does oyster density influence organic matter dynamics in an urbanized coastal environment (Jamaica Bay, NYC)?”

Simon Morgan

Title: “The influence of oyster density on sediment nitrification in a eutrophic coastal embayment (Jamaica Bay, NYC)”

Steven Polaskey

Title: “The effects of oyster density on rates of denitrification in New York Harbor”

(Mentor: Dr. Haas)

Krista Hilvert

Title: “Partial Purification of Nitrate Reductase from Turnip”

(Mentor: Dr. Morrison)

Dietta Chihande

Title: “Electrophysiology of rule-based category learning as a function of age”

(Mentor: Dr. Olsen)

Shreya Kota

Title: “Effects of 2,3-Bisphosphoglycerate on Oxygen Binding Pathways in Human Hemoglobin”

(Mentor: Dr. Tuchman)

Anna Sjodin

Title: “The effects of emerging contaminants on stream ecosystems”

BIOL 397H SENIOR HONORS THESIS

Ninoshka Fernandes

(Mentor: Dr. Doering) Title “L1 Elements on HC21p”

Akadia Kachaochana

(Mentor: Dr. Doering) Title: “Filling the Gaps in the HC21p Physical Map”

Milot Thaqi

(Mentor: Dr. Ballicorea) Title: “Site Directed Mutagenesis of ADP-Glucose Pyrophosphorylase”

BIOL 398 INTERNSHIP IN BIOLOGY

Mumtaj Chand

(Mentor: Dr. Franks) Title: “Characterizing Bone Morphology in the Mice Femoral Ablation Model”

BIOL 399 INDIVIDUAL STUDY

Owen McKenna

(Mentor: Dr. Hoellein) Title: “Establishing an experiment to measure controls on biofilm growth and activity on anthropogenic litter in the artificial stream facility at Loyola University Chicago”