DIEBOLD SYMPOSIUM

SCHEDULE OF EVENTS

Thursday, April 30
Opening Session with Dr. Daniel Dennett
4:00 p.m. (Dow 226)
(Reception Following)

Friday, May 1
Lecture Session 4:00-6:00 p.m. (Dow 226)

4:00-4:20  Elizabeth Chernoworth  Production of Antimicrobial Peptides by Human Urethral Epithelial Cells and Their Regulation by Prostaglandin E2
4:20-4:40  Jaime Manzini  The Effects of AFC on NVT Signaling in the Dorsal Telencephalon of Mio musculus
4:40-5:00  Isaac Moss  Induction of Multinucleated Anandamide-Metabolizing Cytochrome P450 Leading to the Formation of a Cannabinoid Receptor 2 Agonist with Increased Bistability
5:00-5:20  Ameil Omari  Localization of HA Epitope Tagged Variants of Bovine Papillomavirus E5
5:20-5:40  Matt Goodell  The Sausage Company and Me
5:40-6:00  Nadine Wallenfels  Akaike’s and Huntington’s Induced Endoplasmic Reticulum Stress and Cell Death are Ameliorated by Overexpression of Stanniocalcin 2

Poster Session 7:00-8:15 p.m. (Dow Third Floor)

Sarah Amore  Native Bee Diversity of Pierce Cedar Creek Institute in Southwest Michigan
Keenan Bailey  Temperature-Sensitive Suppressors of VOP1 in Mutant S. cerevisiae
Rossell Becker  β-Clayclycholetic Acid Athers Phosphorylation of the GAP junction Protein Connexins-43 in Enterocyte-like Cells
Evan Bowers  Protecting the Bioremediation Through Environmental Educations
Eric Bianchi  In Vitro Effects of (-)-Epigallo-3-Catechin Gallate on Induced Inflammation Response in Human Gingival Fibroblasts and Epigallocatechin (EG) Tissue Models
Alanna Callandrello  Transmembrane Mannosidase of Serratia marcescens Strain SCER, a Nematode Symbiont that Enables Insect Killing
Amber Cassen  The Effects of Extracellular ATP on Neurotrophic Factors
Robert Delker  A Novel EAK Gene in Petromyzon marinus Others Insights into the Timing Consequences of Gene Duplication in the Chordate Lineages
Robert Duszynski  Chemical Matings of Unc-82 and Other Muscle-Acting Genes in C. elegans
Katherine Elise  Effects of Leaf Size Structure, Habitat Type and Flower Density on Bee Abundance within the Chicago Wilderness Region
Kendra Gangle  Nesting Preferences of Stem Nesting Bees in Southwest Michigan Agricultural Fields
Sandi Gomray  Isolation of Temperature-Sensitive Jaoponeus mutants
Kevin Hassen  Late-Stage Chicken (Gallus domesticus) Embryo Growth Patterns and Albumen Consumption
Daniel Hallworth  Impact of Precipitation and Aging on the Performance of Insecticides to Control the Japanese Beetle Popillia japonica, on Grape Leaves

Poster Session 8:15-9:30 p.m. (Dow Third Floor)

Richard Iavoli  Growth Rates of Multiple Strains of Microcystis aeruginosa across a Nutrient Gradient
Matthew Jones  Why the Book was Better: Adaptation of Fiction in Three Media
Sanjeev Karmakar-bandani  DC-SIGN Carbohydrate Recognition Domain (CRD) Determinants Responsible for HIV-1 Binding
Jenna Lee  The Social Organization and Potential Mating Bonds Observed in a Captive Non-Breeding Flock of Caribbean Flamingos (Phoenicopterus ruber ruber)
Madoka McAllister  The Effects of Dominant Plant Species’ Densities on the Invasibility and Diversity of a Prairie Grassland
Issac Plummer  Genetic Modifiers to Thrombosis
Laszlo Pfeifer  Linking Nitrogen and Phosphorus Uptake in a Stream to Metabolism, Ecosystem Structure, and Substrate Type
Thomas Riepl  Projecting Habitat for Native Species within Binder Park Zoo’s “Swamp Adventure” and Surrounding Wetlands
Joshua Rinaldi  How Chiropractic Treatments Can Improve Athletic Performance
Ethan Rosenblatt  An Exploration of Potential Tonic ATP Release Pathways from the Olfactory Epithelium of Mice
Gabriella Rubino  Cloning and Characterizing the MHC DRB exon ii of the Big Brown Bat (Eptesicus fuscus)
Sauley Ruatzi  Effects of Acute Exposure to Titanium Dioxide on Pulmonary Endothelial Function
Nicole Zingsheim  Effects of Phystase-Supplementation on Protein Digestibility in Horses at Maintenance

Saturday, May 2
Lecture Session 8:30-1:20 p.m. (Dow 226)

8:30-9:00  COFFEE & DOUGHNUTS
9:00-9:20  Zachary Danske  Multi-Electron Transfer Systems: Characterization of 9,11,20,22-Tetraazatriene Reactions with Small Molecule Pollutants
9:20-9:40  Matt Groth  Determining the Genetic Basis of Chronic Myocardiopathy in Humans
9:40-10:00  Stephanie Jones  Effects of Short-Term Aerobic Exercise on Single Muscle Fibers of Older Women
10:00-10:20  Thomas Nelson  Effects of Egg Size, Egg Composition, and Nutrient Usage on Phenotypes of Hatching Alligators
10:20-10:40  BREAK
10:40-11:00  Mithil Pandhi  Epigenetic Silencing of a MicroRNA Involves DNA-Methyltransferase Recruitment by the Polycomb Group Protein EZH2 and Promotes and Aggressive Cancer Phenotype
11:00-11:20  Kristin Plyman  Curracinostatin as an Indicator of Stress During Estrus and Pregnancy in Captive Sea Otters (Enhydra lutris)
11:20-11:40  Joseph Westphal  Forgiveness in the Catholic Church
11:40-12:20  LUCY BROWN  Effects of Anti-Cancer Agents on the Growth of Human Colorectal Cancer Cells Xenograft in Nudi Mice
12:20-12:40  Ross N. White  Traumatic Brain Injury Causes Increased Gut Permeability by Attenuation of the Tight Junction
12:40-1:00  Lauren Krohn  Djinnian Zonula Occludens Protein-1 and Occludin
1:00-1:20  Leah Blazek  Instinct Versus Learning in the Development of a Species-Specific Caterpillar-Ant Symbiosis

Dr. Daniel Dennett
“The Evolution of Words and Other Memes”
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Author of Darwin’s Dangerous Idea