Department of Biology : Diebold Symposium 1999
Schedule of Events

Thursday, 22 April 1999
Opening Session, Dow 226, 4:00 p.m.
4:00 - 5:00 Guest Speaker: Dr. Averil Ma, Department of Medicine, University of Chicago.
"How Our Immune System Protects Us (and vice versa)."
Reception following

Friday, 23 April 1999
Lecture Session, Dow 226, 4:00 - 7:00 p.m.

4:00 - 4:30	Peter Coppinger	Plant Species Richness and Light Heterogeneity Along Productivity Gradients.
4:30 - 5:00	Kristy Lockwitz	Differences in Greetings Between Unrelated Adult Male and Female Savannah Baboons (Papio cynocephalus anubis) Based on Friendship.
5:00 - 5:30	Jason Reed	A Comparison of the Mycorrhizal Inoculum Potential of Hydric Forests of the Kalamazoo River Riparian Ecosystem and Surrounding Mesic Forests in the Context of an Ecological Gradient.
5:30 - 6:00	Heather Crull	A Feasibility Study of Techniques Used To Reduce the Introduction of Exotic Species Into the Great Lakes via Ships' Ballast Water.
6:00 - 6:30	Melissa A. Cook	The Role of CD4+ and CD8+ T Cells in the Evolution of SCW Induced Arthritis and in Oral Tolerance.
6:30 -7:00	Margie Jones	Effects of Albumen Removal on Size and Composition of Chicken (Gallus domesticus) Hatchlings.

Poster Session, Dow Science Center Third Floor, 7:30 - 10:00 p.m.

Ashley Abbott	Male Depletion as a Possible Explanation for a Significant Decrease in the Number of Copulations Between First and Second Mounts of the Colorado Potato Beetle, Leptinotarsa decemlineata (Coleoptera: Chrysomelidae).
Kathleen Beauchamp	A Phylogenetic Analysis of an Emx Gene in Lamprey (Petromyzon marinus).
Cindy Fennimore	Convective Heat Exchange in the Desert Tortoise: Effects of Wind Speed, Body Size, and Orientation.
Brian Fowler	Attenuation of Protein Kinase C by Estrogen: A Possible Role in Heart Disease Prevention.
Robin Fullman	Post-Conflict Behavior in Ringtailed Lemurs (Lemur catta): Anxiety and Reconciliation.
Patrick Jameson	Compensatory Feeding and Growth Rates of a Snail Common to the Great Lake Region.
Nathan Krohn	Site Directed Mutagenesis Reveals the Possibilities for Restriction Site Mutations.
Nicholas LaPenna	Effects of Floral Morphology, Temperature, Date, Time, and Population Origin on Pollinator Visitation to the Wild Radish, Raphanus raphanistrum..
Cynthia Livingston	Characterization of ZBP-50, a Novel Zinc-Finger Binding Protein.
Daniel Moore	p15 and p16 Gene Deletions and Their Relation to Elevated Levels of Dihydrofolate Reductase in Childhood Acute Lymphoblastic Leukemia (ALL).
Josh Nelson	The Effects of Cadmium on Glucose-6-Phosphate Dehydrogenase Activity in Buffalo Rat Liver Cells.

Poster Session, Dow Science Center Third Floor, 7:30 - 10:00 p.m. (cont.)

Patrick Nyman	Investigation of the Ecological Origins of Schistosome Cercarial Dermatitis, with Emphasis on the Intermediate Snail Hosts of Schistosomaditae Trematodes, at Higgins Lake in Roscommon County.
Garret Olson	Short and Long Term Effects of Fire on Nigrogen Cycling in Oak Savanna Restoration Areas.
Jesse Paquette	Gabori Attack- An Interactive Computer-Based Contrast Sensitivity Test.
Sara Pietras	The Effects of Dosage and Exposure Time on the Genomic Incorporation of 3'-azido-2',3' dideoxythymidine (AZT) and the Role of AZT in DNA Methylation.
Thomas Pool	Larval Nutrition Effects on Juvenile Performance in the Natural Habitats of the Estuarine Barnacle Balanus improvisus (Cirripedia: Thoracica).
Liz Powers	Sex Ratios, Development, and Parasitization Behavior of the Parasitoids Costesia rubecula and Costesia glomerata (Hymenoptera: Braconidae).
Edwin R. Price	The Influence of Adjacent Mature Douglas-fir Forests and Mountain Meadows on Soil Nutrient Cycling, Microbial Activity, and the Occurrence of Ectomycorrhizal Mats.
Kelly Proctor	The Design and Synthesis of a Heterologous DNA competition for Reverse Transcription Polymerase Chain Reaction to be Used in the Study of Nonspecific Immunity to Hepititis C Virus.
W.C. Sands IV	Effects of Gypsy Moth Defoliation on Host Plant Utilization by Papilio canadensis and Papilio glaucus.
Darcy Schonfeld	Environmental Determinants of Allomyia bifosa larvae in an Alpine Fen of Glacier National Park, Montana.
Sarah A. Smathers	Central and Peripheral Nervous System Abnormalities in an Animal Model of Merosin Deficient Congenital Muscular Dystrophy.
Meghan Smith	The Effects of Desiccation on the Metabolic Rate of Earthworms (Lumvricus terrestris).
Lukasz Stelinski	Evaluation of Pesticide-Treated, Biodegradable Spheres and Potential Baits for the Control of Rhagoletis species.
Thomas Stibitz	A Highly Divergent Actin Gene in the Nuclear Genome of the Cryptophyte Alga Pyrenomonas helgolandica.
Andrew Terranella	The Cortical Hem in the Chick Telencephalon: Evidence of a Signalling Center Implicated in Patterning the Dorsal Forebrain.
Andrew Thierry	DNA Sequencing and Fingerprint Mapping of Overlapping Clones Spanning a 45 kb Region Containing the Human Lysyl Oxidase Gene.
Mike Tsipursky	Addition of Histidine Tag onto Nucleobindin and Protein Expression in SF21 Insect Cells.
Kirsten Weir	The Mating System of the Yellow Mealworm Beetle, Tenebrio molitor L. (Coleoptera: Tenebrionidae): Ejection and Consumption of the Spermatophore.
Jason Widman	University Outfitters: A Profile of the Start-Up and Co-Management of a Small Business.
Heather Yagiela	Effects of Repeated Levodopa Administration in an Animal Model of Parkinson's Disease: A Study on Oxidative Stress.
Melissa Zebrowski	Zooplankton as a Phosphorous Source on a Coral Reef.

Saturday, 24 April 1999
Lecture Session, Dow 226, 8:00 a.m. - 4:45 p.m.

8:00 - 8:30		Coffee and Doughnuts
8:30 - 9:00	Eeka Prude	Sociological Causes of the High Fetal & Infant Mortality Rate in Kalamazoo, MI.
9:00 - 9:30	Tamara L. Pryor	Windows: A Study of the Traditional Dances of Kenya and the Significance of Culture.
9:30 - 10:00	Evelyn Walsh	Estrogen and Progesterone Negatively Affect Performance in the Morris Water Maze.
10:00 - 10:30	Jeffrey D. Myers	Long-term Monitoring Program of the Ningaloo Marine Park: Survey of Benthic Cover and Status of the Ningaloo Reef in Western Australia.
10:30 - 10:45		Break
10:45 - 11:15	Miranda Moon	Forager Load Size Correlates with Colony Size in a Neotropical Wasp, Polybia occidentalis.
11:15 - 11:45	Christine Stehman	The Formation of Cytoplasmic Rods in Spinal Cord Neurons: A Study of the Effects of Oxidative Stress.
11:45 - 12:15	Karli Schmekel	Correlation of Actin Dynamics with Cell Motility and with Expression of Cofilin.
12:15 - 1:15		Lunch
1:15 - 1:45	Kathryn Huskey	Quantitative Evaluation of Indicators of Cardiac Function in an Experimental Animal Model of Chronic Aortic Regurgitation.
1:45 - 2:15	Natasha Ghazi	Immediate Effects of Maternal Deprivation on the LHPA Axis of the Developing Rat: Consequences of Desipramine and Fluoxetine Treatment.
2:15 - 2:45	Jeanette Williams	Effects of Light and Nutrient Availability on the Growth and Reproduction of the Aquatic Plant Wild Celery (Vallisneria americana).
2:45 - 3:15	Nanda R. Filkin	Genetic Variation Among Individuals of Batrachospermum helminthosum from Spring Brook, Kalamazoo, Michigan.
3:15 - 3:45	Jessica Kenzie	Algal Colonization of Clay Tiles in a Third Order Midwestern Stream.
3:45-4:15	Adrienne Purdy	The Knife Without a Blade that Lacks a Handle: An Examination of Why Environmental Concerns Become Invisible.
4:15-4:45	Ethan Graf	The Postnatal Development of the Visual Corticopontine Projection in the Hamster.
in absentium	Michelle Nolen	Student Teaching a Seventh Grade Biology Class.

6:00 Banquet (Bravo! Ristorante)