

Kalamazoo College Biology Department

Diebold Symposium

Schedule of Events



Thursday, May 1, 2003

Opening Session, Keynote Speaker, Dewing 103, 4:00 p.m.

4:00-5:00 Professor Rosemary Grant, Evolutionary Ecologist, Department of Ecology and Evolutionary Biology, Princeton University

“Speciation in Galapagos Finches”
Reception Following

Friday, May 2, 2003

Lecture Session, Dow 226, 4:00-6:00 p.m.

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| 4:00-4:30 | <u>Elizabeth Tank</u> | CHARACTERIZATION OF <i>EMX</i> A LAMPREY GENE: BRIDGING THE GAP FROM CEPHALOCHORDATES TO GNATHOSTOMES |
| 4:30-5:00 | <u>Jennifer Christy</u> | ¿QUÉ DIJISTE?: UN ESTUDIO DE LA COMUNICACIÓN ENTRE LOS PERSONAJES EN <u>COMO AGUA PARA CHOCOLATE</u> POR LAURA ESQUIVEL (WHAT DID YOU SAY?: A STUDY OF THE COMMUNICATION BETWEEN THE CHARACTERS IN LAURA ESQUIVEL'S <u>LIKE WATER FOR CHOCOLATE</u>): |
| 5:00-5:30 | <u>Benjamin Berg</u> | THE RESPONSE OF <u>LEPTOSPIRA INTERROGANS</u> SEROVAR CANICOLA TO SALT AND NUTRIENT DEPRAVATION |
| 5:30-6:00 | <u>Michael Mequio</u> | CHARACTERIZATION AND PARTIAL PURIFICATION OF A BACTERIOCIN-LIKE INHIBITOR PRODUCED BY <i>ENTEROCOCCUS FAECIUM</i> STRAIN 62-6 ANTAGONISTIC TO THE GROWTH OF VAGINAL LACTOBACILLI: POTENTIAL SIGNIFICANCE FOR THE PATHOGENESIS OF BACTERIAL VAGINOSIS |

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

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| <u>Ryan Crowley</u> | EXPRESSION OF THE TRANSIENT RECEPTOR POTENTIAL 4 CHANNEL PROTEIN IN HUMAN GINGIVAL KERATINOCYTES |
| <u>Shayna Garfield</u> | REHABILITATION OF THE LUMBAR SPINE BY MEANS OF PHYSICAL THERAPY AND THE ALEXANDER TECHNIQUE |
| <u>Christopher Motyl</u> | CHARACTERIZATION OF CD6 LIGAND: 3A11 |
| <u>Timothy Muir</u> | FACTORS AFFECTING LEVELS OF OXYGEN IN LEATHERBACK TURTLE NESTS |
| <u>Theresia Radtke</u> | DNA ANALYSIS OF POPULATION STRUCTURE AMONG GLACIER NATIONAL PARK BROWN AND BLACK BEARS (<i>URSUS AMERICANUS</i> AND <i>ARCTOS</i>) |
| <u>Jessica Western</u> | POPULATION CHANGES OF DOUBLE-CRESTED CORMORANTS (<i>PHALACROCORAX AURITUS</i>) ON FOUR ISLANDS IN THE BEAVER ARCHIPELAGO AND ASSESSMENT OF AERIAL PHOTOGRAPHY AS A MEANS OF MONITORING NESTING POPULATION SIZE |
| <u>Deepak Zampani</u> | BONE EFFECTS OF HYPERPARATHYROIDISM IN VITAMIN D DEFICIENT PATIENTS |

Friday, May 2, 2003 (cont.)

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

<u>Jessica Foley</u>	EFFECTS OF GROWTH FACTORS ON PROLIFERATION AND DIFFERENTIATION OF HUMAN MAMMARY STEM/PROGENITOR CELLS
<u>Michael Howe</u>	HEMODYNAMIC RESPONSE AND SUPPORT AFTER DEEP HYPOTHERMIC CIRCULATORY ARREST IN NEONATAL PATIENTS UNDERGOING SURGICAL REPAIR OF CONGENITAL HEART DEFECTS
<u>Jane Kopf</u>	TAPERING IN SWIMMING: THE INDEPENDENT CREATION, IMPLEMENTATION, AND EXAMINATION OF A TAPER
<u>Brant Morris</u>	AN EXPERIENTIAL SUMMER - AN INTERNSHIP AT PRETTY LAKE VACATION CAMP
<u>Anthony Pagorek</u>	BUILDING ECOSYSTEMS: THE CREATION OF AN ARTIFICIAL INDOOR STREAM
<u>Brian Turner</u>	IDENTIFICATION OF RETINAL PIGMENT EPITHELIUM-SPECIFIC CLONES

Saturday, May 3, 2003

Lecture Session, Dow 226, 9:00 a.m.-1:15 p.m.

9:00-9:30	Coffee and Doughnuts
9:30-10:00	<u>Haley Neef</u> LAMPREY <i>KROX</i> REVEALS ANCIENT ORIGIN OF VERTEBRATE HINDBRAIN SEGMENTATION
10:00-10:30	<u>Alicia Cotey</u> CHARACTERIZATION OF PM20C2, A TAD- <i>PASTEURELLA MULTOCIDA</i> MUTANT
10:30-11:00	<u>Jeff Richardson</u> THE RETURN OF THE ANTELOPE COWBOYS
11:00-11:15	BREAK
11:15-11:45	<u>Judsen Schneider</u> COST VERSUS QUALITY OF CARE: HOSPITALISTS AND THEIR IMPACT ON EIGHT DIAGNOSIS RELATED GROUPS
11:45-12:15	<u>Chris Sanker</u> THE ROLE OF CALMODULIN KINASE II (CAMKII) IN THE PHOSPHORYLATION OF THE SERINE ⁷²⁷ RESIDUE OF SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 1 (STAT1) AND ITS THERAPEUTIC SIGNIFICANCE
12:15-12:45	<u>Karen McCarty</u> ASSESSING THE LETHAL EFFECTS OF GLYPHOSATE ON AMUR HONEYSUCKLE (<i>LONICERA MAACKII</i>) STEM TISSUE
5:30pm	Banquet