

Schedule of Platform Paper Session 61st Annual ECSC

**Session A: Maryvale Hall
Room 101**

- 8:45 A1**
A Statistical Analysis of the Standard & Poor's 500 Index. Maris Reutzel, Wagner College
- 9:05 A2**
Thermolytic Cage Opening and Rearrangement of 4-iodo-1-vinylcubane to a Novel Styrene Derivative Vincent M. Carroll, David N. Harpp, Ronny Priefer, Niagara University
- 9:25 A3**
Hydrothermal Crystal Growth of ZnO Jennifer Hart and Maria Gelabert, Wagner College.
- 9:45 BREAK**
- 10:05 A4**
Synthesis of Ether Derivatized Isophthalic and Salicylic Acids as Potential Antagonists of Bcl-xL Steven Andrade and Jay Pike, Providence College
- 10:25 A5**
Integrating Materials Science into Middle School Science Programs Kimberly Farrell and Racquel Campo, Wagner College
- 10:45 A6**
Analysis of Plant Spacing Data to Show Patterns of Plants in Desert Plots of Central Mexico Lisa Mazzo - Manhattan College
- 11:05 A7**
Comparative modeling of malaria protein pbs36 Sophie Okolo and Dr. Ashley C. Stuart, Ramapo College of New Jersey a Department of bioinformatics, School of Theoretical and Applied Sciences, Ramapo College of New Jersey, Mahwah
- 11:25 LUNCH**

**Session B: Maryvale Hall
Room 100**

- 8:45 B1**
Activation of Microglial Toll-like Receptors Increases Uptake & Degradation of Amyloid Beta in vitro Emily Babcock-Petrus, Daniel Kerr, George S. Merz, Daryl S. Spinner. Wagner College AND NYS Institute for Basic Research in Developmental Disabilities
- 9:05 B2**
Galectin-1 and AR and Their Role in Androgen Independent Prostate Cancer Vincent DePalo and Theresa D'Aversa, Manhattan College/College of Mount Saint Vincent
- 9:25 B3**
Comparing Intracardial Perfusion Fixation and Immersion Fixation in the Adult Zebrafish Brain Ultrastructure Letizia M. Hobbs, Vincenzo DiMaggio, Christopher Corbo, Linda Raths, & Zoltan Fulop, Wagner College
- 9:45 B4**
Alterations in the Processing of Membranes by Cultured Astrocytes Jennifer Dutan and Tania Carchi, Manhattan College/College Mount Saint Vincent
- 10:05 BREAK**
- 10:25 B5**
The Role of Cell-Cell Interactions in Parietal Yolk Sac Formation David Slomski, Jeff Damiano, and James Mulrooney, Central Connecticut State University
- 10:45 B6**
Regulation of NOS expression in the guinea pig cardiac ganglion Robert Janelli and Jean Hardwick, Ithaca College
- 11:05 B7**
The Effect of Pinealectomy and Ophthalmectomy on Plasma T4 Levels and Metamorphic Rate Jill Bigos and Dr. Mary L. Wright, Elms College
- 11:25 LUNCH**

- 4:30 B8**
Effects of amino acid substitutions on CHS protein structure in Gesneriaceae Dominick Rutherford, Michael Kotarski, and Mary McCourt, Niagara University
- 4:50 B9**
The Evolution of Dietary Niches of Lemurs Amy Kadison, Central Connecticut State University
- 5:10 B10**
Effects of Ghrelin on Diurnal and Nocturnal Food Intake and Meal Patterns in Ovariectomized Rats Tatyana Sapaleva and Peter Butera, Niagara University

**Sessions C: Maryvale Hall
Room 102**

- 8:45 C1**
Anatomy of *Bruguiera gymnorhiza* and *Bruguiera exaristata* plants in relation to internal airflow Kristen Pena, Manhattan College
- 9:05 C2**
Preferred Growth Conditions for a Sustainable Extensive Green Roof Christopher Ashman and Susan Swensen, Ithaca College.
- 9:25 C3**
The anatomy of *Aegialitis annulata* and *Barrington racemosa* plants in relation to internal airflow Natalie Hubbard, Manhattan College.
- 9:45 C4**
The effect of leaf extract on soil microbe respiration Elizabeth Hoover and Peter Melcher, Ithaca College.
- 10:05 C5**
Aggregation of *Planaria (Dugesia tigrina)* in an Open Environment Stephanie Andrade and Gene Wong EC-BIO, Quinnipiac University
- 10:25 BREAK**
- 10:45 C6**
Morphology of *Rhizophora stylosa* in relation to internal airflow and Attim s plant architecture Erika Sai, Manhattan College

11:05 C7
The impact of the xylem wound response on the measure of hydraulic resistance in plants Susan Meyer and Peter Melcher, Ithaca College.

11:25 LUNCH

4:30 C8
Quantitative anatomy and morphology of water lily (Nymphaea) in relation to internal airflow Maryvic de Leon, Manhattan College

4:50 C9
Planaria (*Dugesia tigrina*) Directional Bias in an Open Environment Meghan McCarthy and Gene Wong, Quinnipiac University

5:10 C10
Mechanical Properties and Anatomical Components of Stems of 42 Grass Species Chelsea Marks, Manhattan College

**Session D: Science Hall
Room 101**

8:45 D1
Expression of green fluorescent protein in *Schizophyllum commune*
Lauren Dzialo, Christine Desanno, Christos Dimos, and Kirk Bartholomew, Sacred Heart University
This presentation has been cancelled

9:05 D2
Testing candidates for the male sterility and histoincompatibility (mshi) mutation in *Mus musculus* David Magnan and Thomas R. King, Central Connecticut State University

9:25 D3
Molecular Phylogeny of the Genera *Streptocarpus* and *Saintpaulia*
Jessica Stampfle, Sarah Caro, and Michael Kotarski, Niagara University

9:45 D4
Genetic Characterization of Sugar-Induced Cell Death (SICI) in the Yeast, *Saccharomyces* M. Loudin and N. Austriaco, O.P., Providence College

10:05 BREAK

- 10:25 D5**
Duplications, Position Effect, and the Phenotypic Changes Associated with Bar- eye Mutations in *Drosophila melanogaster* Irena De Mario and Dr. Ammini Moorthy, Wagner College
- 10:45 D6**
Cytological and Molecular Analysis of P11798, a Mutation in Imp, (IGFII mRNA binding protein) Angela Lockhart, and James J. Fabrizio, Manhattan College/College of Mount Saint Vincent.
- 11:05 D7**
A study of the phylogeographic relationships of lizard species within the *Protoporus* genus Olutayo A. Sogunro, Tiffany M. Doan, Central Connecticut State University
- 11:25 D8**
Molecular and behavioral studies of Imp (IGF-II mRNA-binding protein) in *Drosophila melanogaster*. Vadim Meytes and James Fabrizio
College of Mount Saint Vincent/Manhattan College
- 11:45 LUNCH**
- 4:30 D9**
Description of the previously unknown males of *Cubacubana arubana* (Insecta: Zygentoma: Nicoletiidae) and analysis of their phylogenetic relationships via DNA sequencing. Kadeine M. Campbell, Ellise C. Cappucio, Nguyet H. Vuong, and Luis Espinasa, Marist College
- 4:50 D10**
To Eat or Not To Eat... Your Genes, or Your Levis???... Lei Mi-Mi and Marina Caillaud, Ithaca College.
- 5:10 D11**
Placement of three problematic genera of Gesneriaceae Sarah Caro, Michael Greene and Michael Kotarski, Niagara University.

**Session E: Science Hall
Room 204**

- 8:45 E1**
Description of a new species and genus of cave adapted silverfish insect (*Zygentoma*; Nicoletiidae) from the Ozark Plateau Ecoregion
Stephen J. Furst and Luis Espinasa. Marist College
- 9:05 E2**
Phenotypic and Molecular Characterization of *S. aureus* Isolates from Mastitic Dairy Cattle Nathan J. Tompkins and Dr. Mark A. Gallo,
Niagara University
- 9:25 E3**
The Successful Implementation of the Early Detection Rapid Response (EDRR) Program. Melanie Joy, Elms College
- 9:45 BREAK**
- 10:05 E4**
Arsenic Remediation Using *Dunaliella primolecta* Teresa Escobar, I. Visviki, M. Judge, and J., Mahony, College of Mount Saint Vincent/
Manhattan College.
- 10:25 E5**
Characterization of an Anti-Mycobacterial Compound Secreted by a Bacterial Isolate from Soil Max Jarombek, Roberto Padua, and Michael Davis Central Connecticut State University.
- 10:45 E6**
Structure-Activity-Relationship Profile of Para-Substituted Phenols as Anti- Microbial Agents Jeffrey St. Denis, Walter Steiner and Ronny Priefer, Niagara University
- 11:05 E7**
Soil composition and depth for green roofs: a pilot study Allison Lau and Susan Swensen, Ithaca College.
- 11:25 LUNCH**
- 11:45 E8**
Effects of chronic arsenate exposure on *Leptocheirus plumulosus* in natural sediment Patricia Boyce, M. Judge, I. Visviki, and J. Mahony,
College of Mount Saint Vincent/Manhattan College.

12:05 Lunch

4:30 E9

Microsatellite analysis of the *Limulus polyphemus* population of Long Island Sound Lucas Bernacki, Kirk A Bartholomew and Jennifer H Mattei, Sacred Heart University.

4:50 E10

Phylogeny and taxonomic status of the *Texoreddellia* (Nicoletiidae: Zygentoma: Insecta) cave populations from Texas and Mexico. Christopher D. Mango, Michael P. DeLalio, and Luis Espinasa, Marist Collage.

5:10 E11

Patterns of White-tailed Deer Browsing Across Tree Seedling Assemblages in Five Forests in the New Jersey and New York Highlands Meghan Farrell and Eric Wiener Ramapo College of New Jersey

**Session F: Science Hall
Room 115**

8:45 F1

Infant Preference for Speech-Gesture Synchrony LivAnna Homstead, Marion Hobart, Jeff North, and Dr. Nancy Rader, Widner University and Ithaca College.

9:05 F2

Sticky Mittens Exploration and Attention to Novel and Familiar Toys A. Grimm, A. and D. Fisher-Thompson, Niagara University

9:25 F3

Jury Bias: The effects of race, sex, and physical attractiveness on jury sentencing. Elicia Enriquez and Amy Eshleman, Wagner College.

9:45 BREAK

10:05 F4

Perfectionism and Motivations in Prescription Stimulant Users and Abusers Bethany Lazarski, Sabrina Bengal, Emily Micho, Alyssa Annelo, Ithaca College.

10:25 F5

Conjugate Mobile Paradigm: Measuring Familiar Environment Effects on a Novel Learning Task Adrienne L. West and Dr. Donna Fisher-Thompson, Niagara University.

10:45 F6

Racial Bias: Do We Love Ourselves or Just Hate Everyone Else?
Daniel Bryant, Wagner College.

11:05 F7

'You weasly wimps!' Put-Downs in TV shows for Children and Teens
Megan Maurer, Steve Lowery, George Figueroa, and James Aucoin,
Ithaca College.

11:25 F8

Does Education and Exposure Affect Age-Bias in Facial Recognition?
Erin A. Dunleavy, Lycoming College

11:45 F9

There is No Fruit in Froot Loops?! Improving Children s Nutritional Knowledge with Media Literacy Lindsey Macaluso, Curtis Taylor, Mike Bullock, and Danielle Guior, Ithaca College

12:05 LUNCH

4:30 F10

Trick or Truth? Young Children s Understanding of TV Commercials
Karen Ference, Jenna Tong, Greg Ryan, and Laura Crossley-Marra, Ithaca College.

4:50 F11

Crossing the Burning Sands: A social psychological investigation of hazing. Christianna Gozzi and Amy Eshleman, Wagner College.

5:10 F12

The Effect of Synchronous Gesture and Speech on Infant Looking and Learning Amanda Spyrtos, Katherine Lawrence, LivAnna Homstead and Dr. Nancy Rader, Ithaca College