



## 1999 Petersheim Academic Exposition

May 1-4, 1999

### *Events At A Glance*

#### **Saturday, May 1**

7:00 pm Leadership Awards, Reception Main Lounge, University Center

#### **Sunday, May 2**

#### **Family Day**

|            |                                       |                                |
|------------|---------------------------------------|--------------------------------|
| 10:00 am   | Mass                                  | Immaculate Conception Chapel   |
| 11:00-4:00 | Activities for Children               | University Green               |
| 11:30 am   | Welcome and Brunch                    | Main Lounge, University Center |
| 12:30 pm   | Housing and Residence Life Family Day | Duffy Graduate Lounge          |
| 1:00 pm    | Brownson Forensics: Day of Eloquence  | Pirates Cove                   |
| 1:00 pm    | Poster Sessions                       | Main Lounge, University Center |
| 1:00 pm    | Chemistry Poster Sessions             | Main Lounge, University Center |
| 1:00 pm    | Computer Demonstrations               | CAT Lab, Walsh Library         |
| 1:30 pm    | Biology Society Presentations         | Main Lounge, University Center |
| 2:00 pm    | Play: Beloved Friend                  | Theatre-in-the-Round           |
| 2:45 pm    | Musical Performance                   | Kozlowski Hall Auditorium      |
| 5:00 pm    | Piano Recital                         | Kozlowski Hall Auditorium      |

#### **Monday, May 3**

|            |   |   |
|------------|---|---|
| 9:00 -5:00 | Viewing of Poster Projects                | Main Lounge, University Center  |
| 10:00-5:00 | Project Presentations                     | Main Lounge, University Center<br>Chancellor's Suite, University Center |
| 1:00 pm    | Theater of Absurdity                      | Pirates Cove  |
| 3:00 pm    | Puppet Show: The Bear Facts about Smoking | Kozlowski Atrium  |
| 4:00 pm    | Introduction to Education presentations   | Kozlowski Atrium  |
| 4:00 pm    | Women Writers Through the Ages            | Pirates Cove  |
| 5:00 pm    | The Second Shepherd's Play                | Pirates Cove  |

#### **Tuesday, May 4**

|          |                                    |  |
|----------|------------------------------------|--|
| On-going | Poster projects                    | Main Lounge, University Center                         |
| On-going | Selected presentations             | Chancellor's Suite, University Center<br>Pirate's Cove |
| 2:30 pm  | Images Festival of the Visual Arts | TV Studio, Fahy Hall                                   |
| 6:30 pm  | Images Festival of the Visual Arts | TV Studio, Fahy Hall                                   |

# 1999 Petersheim Academic Exposition

**Sunday, May 2, 1999**

**Presentations**

|                |                      |  |  |
|----------------|----------------------|--|--|
| 1:00 - 3:00 pm | Kozlowski Auditorium | Biology Society<br>Jitesh Patel<br>Carla Klodesky<br>Homaira Rahimi<br>Luis Muniz<br>Bernardo Felix<br>Maria Vila<br>Linda Hirschberger<br>Julie Bolcer                                      | Biology Research Studies Presentations<br>Effect of Alcohol on the Brain: Why the Police Can Test Sobriety<br>Effects of Bacterial Infection on the Brain<br>How Morphine Can Effect the Immune System<br>Effects of Garlic Juice on Cell Growth<br>Effects of Drug Abuse on Blood Brain Barrier<br>The Effects of Endothelin on Cardiomyocytes<br>Molecular Taxonomy of the Lichen Genus Heterodermia<br>Night of Eloquence<br>Play: Beloved Friend<br>Jazz: Ensemble |
| 1:00 pm        | Pirate's Cove        |  |  |
| 2:00 pm        | Theatre-In-The-Round |  |  |
| 3:00 pm        | Kozlowski Auditorium | Amauri Santana<br>Bob Manganaro<br>Derrek Nelson<br>Catherine Sardina<br>Brad Hodson<br>Joe Motika<br>Jieun Yang<br>Irene Georgallis<br>Kelly O'Brien<br>Katherine Reilly<br>Jeffrey Sanders | Piano Trio<br><br><br><br><br><br><br><br><br><br>Vocal Recital  |
| 2:45 pm        | Kozlowski Auditorium |  |  |
| 5:00 pm        | Kozlowski Auditorium |  |  |

**Poster Sessions**

|         |             |   |  |
|---------|-------------|---|--|
| 1:00 pm | Main Lounge | Natalie Fernandez   | Managing the Environment Class   |
| 1:00 pm | Main Lounge | Grace Lomdono<br>Rahri Tailor   | Pressure-ulcer demonstration   |
| 1:00 pm | Main Lounge | Applied Community   | Sociology Applied to Social Life in an Organization Experience   |
| 1:00 pm | Main Lounge | John Brinkman   | New Rhodium Catalyst for the Regioselective and Enantioselective Hydroboration of Styrene  |
| 1:00 pm | Main Lounge | Wei Zeng  | New Rhodium Catalyst for the Regioselective and Enantioselective Hydroboration of Styrene  |
| 1:00 pm | Main Lounge | Sueyuan Li  | Polymerization within Dendrimers   |
| 1:00 pm | Main Lounge | Helen Chao  | Dendritic Coatings for Capillary Electrochromatography   |
| 1:00 pm | Main Lounge | Alfredo Mallace   | Synthetic Efforts toward Trifunctional Triptycenes   |
| 1:00 pm | Main Lounge | Hye-Jung Han  | Cyclopropane Dendrimers  |
| 1:00 pm | Main Lounge | Teawha Kwon   | Direct Measurement of Intermolecular Forces  |
| 1:00 pm | Main Lounge | Deborah Hills-Haney   | Investigation of Submicron and Molecular Scale Defects on Transport Properties Semiconductor Thin Films  |
| 1:00 pm | Main Lounge | Nisha Pathickal   | Myotonic Dystrophy and Cardiac Involvement   |
| 1:00 pm | Main Lounge | Sowmya Govinda  | Expression and Sequencing of the Ribosomal Protein Gene in Chironomus riparius   |
| 1:00 pm | Main Lounge | Catherine Nikolarakos   | Biology of Retinoblastoma  |
| 1:00 pm | Main Lounge | Kenneth G. Karaisz  | Identification of Impurities and Thermal Degradation Products of Iodopropyl Butyl Carbamate  |
| 1:00 pm | Main Lounge | Cindy Mleziva Blake<br>Nicholas Snow                                  | Capillary Zone Electrophoresis: Wash Step Necessity  |
| 1:00 pm | Main Lounge | Chris Zhao  | Evaluation of Coulometric Electro-Chemical Detectors for HPLC  |
| 1:00 pm | Main Lounge | Keith Flood<br>Nicholas Snow  | Effects of $\beta$ - and $\gamma$ -cyclodextrin as mobile phase modifiers for the separation of a series of betamethasone related steroids                           |
| 1:00 pm | Main Lounge | T. Loughlin<br>Y. Kazakevich<br>T. Dowling,<br>G. Bicker<br>J. Wyratt | Reversed-phase HPLC<br>Characterization of supercritical Fluid Chromatography for an Enantiomeric Separation on Packed Column Derivatized Cellulose Stationary Phase |
| 1:00 pm | Main Lounge | Tarun Patel<br>Y. Kazakevich  | The effect of porosity on RPLC retention   |
| 1:00 pm | Main Lounge | G. Tsodikov<br>Y. Kazakevich  | Moisture Sorption as a Method for Measuring the Extend of Ligand Bonding on Silica.  |
| 1:00 pm | Main Lounge | T. O'Brien<br>N. Snow<br>N. Grinberg                                  | Insight into the Recognition of an HIV Protease Inhibitor on a Molecular Imprinted Polymer Phas  |
| 1:00 pm | Main Lounge | Tom Czajkowski  | A Comparison of Syringe Injection to Solid Phase Microextraction Injection Using the Grob Mixture  |
| 1:00 pm | Main Lounge | Adela LoGiudice   | Synthesis and Characterization of Polymetallic Linear Polymers   |
| 1:00 pm | Main Lounge | Hye Jung Ham<br>James Hanson  | Cyclopropane Dendrimer   |
| 1:00 pm | Main Lounge | Richard Allston<br>Dr. Rory Murphy                                    | Reductive Fluorescence Quenching of Tricarbonyl (bipyridyl) Rhenium I Poly (aryl ether) Monodendric Complexes  |

# 1999 Petersheim Academic Exposition

|         |             |   |   |
|---------|-------------|---|---|
| 1:00 pm | Main Lounge | Helen Chao<br>Nina Mueller<br>James Hanson  | Dendrimer as Bonded Stationary Phase in Capillary Electrochromatography   |
| 1:00 pm | Main Lounge | Jodie Brice<br>Amanda Villorosi<br>Stuart Hayden<br>Joseph Simeone<br>John Sowa, Jr.<br>Anthony Paiva | Synthesis of Fluoroaniline Derivatives and Fluoroquinolone Antibacterials by Palladium Catalyzed C-N Coupling           |
| 1:00 pm | Main Lounge | Subhash Patel   | Circular Dichroism Studies of Triplet Repeat DNA Sequences Show Unusual Structures                                      |
| 1:00 pm | Main Lounge | Bruce Sanchez   | The Separation of Isomers and nature of Solute in Reversed Phase Chromatography as a Function of pH of the Mobile Phase |
| 1:00 pm | Main Lounge | R. Lobrutto   | A Study of the effects of pH, in the mobile phase of RP HPLC, on retention time of ionizable basic compounds            |
| 1:00 pm | Main Lounge | Stacey Douglas<br>Michael Latka<br>Donna Lardieri<br>Stacy Douglas<br>Michael Latka                   | Effect of pH and Modifier Type on the Selectivity and Retention   |
| 1:00 pm | Main Lounge |   | The Satutian: A Newsletter on Tell Safut Archaeology  |
|         |             |   | Pottery & Potsherds: Illustrations of Ceramic Typologies  |
|         |             |   | Tell Safut: An Exhibit of Late Bronze Age and Iron Artifacts  |
|         |             |   | Explanatory Guide to Walsh Library Exhibit on Tell Safut  |

## Monday, May 3, 1999

### Presentations

|              |                      |                              |  |
|--------------|----------------------|------------------------------|--|
| 11:00 am     | Main Lounge          | Elizabeth Duarte             | Alternative to Restraints  |
| 12:00 am     | Galleon Room Hallway |                              | Computer Animation Presentation  |
| 1:00 pm      | Pirates Cove         | Julie Bolcer                 | Theatre of Absurdity   |
| 1:00 pm      | Chancellor's Suite   | Maria MacWilliams            | Bacterial Survival Strategies:<br>Evolving to keep One Step Ahead of the Virus       |
| 2:00-4:00 pm | Chancellor's Suite   | Gina Buontempo               | Goal Level and Competing Tasks as Determinants of Role Conflict and Task Performance |
| 2:30-4:00 pm | Main Lounge          | Honors Seminar               |  |
| 3:00-4:00 pm | Kozlowski Atrium     | SHU Lacc Players             | The Bear Facts About Smoking   |
| 3:00 pm      | Pirates Cove         | English Department           | Essay Contest  |
| 4:00-6:00 pm | Kozlowski Atrium     | Introduction to Education    | Statistics in Education  |
| 4:00-5:30 pm | Main Lounge          | University Honors Program    | Honors Theses and other Projects   |
| 4:00 pm      | Pirates Cove         | Women Writers                | Women Writers Through the Ages   |
| 5:00 pm      | Pirates Cove         | English 6013: Medieval Drama | The Second Shepherd's Play   |
| 5:30 pm      | Main Lounge          | Joseph Vigliotti             | Battle of Yorktown   |

### Poster Sessions

Monday, May 3, 1999

|         |             |                                    |   |
|---------|-------------|------------------------------------|---|
| 9:00 am | Main Lounge | Collette Schwartz<br>Roy Perez     | Morale in Nursing   |
| 9:00 am | Main Lounge | Nursing Group                      | Pressure under Protocol   |
| 9:00 am | Main Lounge | Colleen O'Hara                     | Unlocked beds are not safe  |
| 9:00 am | Main Lounge | Maxine N. Lurie                    | Price they Paid: Signers of the Declaration of Do Not Resuscitate |
| 9:00 am | Main Lounge | Olivia Brown<br>Jamic Caputo       |   |
| 9:00 am | Main Lounge | Fall 1998 BMGT 2501                | The Business Freshman Dinner Students                             |
| 9:00 am | Main Lounge | Danielle Dagrosa<br>Melissa Capozz | Controlling MRSA  |



## In Memory of Matthew Petersheim

Matthew Petersheim, Ph.D., associate professor of chemistry, founded the academic exposition in 1995 to highlight the scholastic accomplishments and interests of the Seton Hall University community. "Pride in academic accomplishments should be the foundation for all that happens at a university," he once said. The exposition showcases the talents and achievements of Seton Hall students and faculty through lectures, presentations, theatrical performances, art exhibits, debates and concerts.

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|         |             |  |  |
|---------|-------------|--|--|
| 9:00 am | Main Lounge | Olivia Brown<br>Jamic Caputo           | Do Not Resuscitate   |
| 9:00 am | Main Lounge | Jennifer Crist and<br>Melissa Penney   | Infection Control  |
| 9:00 am | Main Lounge | Jennifer Crist and<br>Melissa Penney   | Infection Control  |
| 9:00 am | Main Lounge | Nancy Napoliello and<br>Kristine Mager | Cultural Competency  |
| 1:00 pm | Main Lounge | Patricia Gallagher                     | Invivo Studies of Heat Shock and Stanous<br>Chloride (SnCl <sub>2</sub> ) in the Inflammatory Response |

## Tuesday, May 4, 1999

### Presentations

|          |                           |  |   |
|----------|---------------------------|--|---|
| 10:00 am | Chancellor's Suite        | William Mazerolle                          | Effects of Apomorphine on the Conditioned Predatory<br>Behavior of Rats |
| 2:30 pm  | Chancellor's Suite        | Current Assessment                         | Assessing Progress and Performance Team                                 |
| 4:30 pm  | Pirates Cove              | Elizabeth Milliken and<br>Nathaniel Knight | Winners of the George Reilly Prize in History                           |
| 5:45 pm  | 11 Mooney Hall            | Public Relations II<br>Students            | Public Relations Campaigns for Non-Profit Clients                       |
| 6:00 pm  | University Center Gallery | Art Show Opening                           |   |

### Images 99 – Festival of the Visual Arts

2:30 and 5:30 pm TV Studio -- Fahy Hall

#### 16mm Films (Introduction to Film Production and Creative Film class students)

Frank Schettino "Bruno and Rascal"  
Clifton Field "Hide and Go seek"  
Charles Santore "Denegerate"  
Candice Castellano "Stud of SHU"  
Fe Bulaclac "Untitled" (Parental Advisory. This film contains  
adult material)

Sheila Dos Santos "Mr. Wrong"  
Tom Palmer "A Trick Gone Bad"  
Livio Udina "The Money Bag"  
Charles Santore "Marble Flowers" (finished print)

#### Super 8 mm films (Introduction to Visual Theory class students)

Laseanda McLellan "Loss of Identity"  
Clifton Field "Revenge"  
Christina Holden "Untitled" (video from Visual theory class)  
Krispin Leddy "Steakout"  
George Delgado "Masked"  
Thom Hinkle "Mel"  
Adlo Necco "America"

#### Video (Studio and Remote Television class projects)

George Delgado "Less than Perfect"  
Sheila DosSantos "Will to Survive"  
Trevor Harmon "Raisen in the Sun"  
Tom Hinkle "Palo Alto"  
Charies Santore Commercials

Steve Rubino  
Alexander Aspero

#### (Additional remote and studio videos will be shown)

#### Computer Animations (Computer Animation class projects)

Wilbert Amaya, Serin Appesh, Jonathan Corini  
Joel DePalma, Pierre Exantus, Djenee Flanagan  
Micael Guzman, Robert Kamphausen, Chun Ko  
James McGovern, Lawrence McKoy, Donny Mendez  
Bryan Meszaros, Mario Peplar, Michael Salerno  
John Sam, Chan Ho Thomas Yi, Anthony Berardo  
Theodore Markovic, Kobi Johnson

Additional student projects in video, computer graphics, desktop publishing, photography,  
public relations and advertising will be displayed as part of the Images Festival of the Visual Arts

Schedule Updates are available by accessing Seton Hall's Web site at <http://www.shu.edu> and clicking on "Academics."