

First Annual Graduate and Professional
Research Symposium
January 25, 2002

Presentations and Poster Presentations



The Graduate and Professional Degree Research Symposium

1/25/02

Presentations and Poster Presentations

click on titles for more information

Session	Commonwealth Auditorium	Tidewater A	Tidewater B	York
1 8:15 8:50		Panel Discussion 1** Anxious Christians: Religion and Constructions of Self <i>American Studies and History</i>		
2 9:00 9:20		continued		
3 9:30 10:10	Interests and Choices of Female Undergraduates as Influenced by Their Educational Choices <i>Education</i>	Panel Discussion #2** Painting, Projection, and Performance: Visual Construction of Identity <i>American Studies</i>	Biology of the Stinkpot Turtle, <i>Sternotanus odoratus</i> , in Lake Matoka <i>Biology</i>	Assessing Critical Labor Shortages in Virginia-- Project for the State Council of Higher Education for Virginia (SCHEV) <i>Public Policy</i>
4 10:20 10:50	Morality: The Mystery in the Everyday <i>Education</i>	continued		Why Do Localities with Higher Population Density Tend to Spend More?-- Project for Virginia's Joint Legislative Audit and Review Commission (JLARC) <i>Public Policy</i>
5 11:00 11:30	Study of Indigent Defense in the Commonwealth of Virginia--Project for the Virginia State Crime Commission (VSCC) <i>Public Policy</i>	Panel Discussion #3** Questions of Ownership: Women and Their Houses <i>American Studies and History</i>	Assessing Biological Availability of Brominated Flame Retardants in Land Applied Biosolids to Soil Dwelling Organisms <i>Marine Sciences</i>	
6 11:40 12:00	The Duration of Fetal Alcohol Effects on Response Habituation <i>Psychology</i>	continued	Moot Court Demonstration: 4th Amendment and Search and Seizure Issues <i>Derek Redmond and Zeke Ross Law</i>	Continuous Video Monitoring of Black Skimmer Chick Food Provisioning <i>Biology</i>
7 12:10 12:30	Measuring the Motivation for Intimacy <i>Psychology</i>	continued	continued	If You Build It, Will They Come? A Study of Created Saltmarsh Birds <i>Biology</i>
12:30 1:20	LUNCH	LUNCH	LUNCH	LUNCH
8 1:30	The Unbearable Lightness of Multiculturalism: On Cultural Diversity and the College Campus	Panel Discussion #4** Colonial Spaces: Constructions of Early <i>American History</i>	Virginia State Agency Use of Performance Measures-- Project for Virginia's Joint Legislative Audit and Review Commission	Physics Department Panel Discussion** The following six presentations will presented in a block from 1:30 to 3:40 Electron Scattering at

	Education	History	(JLARC) Public Policy	Jefferson Lab Kevin Kramer Physics
2:00				
9 2:10 2:40	Opposite Sex Mating Preferences: The Roles of Dominance and Prestige Psychology	continued	Survey and Analysis: Health and Needs Assessment of the City of Hampton Public Policy	Meson Spectroscopy Dan Steiner Physics The Spin Room: Polarized Beams Olivier Gayou Physics
10 2:50 3:10	Federal Spending in the American Aerospace Industry: A Preliminary Assessment of the Return on Investment of Research and Development by NASA in the Air Transportation and Communication Satellite Sectors--Project for the RAND Corporation and NASA** Public Policy	continued	Preparation and Characterization of Polymide/Organoclay Nanocomposites Applied Science	Changing Surface Properties Wendy Vogan Physics Bose-Einstein Condensates Wirawan Puwanto Physics
11 3:20 3:40	continued	continued		Spontaneous Pulse Formation in Bistable Systems Applied Science
12 3:50 4:20	A Case Study of the Coincidence of Giftedness and Identified Disabilities in a Preschool Child** Education	Panel Discussion #5** Region, Cultural Markers, and the Stuff of Identity American Studies and History	Review and Evaluation of the Work of National Commissions on Economic and Budgetary Issues-- Project for the U.S. Congressional Budget Office (CBO) Public Policy	
13 4:30 5:00	continued	continued	Survey and Analysis: The State of Education in Williamsburg-James City County Public Policy	

** start and/or end times are different for these sessions

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All posters will be displayed in Chesapeake A, B and C from 9:30 AM until 4:30 PM. They will also be available for viewing during the reception from 5:00 to 6:00. During this time, several of the students will be available to discuss their research shown in their posters.

Poster titles are as follows:

- **The Influence of the Perception of Risk in Intimacy in the Evaluation of Self-disclosure During the Acquaintanceship Process**
 - Amy B. Brunell and Constance J. Pilkington, Department of Psychology

- **The Role of Self-discrepancy in Subclinical Disordered Eating**
 - Seth D. Tyree, Department of Psychology

- **Ruminations and Day-to-day Events**
 - John Simanski, Department of Psychology

- **Focusing on the Future: An Outreach Program of the Center for Gifted Education**
 - Sue Henson, School of Education

- **Ipsative Subtest Pattern Stability of the Universal Nonverbal Intelligence Test**
 - Susan Lamprecht, School of Education

- **Polybrominated Diphenyl Ethers in Land-Applied Sewage Sludge**
 - Mark J. LaGuardia, Robert C. Hale, T. Matteson Mainor, Ellen Harvey, Michael O. Gaylor, Department of Environmental Sciences, Virginia Institute of Marine Science

- **Spontaneous Pulse Formation in Bistable Systems**
 - George A. Andrews, Jr., Department of Applied Science/Physics

- **Machine Perception--An Application in Medical Ultrasound**
 - Jidong Hou, Department of Applied Science

- **Proton Affinities of Arginine Analogs Using ESI--Tandem Mass Spectroscopy**
 - Erica J. Andriole, Department of Chemistry

- **Preparation and Characterization of Molecularly Imprinted Polymer with (S)-naproxen**
 - Yue Hu, Department of Applied Science/Chemistry

- **Synthesis, Thermal Analysis, and Microstructure of Chlorinated Polyacetylenes**
 - Xianlong Ge, Department of Applied Science/Chemistry
- **Sediment Facies on a Complex Shoreface, Tairua Pananai Embayment, New Zealand**
 - Art Trembanis, Virginia Institute of Marine Science
- **Home Range Size of Loggerhead Turtles in Chesapeake Bay**
 - Kate Mansfield, Virginia Institute of Marine Science
- **Settlement and Survival of the Oyster *Crassostrea Virginia* on Constructed Oyster Reef Habitats in Chesapeake Bay**
 - Janet Nestlerode, Virginia Institute of Marine Science
- **Lipid Biomatter Compositions in Chesapeake Bay Organic Matter**
 - Ai-Ning Loh, Virginia Institute of Marine Science
- **Title to come (Satellite Tagging of Blue Marlin)**
 - David Kerstetter, Virginia Institute of Marine Science
- **A Comparative Study of HIF-1 α Upstream Regulatory Regions**
 - Conor Sipe, Department of Biology
- **Concurrent Use of Alphacentromeric and Heterochromatin Fluorescent *in situ* Hybridization Probes to Enumerate Disomy in Human Sperm**
 - Aileen Frayna, Department of Biology
- **Plumage as a Microhabitat**
 - Justine Whitaker, Department of Biology
- **The Effects of Prostaglandin E2 on the Firing Rate Response of Thermosensitive and Insensitive Neurons in the Ventromedial Preoptic Area of the Hypothalamus**
 - Heather Rannels, Department of Biology
- **Spatial Memory in Migratory vs. Non-migratory Dark-eyed Juncos**
 - Josh LeClerc, Department of Biology
- **Reproductive Biology of *Archinome vosacea*; a Hydrothermal Polychaete**
 - Megan Ward, Department of Biology
- **Size-frequency Distribution of Selected Taxa at Hydrothermal Vents and Cold Seeps**
 - Mary Turnipseed, Department of Biology