

**ASU Chapter of the  
National Honor Society of Phi Kappa Phi  
7th Annual Student Research and Fine Arts Conference  
Wednesday, March 15, 2006, 11:00 – 3:15 pm**

Unless otherwise noted, all sessions are located in the Science Building

## **Keynote Speech 11am-12:15pm - University Hall Room 170**

*Drug Discovery and You: Opportunities and Challenges*

Dr. Binghe Wang, Georgia State University, Department of Chemistry

## **Welcome and Performance 12:30-12:55pm - Science Building Atrium**

*Student performer:* Natalie Greenwald

## **Panel Session I – 1:00 – 2:00 pm (four concurrent panels)**

### **1. Explorations in Math, Computer Science and Chemistry Room W-1001**

*Monte Carlo Diffusion Image Generator to Simulate Diffusion Tensor MRI*

Student Presenter: Kenda Miller

Faculty Sponsors: Dr. Sam Robinson, Professor and Chair, Department of Mathematics and Computer Science and Dr. Nathan Yanasak, Department of Radiology, Medical College of Georgia

*An Exploration into Lost Cities*

Student Presenter: Craig A. Middleton

Faculty Sponsor: Dr. Christopher A. Terry, Department of Mathematics and Computer Science

*Design and Implementation of Computer Games*

Student Presenters: Chris Backhuus, Steven Jackson, Joe Willis and Casey Wiremann

Faculty Sponsor: Dr. Mary D. Medley, Department of Mathematics and Computer Science

*A New Synthesis of 2,5-Bis(4-cyanophenyl)furan*

Student Presenter: Nisaraporn Suthiwangcharoen

Faculty Sponsor: Dr. Chad E. Stephens, Department of Chemistry and Physics

Panel Moderator: Dr. Sam Robinson, Professor and Chair, Department of Mathematics and Computer Science.

## **2. A Symposium: Through Muslim Eyes: Discrimination and Acceptance in the CSRA Room W-1002**

Student Presenters: Jaclyn Forston, LeKeisha Thigpen, J. Edward Sumerau, Eric Wareham, and Brien Word

Faculty Sponsor: Dr. Saundra J. Reinke, Associate Professor and MPA Program Director, Department of Political Science

Panel Moderator: Dr. Sudha Ratan, Professor and Chair, Department of Political Science

## **3. Issues in Education Room W-1004**

*Poverty's Effect on Student Performance*

Student Presenter: Jamilla Hadi

Faculty Sponsor: Dr. Charles C. Jackson, Professor, Department of Educational Leadership, Counseling and Special Education

*The Disproportionate Representation of African-Americans in Special Education*

Student Present: Kenyatta Horne

Faculty Sponsor: Dr. Charles C. Jackson, Professor, Department of Educational Leadership, Counseling and Special Education

*Poster Presentation: Students Introduced to Diversity in the Middle School Setting*

Student Presenters: Lanel Gossett, Argie McKerley, Karmen Moon, and Becky Simpkins.

Faculty Sponsors: Dr. Paulette Harris, Professor, and Dr. Alice Pollingue, Associate Professor, Department of Educational Leadership, Counseling and Special Education.

Panel Moderator: Dr. Peggy Ruth Geren, Associate Professor, Department of Educational Leadership, Counseling and Education.

## **4. Domestic Violence Against Women and Life's Choices Room W-1008**

*Short Film: Domestic Violence - Why Battered Women Stay*

Student Presenter: Cynthia Crawford

Faculty Sponsor: Dr. Ernestine Thompson, Emeritus Professor, Department of Sociology

*Poster Presentation: Attribution of Responsibility for Acquaintance Rape: The Role of Ecstasy*  
Student Presenters: Christina L. Coomer (Augusta State University), Jennifer Castello and Jamie Stilwell (North Georgia College and State University)

Faculty Sponsors: Dr. Deborah Richardson, Professor and Chair, Department of Psychology and Dr. Kelly Cate, Professor, Department of Psychology, North Georgia College and State University

*Short Film: Rewind*

Student Presenters: Issac McAdams and Kalon Hinds

Faculty Sponsor: Dr. Richard Topolski, Associate Professor, Department of Psychology

Panel Moderator: Dr. Christine Launius, Assistant Professor and Director, Women's Studies Program

## **Panel Session II – 2:15 – 3:15 pm (three concurrent panels)**

### **1. Issues in International Politics and Business**

**Room W - 1001**

*Asian Tsunami: Effects on Indian Regional Power Status*

Student Presenter: Matthew Powell

Faculty Sponsor: Dr. Sudha Ratan, Professor and Chair, Department of Political Science

*Economic Systems of Latin America and Spain*

Student Presenter: Jonathan Aceves

Faculty Sponsor: Dr. Jana Sandarg, Professor of Spanish, Department of Languages, Literature and Communication

*Power Corruption and Socioeconomic Factors*

Student Presenter: Clinton L. May

Faculty Sponsor: Dr. Cynthia M. Cano, Assistant Professor of Management, College of Business Administration

Panel Moderator: Dr. Jim Grayson, Associate Professor of Management, College of Business Administration

### **2. Gay, Lesbian and Bisexual Persons in the American South**

**Room W-1002**

*Can't We Be Equal? Gay, Lesbian and Bisexual Persons and Politics in the CSRA*

Student Presenters: Daphney Bunyan, Samuel D. Carraway, Quamid Green, and Daniel Upshaw.

Faculty Sponsor: Dr. Sandra J. Reinke, Associate Professor and MPA Program Director, Department of Political Science

*An Investigation of Southerness and Hate Crimes Against Homosexuals*

Student Presenter: Robert R. Maddox

Faculty Sponsor: Dr. Kimberly A. Davies

Panel Moderator: Dr. Ray Whiting, Professor, Department of Political Science

### **3. Field Studies in Biology**

#### **Room W-1008**

*Non-point Source Pollution & Water Quality in the Augusta Area*

Student Presenters: April Sotomayor, Harvey Howard, Kathryn Hyler and Sherry Banks

Faculty Sponsors: Dr. Bruce Saul, Associate Professor and Dr. Donna Wear, Professor, Department of Biology

*The Influence of Beaver Impoundments on the Dynamics of Mercury Accumulation in Southeastern Stream Fishes*

Student Presenters: Jennifer Summerlin (Augusta State University), C.H. Jagoe, A.L. Bryan and H.A. Brant (Savannah River Ecology Laboratory)

Faculty Sponsor: Dr. Bruce Saul, Professor, Department of Biology

*The Effects of Photoperiods on Behavior and Feeding Habits of *Micropterus salmoides**

Student Presenters: Bora Ban and Jennifer Sternschuss

Faculty Sponsor: Dr. Bruce Saul, Professor, Department of Biology

*Radiation-Induced Germline Mutations in Japanese Medaka*

Student Presenters: Erika Thompson (Augusta State University), O.V. Tsyusko, T.C. Glenn, and T.G. Hinton (Savannah River Ecology Laboratory)

Faculty Sponsors: Dr. Bruce Saul, Professor, Department of Biology and Dr. J.F. Nechtman, Professor, Department of Biochemistry and Molecular Biology, The Medical College of Georgia

Panel Moderator: Dr. Donna Wear, Professor, Department of Biology

## **Poster Presentations**

*1. The Effect of Attractiveness on Perceptions of Sexual Harassment*

Student Presenters: Katherine C. Etzel and Wendi A. Malone

Faculty Sponsor: Dr. Deborah S. Richardson, Professor and Chair, Department of Psychology

*2. Celebrity Worship and Interest in Popular Culture*

Student Presenters: Joseph Moore and Nicole N. Kriegel

Faculty Sponsor: Dr. Robert A. Reeves, Professor, Department of Psychology

*3. Status of the Shoals Spider-Lily on the Savannah River*

Student Presenter: Robert Thornhill

Faculty Sponsors: Donna Wear, Professor and Judy Gordon, Professor, Department of Biology

*4. A Soft Release Protocol for Juvenile Gopher Tortoises (Gopherus polyphemus) Daudin*

Student Presenters: Melissa Warden and Sherry Banks

Faculty Sponsor: Dr. Donna Wear, Professor, Department of Biology, Augusta State University

*5. Leaders Memorable and Great*

Student Presenter: Larry Lamar Pettigrew

Faculty Sponsor: Dr. Diane Prince, Assistant Professor, College of Business Administration

*6. Poor Communication in the Workforce*

Student Presenter: Seretha Williams

Faculty Sponsor: Dr. Diane Prince, Assistant Professor, College of Business Administration

*7. Teaching Positive Psychology with Country Western Song Lyrics*

Student Presenter: Nicole N. Kriegel

Faculty Sponsor: Dr. Robert A. Reeves, Professor, Department of Psychology

*8. Factors Related to Chewing and Spitting in Eating Disorder Patients*

Student Presenters: Ariel Finno and Jeremy Gay, Psychology

Faculty Sponsors: Dr. Rebecca Rogers, Associate Professor, Department of Psychology (Augusta State University) and Dr. Christian Lemmon, Department of Psychiatry, Medical College of Georgia

*9. Smart Toys, Smart Kids: Long-term Effects of Educational Toys on Intelligence*

Student Presenters: Agape R. Powell, Sylvia M. Thompson, and Tip M. Jackson

Faculty Sponsor: Dr. Richard Topolski, Associate Professor, Department of Psychology

*10. Asperger's Syndrome: A Nursing Perspective*

Student Presenter: John Duncan

Faculty Sponsor: Professor Jean Balogh, RN, MSN, OCN, Department of Nursing

*11. Nursing Care of Coronary Artery Disease*

Student Presenter: Carrie Dellinger

Faculty Sponsor: Professor Jean Balogh, RN MSN, OCN, Department of Nursing

*12. Cardiovascular Disease in Women: A Nursing Perspective*

Student Presenter: Amy Coppeans

Faculty Advisor: Professor Jean Balogh, MSN, RN, OCN, Department of Nursing