DYSON COLLEGE OF ARTS AND SCIENCES

THIRTY-FIRST

ANNUAL MEETING

OF

THE SOCIETY OF FELLOWS

SATURDAY, MARCH 3RD, 2012

PACE UNIVERSITY GRADUATE CENTER

1 MARTINE AVENUE

WHITE PLAINS, New York
THE SOCIETY OF FELLOWS
DYSON COLLEGE OF ARTS AND SCIENCES
PACE UNIVERSITY

THIRTY-FIRST ANNUAL MEETING

9:00 a.m.  Coffee and Continental Breakfast–Room 208

10:00 a.m. Welcome–Room 206
Dr. Adelia Williams
Professor of Modern Languages and Cultures
Associate Dean, Dyson College of Arts and Sciences

10:15-11:45 a.m. Plenary Session–Room 206

The Grandeur of the Great Wall of China
Serene Su
Faculty Mentor: Dr. Joseph Tse-Hei Lee, East Asian Studies and History

Text Mining and the Federalist Papers
Robert Hamilton
Faculty Mentor: Dr. Walter Morris, Economics

The Volcano that Shook the World: The Eruption of Mount Tambora and "The Year Without a Summer"
Kathleen Mockler
Faculty Mentor: Dr. Marilyn Weigold, History

Ancient Eastern Philosophy of Daoism Confronts Modern Western Philosophy of Deep Ecology on Nature as an Internal Extension of the Self
Claudia Chan
Faculty Mentor: Dr. Harold Brown, Philosophy and Religious Studies

12:00-1:00 p.m. Luncheon and Posters–Rooms 208 and 204
Presiding, Dr. Nira Herrmann
Dean, Dyson College of Arts and Sciences
1:15-2:15 p.m.  **First Concurrent Afternoon Sessions:**

- **Mechanisms of Disease**–Room 308
  Moderator: Dr. Charlene F. Hoegler

- **Communication Disorders in Culturally and Linguistically Diverse Populations**–Room 320
  Moderator: Dr. Carol S. Alpern

- **Ways of Looking: Creative Writing and the Art of Observation**–Room 322
  Moderator: Dr. Jane Collins

- **Economic Analysis of Public Policy: The Good, The Bad and The Ugly**–Room 326
  Moderators: Dr. Joseph Morreale and Dr. Mark Weinstock

2:30-3:30 p.m.  **Second Concurrent Afternoon Sessions:**

- **Science from Chemistry to Climate Change**–Room 308
  Moderator: Dr. Richard Schlesinger

- **Multilingualism and Second Language Acquisition**–Room 320
  Moderator: Dr. Andriy Danylenko

- **European Perspectives on Film**–Room 322
  Moderator: Dr. Antonia Garcia-Rodriguez

- **Gender Politics in Literature: From Ancient Times to Modern Times**–Room 326
  Moderator: Dr. Bette Kirschstein

3:30 p.m.  **Reception and Awards Ceremony**–Room 208

The Society of Fellows Executive Board wishes to thank and acknowledge all Faculty Mentors and Moderators for their support of The Dyson College of Arts and Sciences Society of Fellows

**DETAILS REGARDING THE POSTER AND CONCURRENT SESSIONS APPEAR ON THE FOLLOWING PAGES**
12:00-1:00 p.m.  **Luncheon and Posters—Rooms 208 and 204**

*Generalized Arithmetical Progressions*
Gila Eban
Faculty Sponsor: Dr. Carmen Vlad, Mathematics

*The Factors that Influence the Chinese Yuan Exchange Rate and the Current Chinese Exchange Rate Policy*
Tianpei Han
Faculty Sponsor: Dr. Joseph Morreale, Economics

*Computer Forensics: Criminal Utilization of Virtual Machines*
Marc Kowtko
Faculty Sponsor: Dr. Jean Coppola, Information Technology

*The Impact of the US Deficit/ GDP ratio, interest rate and the personal savings rate on the growth of the Dow Jones Industrial Average*
Leonard Schaltz
Faculty Sponsor: Dr. Joseph Morreale, Economics
1:15-2:15pm  **First Concurrent Afternoon Sessions:**

**Session 1**  
**Mechanisms of Disease**–Room 308  
**Moderator: Dr. Charlene F. Hoegler**

*Lactate Dehydrogenase Activity May Reflect the Pathophysiological Profile of Heart Failure*  
Angela Conte; Faculty Sponsor: Dr. Charlene F. Hoegler, Biology and Health Sciences

*Retinoblastoma Protein: Which Rb Phosphorylation Sites Play a Role in Induced Apoptosis*  
Raymond Hunce; Faculty Sponsor: Dr. Nancy Krucher, Biology and Health Sciences

*Acetylcholinesterase Isozyme Banding May be Useful in Revealing Heart Pathology*  
Cherelle Palmer; Faculty Sponsor: Dr. Charlene F. Hoegler, Biology and Health Sciences

*Malate Dehydrogenase Activity May Reflect the Pathophysiological Profile of Heart Failure*  
Shayna Shah; Faculty Sponsor: Dr. Charlene F. Hoegler, Biology and Health Sciences

**Session 2**  
**Communication Disorders in Culturally and Linguistically Diverse Populations**–Room 320  
**Moderator: Dr. Carol S. Alpern**

*Multicultural/Multilingual Perspectives on Voice Disorders*  
Taisiya Borik; Faculty Sponsor: Dr. Carol S. Alpern, Communication Sciences and Disorders

*Multicultural Perspectives on Autism*  
Aja M. McClellan; Faculty Sponsor: Dr. Carol S. Alpern, Communication Sciences and Disorders

*Multicultural/Multilingual Perspectives on Down Syndrome*  
Loubelle D. Rivera; Faculty Sponsor: Dr. Carol S. Alpern, Communication Sciences and Disorders
First Concurrent Afternoon Sessions Continued:

Session 3: Ways of Looking: Creative Writing and the Art of Observation
-Room 322
Moderator: Dr. Jane Collins

Selections from Crack the Bone Poetry Collection
Melissa Capozzi; Faculty Sponsor: Dr. Deborah M. Poe, English and Modern Language Studies

Strange Sanctuary
Diana Cavallo; Faculty Sponsor Dr. Deborah M. Poe, English and Modern Language Studies

Andy Goldsworthy-Inspired Artistic Project
Danielle Cosgrove; Faculty Sponsor: Ms. Susan Maxam, University Director for Student Success

Session 4: Economic Analysis of Public Policy: The Good, The Bad, and The Ugly-Room 326
Moderators: Dr. Joseph Morreale and Dr. Mark Weinstock

The Economic Effects of Military Keynesianism
Michael Christensen; Faculty Sponsor: Dr. Joseph Morreale, Economics

The Costs and Benefits of Incarceration Due to Drug Related Offenses
Frances Taormina; Faculty Sponsor: Dr. Mark Weinstock, Economics

Presidential Approval Ratings: Does Peace and Prosperity Matter?
Niles Vu; Faculty Sponsor: Dr. Joseph Morreale, Economics

Questioning Economic Theory: An Econometric Evaluation of the Natural Rate of Unemployment, NAIRU, and the New Keynesian Phillips Curve
Bethany Rolfs; Faculty Sponsor: Dr. Mark Weinstock, Economics
2:30-3:30 p.m.  Second Concurrent Afternoon Sessions

Session 5  Science from Chemistry to Climate Change–Room 308
Moderator: Dr. Richard Schlesinger

Combined Temperature-and Ion-Sensitive Hydrogels Synthesized by Photopolymerization
Christopher Aronoff; Faculty Sponsor: Dr. Sergey Kazakov, Chemistry and Physical Sciences

The Effects of Temperature Increase on Thylakoid Membrane Integrity as a Measurer of Photosynthetic Activity in Arabidopsis Thaliana
Michael Boyle; Faculty Sponsor: Dr. Erica Kipp, Biology and Health Sciences

Multi-mode Selective Detection of Mercury by Chiroptical Fluorescent Sensors Based on Methionine/Cysteine
Wenyao Zhang; Faculty Sponsor: Dr. Zhaohua Dai, Chemistry and Physical Sciences

Session 6  Multilingualism and Second Language Acquisition–Room 320
Moderator: Dr. Andriy Danylenko

Understanding Agrammatic Aphasia from a Multidimensional Perspective
Simone Gendler; Faculty Sponsor: Dr. Andriy Danylenko, Modern Languages and Cultures

Native-Language Interference in English of Arabic-Speaking Learners
Hind Ibrahim; Faculty Sponsor: Dr. Andriy Danylenko, Modern Languages and Cultures

Language Acquisition and Russia-English Bilingualism
Darya Turbina; Faculty Sponsor: Dr. Andriy Danylenko, Modern Languages and Cultures
2:30-3:30 p.m.  **Second Concurrent Afternoon Sessions Continued**

**Session 7**  European Perspectives on Film–Room 322  
Moderator: Dr. Antonia Garcia Rodriguez

*An Historical Allegory of the Kingdom of Spain in Pan’s Labyrinth*  
Matthew Ceurvals; Faculty Sponsor: Dr. Antonia Garcia-Rodriguez, Modern Languages and Cultures

*Battleship Potemkin: The Lion has Risen*  
Kelsey Novick; Faculty Sponsor: Dr. Ruth Johnson, English

**Sessions 8**  Gender Politics in Literature; From Ancient to Modern Times  
-Room 326  
Moderator: Dr. Bette Kirschstein

*Decline of the Power and Position of Women as Reflected in The Oresteia*  
Carla Ferreira; Faculty Sponsor: Dr. Dorothee von Huene-Greenberg, English and Modern Language Studies

*Fairytales Girls Gone Wild: Angela Carter’s Feminist Subversion*  
Maya Mesonzhnik; Faculty Sponsor: Dr. Bette Kirschstein, English and Modern Language Studies

*The Roles of Women in the Orestia and History*  
Kirstin Sandblom; Faculty Sponsor: Dr. Dorothee von Huene-Greenberg, English and Modern Language Studies

3:30 p.m.  **Reception and Awards Ceremony**–Room 208  
Presiding, Dr. Maria T. Iacullo-Bird  
Assistant Dean for Graduate Programs and Undergraduate Research, Dyson College of Arts and Sciences

**The Dyson Society of Fellows Annual Induction Ceremony will take place on the evening of Wednesday, April 25th, 2012 at the Pace University Downtown New York Campus.**