



MICHIGAN STATE  
UNIVERSITY

*86 Years at Michigan State University*  
**1927 - 2013**

Michigan State University Chapter 041

***Annual Initiation Ceremony and Banquet***

**April 13, 2013**

Kellogg Center, Lincoln Room  
12:00 - 2:00 p.m.

## **PROGRAM**

### **Welcome**

Burton A. Bargerstock  
President, MSU Chapter 041

### **Lunch**

### **Invited Speaker**

Mary Todd, Ph.D.  
Executive Director  
The Honor Society of Phi Kappa Phi

### **Initiation Ceremony and Induction**

All Honored Candidates

### **Awards Presentation**

Phi Kappa Phi National Graduate Fellowship Nominee  
Yang Zhang

Study Abroad Grant  
Clara Balliet

Excellence Award in Interdisciplinary Scholarship  
ArtSmarts Among Innovators in Science, Technology,  
Engineering, and Mathematics (STEM)

### **Conclusion**

Burton A. Bargerstock

Founded in 1897, the primary objective of the Honor Society of Phi Kappa Phi is the recognition and encouragement of superior scholarship in all academic disciplines. The society believes that by recognizing and honoring those persons of good character, who have excelled in scholarship, that others will be stimulated to similar goals of excellence.

## Michigan State University 2013 New Phi Kappa Phi Members

### Undergraduate Initiates

Andrew Albert  
Kevin Andreassi  
Jennifer Andrews  
Benjamin Arnosti  
Alyse Bedell  
Alex Bissell  
Matthew Blevins  
Jennifer Bonamici  
Jenna Bumstead  
Robert Busley  
Keely Chandler  
Brenna Cleary  
Abagael Craft  
Taylor Dehnke  
Sara Denbo  
Alexander Dietrich  
Silke Harmon  
Marianne Harris  
Phillip Hernandez  
Timothy Johnson  
Neil Joshi  
Jennifer Kolakowski  
Michaelyn Lux  
Justine Markey  
Lisa McDiarmid  
Dylan Miller  
James Miller  
Chanel O'Brien  
Megan O'Donovan  
Huixian Pan  
Christiana Park  
Kelli Pecora  
Stephen Peltier  
Humphrey Petersen-Jones  
Colton Rose  
Christopher Ruemenapp  
Sydney Ruhala  
Lauren Sabatowski

Michael Sadler  
Lauren Smith  
Steven Stanwick  
Erin Sterk  
Thomas Turkette  
Maria Unuvar  
Lindsey Vincent  
Gregory Vranish  
Rong Wang  
Zhi Wang  
Jessica Westmoreland  
James Winters  
Amanda Young  
Yang Zhang

### Graduate Initiates

Daniel Beck  
Erica Donerson  
Charlie Ferschneider  
Angela Kolonich  
Fadel Matta  
Tressa Mattioli-Lewis  
Bradley Miller  
Kathleen Noble  
Kelly O'Brien  
Rene Rodriguez  
Carl Sahi  
Deanna Sakamoto  
Emily Sutton-Smith  
Luis Zaman

### Faculty Initiates

Raymond Brock  
Frederick Morgeson  
Robert Root-Bernstein

**Congratulations,  
2013 Initiates!**  
Phi Kappa Phi is proud to  
have you as members.

## — FACULTY INITIATES —

The outstanding achievements of these faculty members represent the high standard of scholarship, professionalism, and public service that Phi Kappa Phi symbolizes and supports. The Michigan State University Chapter of Phi Kappa Phi is proud to grant membership to them.

### **Raymond L. Brock**

Raymond Brock has been a member of the Department of Physics since 1982, concentrating his research on experimental tests of the Standard Model. During the early 1980s he was a member of the Fermilab neutral current neutrino experiment E594 and was spokesperson of experiment E733. He was an original member of the DØ collaboration and the co-convenor of the first W mass physics group. During the 1990s he was the convenor of the first ATLAS single top group and led the preparation of the ATLAS Single Top Physics TDR preparation. More recently he has concentrated on the creation of an ATLAS Tier 2 computing center with the University of Michigan. He is continuing with the MSU ATLAS group on single top quark production and in particular trigger performance. Dr. Brock has participated in various excursions into phenomenological projects, notably the resumed contributions to Drell-Yan production of W and Z bosons and NLO contributions to single top quark production at the Tevatron. Dr. Brock earned a bachelor of science in electrical engineering from Iowa State University, a master of science in physics and philosophy of science from Northern Illinois University, and a master of science in physics from Carnegie-Mellon University, where he also earned a Ph.D. in elementary particle physics.

### **Frederick P. Morgeson**

Frederick P. Morgeson is a professor of management at the Eli Broad College of Business at Michigan State University. He received his Ph.D. in industrial and organizational psychology from Purdue University. Dr. Morgeson teaches and does research in human resource management and organizational behavior, with a focus on leadership, the nature and structure of work, and staffing and personnel selection. He has published this research in numerous top-tier management and psychology journals, co-authored the leading job analysis book (*Job Analysis: Methods, Research, and Applications for Human Resource Management*), authored or co-authored numerous book chapters, and presented his research at universities and conferences around the world. He is editor of *Personnel Psychology* and the *Annual Review of Organizational Psychology and Organizational Behavior*, is on the editorial board of the *Academy of Management Review*, and was elected as executive officer for the Academy of Management Human Resources (HR) Division. He was formerly a member of the Academy of Management's HR Division Executive Committee, Associate Editor of *Personnel Psychology*, a member of the SHRM Foundation Board of Directors, and has served on several other editorial boards. Finally, Dr. Morgeson is a recipient of the American Psychological Association Distinguished Scientific Award for Early Career Contribution to Psychology in Applied Psychology. Prior to his academic career, Dr. Morgeson was a manager at a recording studio in the Detroit area. He has been involved in a variety of consulting and applied research projects for a number of organizations.

## Robert Root-Bernstein

Bob Root-Bernstein is a professor of physiology at Michigan State University. He earned his A.B. in biochemistry (1975) and Ph.D. in history of science (1980) from Princeton University, combining the two as a post-doctoral fellow in theories in biology with Jonas Salk, M.D., at the Salk Institute for Biological Studies. A MacArthur Fellowship (1981-1986) encouraged his multidisciplinary activities so that he now studies the evolution of metabolic control systems, autoimmune diseases, and the creative process in the sciences and arts. All of his work is informed by the concept of complementarity, a philosophy maintaining that multiple, interactive perspectives are required to perceive the entirety of any subject or object. Thus, Dr. Root-Bernstein combines his science with art to explore new media such as bioart, in which artists use biological concepts and materials to experiment with our understanding of the world. He has written more than 30 book chapters, 120 peer-reviewed papers, 60 popular essays, and four books: *Discovering* (Harvard University Press, 1989), which was a nominee for the Los Angeles Times Book Award in the Science and Technology category in 1990; *Rethinking Aids* (Free Press, 1993); *Honey, Mud, Maggots, and other Medical Marvels* (Houghton Mifflin, 1997), which was written with Michele Root-Bernstein, as was *Sparks of Genius* (Houghton Mifflin, 1999), which was declared the “Book of the Year” by the four major Korean newspapers when it was translated in 2007.

## — INVITED SPEAKER —

## Mary Todd

Dr. Mary Todd assumed stewardship of Phi Kappa Phi on July 5, 2012. She is the first woman to lead the 115-year-old organization and only the 11<sup>th</sup> individual to hold the position since 1900.

Dr. Todd was initiated into Phi Kappa Phi in 1993 at University of Illinois at Chicago and later led a successful petition to bring a chapter of Phi Kappa Phi to Marshall University, where she was founding dean of the Honors College from 2009-2012. She also served as the primary contact for Phi Kappa Phi at Marshall after the chapter’s installation in 2010.

Prior to her term at Marshall, Dr. Todd served for five years as vice president for academic affairs and dean of the faculty at Ohio Dominican University. She previously taught at Concordia University-Chicago, Roosevelt University, University of Illinois at Chicago, and Dominican University.

As executive director, Dr. Todd is working with the Society’s board of directors to develop a strategic plan for Phi Kappa Phi that supports its mission “to recognize and promote academic excellence in all fields of higher education and to engage the community of scholars in service to others.” She also oversees the day-to-day operations of Phi Kappa Phi headquarters and participates in field activities such as campus visits and chapter installations.

Dr. Todd earned a bachelor of arts in history from Valparaiso University, a master of general studies from Roosevelt University, and a Ph.D. in American history from University of Illinois at Chicago.

## — AWARDS —

### **Phi Kappa Phi National Graduate Fellowship Nominee**

#### **Yang Zhang**

Yang Zhang majored in genomics and molecular genetics at Michigan State University. In 2008, he won the First Prize in the National Biology Unit Competition, and the Third Prize in the National Biology Olympic Competition in China. He has taken 8 graduate-level biological courses during his undergraduate study. With an overall GPA of 4.0, Yang received a number of scholarships from Michigan State University. He is a member of both Phi Kappa Phi and Phi Beta Kappa honor societies. He has been doing research in Dr. Lee Kroos' lab at the Biochemistry and Molecular Biology Department and preparing two first-author manuscripts for publication over the last three and half years. In 2012, he gave a poster presentation at the 4th ASM conference on Prokaryotic Cell Biology and Development in Montreal, Canada. He will pursue his Ph.D. in immunology at University of California, San Francisco.

### **Study Abroad Grant**

#### **Clara Balliet**

Clara Balliet is a senior majoring in arts & humanities and Chinese. This fall, she plans to continue her Chinese language studies at Zhejiang University in Hangzhou province. In China, she will immerse herself in the culture, work towards fluency, and have a more authentic connection with the global Chinese community. This knowledge of Chinese language and culture will allow her to be more sensitive to the needs of the Chinese-speaking community and, in turn, enhance her professional goal of supporting financial empowerment. She will enter the workforce fluent in Spanish, Chinese, and English. This will enable her to apply her professional skills to several ethnic communities, including the growing Chinese and Latino populations in the United States.

## — AWARDS —

### Excellence Award in Interdisciplinary Scholarship

#### ArtSmarts Among Innovators in Science, Technology, Engineering, and Mathematics (STEM)

Does arts and crafts involvement have any relationship with economic development? Do innovators and entrepreneurs use the skills they develop through arts and crafts involvement for problem solving?

MSU's ArtSmarts research team attempted to answer these questions by investigating the creativity and innovation of Honors College graduates from 1990 to 1995 who majored in STEM subjects. From 2010 to 2012 the multidisciplinary team conducted a survey of arts education and exposure in relation to papers published, patents granted, and companies founded.

Analysis of the survey responses indicated that Honors College graduates majoring in STEM subjects are far more likely to have extensive arts and crafts skills than the average American. The respondents reported three to eight times greater involvement in arts training and practice at some point in their lives than the general public.

Among these individuals, such experiences are significantly correlated with producing patentable inventions and founding new companies. The vast majority of them believe that their innovative ability is stimulated by their arts experience; many recommended increasing the exposure of science and technology students to arts and crafts. And, in fact, the ArtSmarts report supports continued financing of the arts with the aim of stimulating economic growth in Michigan and nationally.

In addition to the ArtSmarts report, the team's findings were delivered at a national symposium sponsored by the Brookings Institution and the National Endowment for the Arts in 2012. The proceedings of the symposium are being published by the Brookings Institution. The findings have also been accepted for publication in the *Economic Development Quarterly*.

In 2012 the team received an award from the Michigan Council for Arts and Cultural Affairs to continue their exploration of the connection between creativity and innovative workplace design.

Rex LaMore, Ph.D.

Director, Center for Community and Economic Development

James Lawton, M.F.A.

Professor and Studio Artist, College of Arts and Letters

Robert Root-Bernstein, Ph.D.

Professor, Physiology

Laleah Fernandez

Doctoral Student in Media and Information Studies,  
College of Communication Arts and Sciences

John Schweitzer, Ph.D.

Social Science Research, Professor,  
Center for Community and Economic Development

Amber Peruski

Research Assistant, MSU Honors College, Human Biology

Michele Root-Bernstein, Ph.D.

Adjunct Faculty, College of Arts and Letters

Megan VanDyke

Research Assistant, MSU Honors College, Nursing

Eileen Roraback, Ph.D.

Outreach, Curriculum, and Project Development Specialist  
College of Arts and Letters

# Michigan State University Chapter of The Honor Society of Phi Kappa Phi

## 2012-2013 Chapter Executive Committee

Burton A. Bargerstock, President  
Hiram E. Fitzgerald, Past President  
Lauren J. Harris, Secretary  
Julie L. Crowgey, Treasurer  
Brendan Guenther, Member-at-Large  
Angelika Kraemer, Member-at-Large

## 2012-2013 Committee Chairpersons

Burton A. Bargerstock   George Mansour   Francisco A. Villarruel

## Committee Members and Other Contributors

The Executive Committee would like to thank the following individuals for their generous contributions of time, energy, and creativity over the past several months:

Linda Chapel Jackson  
Mike Davis  
Diane Doberneck

Ghada Georgis  
Lauren Gilbert  
Paul Phipps

Kayci Reava  
Bradley Smith  
Laurie Van Egeren

## MSU Chapter Office

The Chapter is administratively located in the offices of MSU University Outreach and Engagement:

MSU Chapter 041  
The Honor Society of Phi Kappa Phi  
Michigan State University  
Kellogg Center  
219 S. Harrison Road, Room 93  
East Lansing, MI 48824  
E-mail: [pkp041@msu.edu](mailto:pkp041@msu.edu)  
Web: <http://pkp.msu.edu>



# MOTTO

*Philosophía Krateitō Phōtôn*

*Let the love of learning rule humanity*