

14<sup>th</sup> Annual Robert J. Huskey

Biology professor **Robert J. Huskey** served the University for 32 years, starting in 1969. As Associate Dean for Graduate Studies, Dr. Huskey strongly advocated for improving the graduate student experience at UVA, especially in developing assistantships and providing adequate and affordable health care. The first Graduate Research Exhibition in spring 2001 coincided with Dr. Huskey's retirement. For his commitment to graduate students in the arts and sciences, the GSAS Council's cornerstone academic event was named the Robert J. Huskey Exhibition.

# Graduate Research Exhibition



UNIVERSITY  
*of* VIRGINIA

Newcomb Hall March 18<sup>th</sup> 2014

Welcome Participants, Judges, and Supporters,

The annual Robert J. Huskey Graduate Research Exhibition is the premier showcase for graduate student research at the University of Virginia. The Graduate Council is honored to partner once again with the Office of the Dean of the Graduate School of Arts & Sciences, the Office of the Vice President for Research & Graduate Studies and the School of Architecture to make this event possible. We are excited to share with the rest of the University community the great work embodied in the posters and discussions presented today.

Crystal Richardson & Maduka Kaluarachchi,

Co-Chairs

Graduate Council Research Committee

## **Graduate Arts & Sciences Council Officers**

President, Tanwa Arpornthip

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## **GSAS Council Research Committee**

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Diana Dinescu

Grace Erdmann

Bri MacLeod

Thomas McDonald

Apule Osika

Kaycie Kuss Tayler

## **Special Thanks To:**

The Office of the Dean of the Graduate School of Arts and Sciences, The Office of the Vice President for Research and Graduate Studies, The UVa School of Architecture.

Dr. Robert J. Huskey

Dean Laushway & Dr. Trella for all the advice & support

Dorothy Lippincott, for hosting the event in Newcomb Hall and arranging the facility details

UVa Facilities Management, for pleasant partnerships that help the exhibition run smoothly

All the judges and graduate student volunteers

# 2013 Award Recipients

## Arts and Humanities Oral Presentation

1. Beth Sutherland
2. Scott Bailey

## Biological and Biomedical Sciences Oral Presentation

1. Benjamin Thiede, Karin Jensen, Emily Moser, Zachary Weine
2. Christine Coquery, Michael Regan, Jenny Hodges, Jennifer Kaplan
3. Melissa Anderson, Alex Zestos, Rosemary Malfi, Chelsi Snow

## Physical Sciences and Mathematics Oral Presentation

1. Tim Pennuci, Joanna Corby
2. Ryan Duve, Morgan Bolden
3. Joseph Houck, Ashley Ross

## Social and Behavior Sciences Oral Presentation

1. Elizabeth Gilbert, Matt Motyl, Carolyn Palmquist
2. David Dobolyi, Cristina Reitz-Krueger, Michael Poznansky
3. Calvin Lai, Michael Schreck, Elyssa Twedt

## TWO HOOS Session

1. Becca Frazier/Julian Wills
2. Morgan Johnson/Kylene Daily
3. Jared Pienkos/Victor Teran

## Biological and Biomedical Sciences Posters

1. Emily Andre, David Lowe, Stacey Malaker, Zhang Wang, Jonathan Joy-Gaba, Charli Dominguez
2. Megan Sebasky, Tiantian Ren, Eve Privamn, Peter Randolph
3. Bhairav Mehta

## Physical Sciences and Mathematics Posters

1. Qian Liu, Xuan Qin, Loreto Barcos-Munoz, Ashton Brock
2. Andrew Robinson, Pei Wang
3. Heather Sullivan

## Social and Behavioral Sciences Posters

1. Robyn Kondrad, Alison Nagel
2. Yishan Xu, Erin Maresh, David Reinhard
3. Lindsay Juarez

## School of Architecture Winners

1. Peyton May
2. Blake McDonald
3. Kirsten Sparenborg

# Schedule of Events

## Opening Ceremony

9:00 a.m. South Meeting Room

*Keynote address by Dean F. Aaron Laushway*

## Morning Oral & Poster Presentations

9:30 a.m. – 11:30 a.m.\*

## Two Hoos Session

11:15 a.m. – 1:15 p.m.\*

## Judges Luncheon

11:30 a.m. – 2:00 p.m. Kaleidoscope Room

## Afternoon Oral Presentations

1:15 p.m. – 3:15 p.m.\*

## Awards Ceremony

4:00 p.m. South Meeting Room

*Keynote address by Dean Meredith Woo*

\*Specific times and locations for oral and poster presentations can be found on the next page of this program.

## Oral Presentations

### Morning Sessions: 9:30 a.m. – 11:30 a.m.

Session AM: Gender, Race, Human Rights, and Ethics	Art Gallery
Session DM: Family, Religion, and Society	Room 177
Session EM: Digital Humanities	Room 481
Session GM: Cancer, Infectious Disease, and Drug Design	Board Room
Session HM: Bioinformatics, Genomics, and Epigenetics	Room 182
Session KM: Neuroscience, Physiology, and Pathology	South Meeting Room
Session LM: Space Sciences and Physics	Room 389

### Two Hoos Session: 11:15 p.m. – 1:15 p.m.

Room 481

### Afternoon Sessions: 1:15 p.m. – 3:15 p.m.

Session AA: Gender, Race, Human Rights, and Ethics	Room 481
Session BA: War and Peace	Board Room
Session CA: Reasoning, Logic, and Decision Making	Art Gallery
Session KA: Neuroscience, Physiology, and Pathology	South Meeting Room

## Poster Presentations

### School of Architecture : 9:30 a.m.–11:30 a.m.

Kaleidoscope Room

### General Poster Sessions: 9:30 a.m.–11:30 a.m.

Ballroom

## Oral Session Presenters

Laura Alexander, Religious Studies	Ignacio Martinez, Economics
Oat Arpornthip, Physics	Jill Martiniuk, Slavic Languages
Jennifer Barlow, Spanish	Emily Moser, Biomedical Sciences
Jaymes Beech, Biomedical Sciences	Elizabeth Murphy, Environmental
Kathleen Berggren, History	Mahesh Murugesan, Nursing
Jake Borish, Astronomy	Alison Nagel, Psychology
Mandovi Chatterjee, Biomedical Sciences	Caitlin Naylor, Biomedical Sciences
Gloria Chien, Religious Studies	Brandon Ng, Psychology
Frank Cirillo, History	Michael Nguyen, Chemistry
Megan Clemency *	Poon Panichpibool *
George Cortina, Biomedical Sciences	Danila Pankov, Economics
Sophia Cui, Biomedical Engineering	Rachel Park *
Emily Deming *	Brenton Peterson, Politics
Dominic Di Zinno, Religious Studies	Jared Pienkos, Chemistry
David Dobolyi, Psychology	Eve Privman, Chemistry
Stephanie Doktor, Music	
Marissa Drell, Psychology	
Kyle Emery, Environmental Sciences	
Kanchana Gamage, Biology	
Laura Getz, Psychology	
Celeste Goh, Biomedical Sciences	
Laura Gonyar, Biomedical Sciences	
Eugenia Gorlin, Psychology	
Geoffrey Handsfield, Biomedical Sciences	
Kelly Hoffman, Psychology	
Nicholas Howald *	
Yu-Chien Huang, Anthropology	
Adam Hughes, Politics	
Jacob Jaszczak, Biomedical Sciences	
Brittany Johnson, Biomedical Sciences	
Kristen Jones, Astronomy	
Zegbeh Kpadeh, Biomedical Sciences	
Peter Krueger, Biomedical Sciences	
Aravinda Kuntimaddi, Biomedical Sciences	
Calvin Lai, Psychology	
Verlan Lewis, Politics	
Ryan Maguire, Music	
Stacy Malaker, Chemistry	
Jacob Marthaller, Religious Studies	

\* Undergraduate Two Hoos Presenter

## Oral Session Presenters

George Privon, Astronomy  
Lydia Prokosch \*  
Xuan Qin, Biomedical Sciences  
Cristina Reitz-Krueger, Psychology  
Ashley Ross, Chemistry  
Shaina Rowell, Psychology  
Tyler Santander, Psychology  
Micah Schaible, Engineering Physics  
Kathleen Schmidt, Psychology  
Donna Schminkey, Nursing  
Matt Scroggs, Politics  
Laura Shankman, Biomedical Sciences  
Arthur Sikora, Chemistry  
Niranjan Sridhar, Physics  
Zachary Stone, English  
Joseph Stuart, Religious Studies  
Dong SUO, Biology  
Annie Swafford, English  
Michael Swanberg, Nursing  
Thomas Talhelm, Psychology  
Xiaping Tang, Astronomy  
Jeffrey Teoh, Biomedical Sciences  
Anusa Thapa, Chemistry  
Sarah Thomas, Psychology  
Eleferios Trikantopoulos \*  
Francesca Tripodi, Sociology  
Siny Tsang, Psychology  
Christine Van Hover, Biomedical Sciences  
Caroline Vines, Public Health  
Todd Warner, Psychology  
Trey Wenger, Astronomy  
Michael Wheeler, Biomedical Sciences  
Chunqing Yuan, Chemistry  
Alex Zestos, Chemistry

## Judges

Mohamadou Abdoulaye Diallo  
Morgan Angulo  
Linda Bullock  
Robert Cox  
Regina DeGennaro  
Howard Epstein  
Desiree Floyd  
Christopher Hafen  
Amanda Heiderman  
Mike Hilinski  
Kyle Hoehn  
Melissa Hurst  
Colleen Ingram  
Randy Jones  
Vinod Jyothikumar  
Robert Kretsinger  
Michael Kubovy  
Kevin Ludwick  
Stephen Macko  
Jennifer Munson  
Wendy Novicoff  
Sandip Pal  
Charlotte Patterson  
Ricky Patterson  
Eusebio Pires  
Dinko Pocanic  
Fred Richardson  
Jessica Sarver  
Jeffrey Saucerman  
Dorothy Schafer  
Angela Staples  
Alexandra Untaroiu  
Audrey Viguiet  
Mark Whittle  
Ying Zhang

## Poster Session Presenters

Bernadette Blanchfield, Psychology  
Ashton Brock, Chemistry  
Diana Dinescu, Psychology  
Dallas Ducar, Cognitive Science  
Wenjiang Fan, Physics  
Tamara Fischer-White, Nursing  
Anup Gampa, Psychology  
Marlen Gonzalez, Psychology  
Eric Greenwald, Biomedical Engineering  
Mike Hague, Biology  
Krystal Haley, Biomedical Sciences  
Lindsay Juarez, Psychology  
J. Kim, Biomedical Sciences  
Benjamin Liebov, Chemistry  
Sunnie Long, Environmental Sciences  
Debi Luzader, Biomedical Sciences  
Erin Maresh, Psychology  
Jennifer Martin, Chemistry  
David Reinhard, Psychology  
Tiantian Ren, Biology  
Chringma Sherpa, Biomedical Sciences  
Kimberly Stanek, Chemistry  
Heather Sullivan, Environmental Sciences  
Samantha Tornello, Psychology  
Jake Turner, Astronomy  
Yishan Xu, Psychology  
Kerui Xu, Chemistry

## A-School Poster Session Presenters

Dani Alexander, Landscape Architecture  
Katherine Cannella, Landscape Architecture  
Ryan Carbone, Architecture  
Virginia Harness, Art & Architectural History  
Leigh Hilton, Art & Architectural History  
Karilyn Johanesen, Art & Architectural History  
Luke Juday, Urban and Environmental Planning  
Gwendolyn McGinn, Landscape Architecture  
Kat Schnurr, Art & Architectural History  
Margaret Stella, Art & Architectural History  
Oliver Vranesh, Architecture