Welcome to
Graduate Student Day 2014

Follow lives updates of the competition
@GradSchoolatUSC

Like and share photographs
GradSchoolAtUSC

gradschool.sc.edu
TABLE OF CONTENTS

Dean’s Welcome 5

Graduate Student Day Condensed Schedule 6-7

Campus Maps 8-9

Schedule of Events 10-29

Sunrise Sessions

Oral Research Presentations 10-14
Poster Presentations 14-16
3MT/D Speeches 16-18

Midmorning Sessions

Oral Research Presentations 19-23
Poster Presentations 23-26
Creative Performances 26

Awards Ceremony 28-29
On behalf of The Graduate School at the University of South Carolina, welcome to Graduate Student Day!

Now in its 17th year, Graduate Student Day brings together a diverse group of scholars from across the disciplines at USC. This year we are showcasing the research and talent of 150 graduate students selected from 59 programs. Whether you are a member of the USC community, a judge, a volunteer, or a student-presenter, your participation today highlights the quality and importance of graduate research at Carolina.

Our competitions will be in four categories: Oral Research, Creative, Poster and the 3-Minute Thesis/Dissertation Speech. The public is invited to all sessions. Graduate Student Day winners and recipients of several other university awards will be announced at the awards ceremony, which will take place from 1:30 to 2:30 p.m. in the Russell House Ballroom. Please join us!

Sincerely,

Dr. Lacy K. Ford
Senior Vice Provost and Dean of Graduate Studies

The Graduate School would like to thank:

Graduate Student Day Presenters
Graduate Student Day Judges
Graduate Student Day Volunteers
  Graduate Directors
  Graduate Council
Graduate Student Association
USC Career Center
  USC Press
  USC Athletics
Center for Teaching Excellence
Office of the Vice President for Research
  Office of the Provost
Russell House University Union
  Scott Hall Catering
  Displays Unlimited
USC Printing Services
  Image Ink
On behalf of The Graduate School at the University of South Carolina, welcome to Graduate Student Day!

Now in its 17th year, Graduate Student Day brings together a diverse group of scholars from across the disciplines at USC. This year we are showcasing the research and talent of 150 graduate students selected from 59 programs. Whether you are a member of the USC community, a judge, a volunteer, or a student-presenter, your participation today highlights the quality and importance of graduate research at Carolina.

Our competitions will be in four categories: Oral Research, Creative, Poster and the 3-Minute Thesis/Dissertation Speech. The public is invited to all sessions. Graduate Student Day winners and recipients of several other university awards will be announced at the awards ceremony, which will take place from 1:30 to 2:30 p.m. in the Russell House Ballroom. Please join us!

Sincerely,

**Dr. Lacy K. Ford**

Senior Vice Provost and Dean of Graduate Studies
GRADUATE STUDENT DAY OVERVIEW

I. SUNRISE POSTER AND ORAL RESEARCH

Sunrise Session Presenter and Judge Registration
7:30 – 8:30 AM
Russell House Ballroom

Poster Presentations
8:30 – 10:30AM
Russell House 302, 304

Oral Research Presentations
8:30 – 10:30 AM
Russell House 203, 205, 303, 305, 309, 315, 322

II. 3-MINUTE THESIS & DISSERTATION SPEECHES

Russell House Theater
9:00 – 9:35 AM
9:50- 10: 25 AM
10:40-11:05 AM

III. MIDMORNING POSTER AND ORAL RESEARCH

Midmorning Session Presenter and Judge Registration
9:30–10:30 AM Russell House Ballroom

Poster Presentations, 10:45 AM – 12:45 PM
Russell House 302, 304
FRIDAY, APRIL 11, 2014

(Midmorning Poster and Oral Research, cont.)

**Oral Research Presentations, 10:30 AM – 12:30 PM**
Russell House 203, 205, 303, 305, 309, 315, 322

**IV. CREATIVE PRESENTATIONS**

Public Health Research Center 114
921 Assembly Street
11:00 AM– 12:40 PM

**LUNCH**

All participants and judges are invited to a catered lunch, compliments of The Graduate School.

Sunrise Presenters & Judges Lunch, 12:00 – 1:00 PM
Russell House Ballroom

Midmorning Presenters & Judges Lunch, 12:30 –1:30 PM
Russell House Ballroom

**V. AWARDS CEREMONY**
1:30 – 2:30 PM
Russell House Ballroom
Russell House
Poster Research Presentations
Oral Research Presentations
Three Minute Thesis/Dissertation Speeches
Awards Ceremony
Public Health Research Center, 921 Assembly Street
Creative Presentations
GRADUATE STUDENT DAY

1. ORAL RESEARCH PRESENTATION
Sunrise Session 8:30-10:15 a.m. Russell House 203

Shelby Chastain
Biomedical Engineering
8:30 a.m.

Jui-Heng Tseng
Biomedical Engineering
8:50 a.m.

Lawton Roberts
Biomedical Science
9:10 a.m.

Ashlie Evans Riley
Biomedical Science
9:30 a.m.

John Dickinson
Biological Sciences
9:50 a.m.

2. ORAL RESEARCH PRESENTATION
Sunrise Session 8:30-10:15 a.m. Russell House 205

James Mazzuca
Chemistry
8:30 a.m.

Adrienne Dlouhy
Chemistry
8:50 a.m.

Shengfang Sun
Chemistry
9:10 a.m.
Michael Philben     9:30 a.m.
Marine Science

Bridget Bachman     9:50 a.m.
Marine Science

3. ORAL RESEARCH PRESENTATION
Sunrise Session 8:30-10:15 a.m. Russell House 303

Mitchel Murdock     8:30 a.m.
Business Administration

Mariel Razalan     8:50 a.m.
Reatailing

Heather Smith     9:10 a.m.
Mathematics

Jia Zhao     9:30 a.m.
Mathematics

AKM Rahman     9:50 a.m.
Statistics
4. ORAL RESEARCH PRESENTATION

Sunrise Session 8:30-10:15 a.m. Russell House 305

Danielle Schoffman  
Health Promotion, Education, and Behavior  
8:30 a.m.

Stephanie Child  
Health Promotion, Education, and Behavior  
8:50 a.m.

Danielle Gentile  
Health Promotion, Education, and Behavior  
9:10 a.m.

Marsha Samson  
Epidemiology  
9:30 a.m.

Ryan Falck  
Exercise Science  
9:50 a.m.

5. ORAL RESEARCH PRESENTATION

Sunrise Session 8:30-10:15 a.m. Russell House 309

Tara Raftery  
Environmental Health Sciences  
8:30 a.m.

Suvarthi Das  
Environmental Health Sciences  
8:50 a.m.

Sahar Pourhoseini  
Environmental Health Sciences  
9:10 a.m.
Nathan Robinson  
Geological Sciences  
9:30 a.m.

Rajib Mahamud  
Mechanical Engineering  
9:50 a.m.

6. ORAL RESEARCH PRESENTATION
Sunrise Session 8:30-10:15 a.m. Russell House 315

David Dangerfield  
History  
8:30 a.m.

Tyler Parry  
History  
8:50 a.m.

Jennifer Taylor  
History  
9:10 a.m.

Mary Ann Priester  
Social Work  
9:30 a.m.

Jennifer McLeer  
Sociology  
9:50 a.m.
7. ORAL RESEARCH PRESENTATION
Sunrise Session 8:30-10:10 a.m. Russell House 322

Anusha Balachandran 8:30 a.m.
Electrical Engineering

Erin Derrick 8:50 a.m.
Geological Sciences

Benjamin Oliver 9:10 a.m.
Geological Sciences

Brittney Marshall 9:30 a.m.
Geological Sciences

Zhenhua Tian 9:50 a.m.
Mechanical Engineering

8. POSTER RESEARCH PRESENTATION
Sunrise Session 8:30-10:30 a.m. Russell House 302
Posters will be on display for the duration of the session. Judges will view posters at the times designated below.

Heather Dubendris 8:30 a.m.
Epidemiology

Fred Tabung 8:40 a.m.
Epidemiology

Pamela Davis 8:50 a.m.
Epidemiology

Danny Saucedo 9:00 a.m.
Exercise Science
Charity Breneman
Exercise Science
9:10 a.m.

Ryan Porter
Exercise Science
9:20 a.m.

Kamaljeet Kaur
Exercise Science
9:30 a.m.

Kimberly Shorter
Biological Sciences
9:40 a.m.

Benjamin Toscano
Biological Sciences
9:50 a.m.

Manza Agovi
Epidemiology
10:00 a.m.

John Bartlett
Marine Science
10:10 a.m.

Cameron George
Marine Science
10:20 a.m.

9. POSTER RESEARCH PRESENTATION
Sunrise Session 8:30-10:30 a.m. Russell House 304
Posters will be on display for the duration of the session. Judges will view posters at the times designated below.

Stan Trembach
Library and Information Science
8:30 a.m.

Liya Deng
Library and Information Science
8:40 a.m.
Jenn Olejarczyk
Experimental Psychology 8:50 a.m.

Sara McGrath
School Psychology 9:00 a.m.

Charity Griffin
School Psychology 9:10 a.m.

Victoria Bradley
Social Work 9:20 a.m.

Ann Blair Kennedy
Health Promotion, Education, and Behavior 9:30 a.m.

Morgan Taylor
Health Promotion, Education, and Behavior 9:40 a.m.

Xi Cheng
Health Services Policy and Management 9:50 a.m.

Meng-Han Tsai
Health Services Policy and Management 10:00 a.m.

Casey Grant
Speech Pathology 10:10 a.m.

Carolyn Turbeville
Speech Pathology 10:20 a.m.

10. 3-MINUTE THESIS & DISSERTATION SPEECHES
Russell House Theater 9:00 a.m- 11:05 a.m.

Grandon Wilson
Biological Sciences 9:00 a.m.
Daniel Hughes      9:05 a.m.  
Biological Sciences

Yvon Woappi      9:10 a.m.  
Biomedical Science

David Corso      9:15 a.m.  
Educational Technology

Sabih Omar      9:20 a.m.  
Electrical Engineering

Abdul Talukdar      9:25 a.m.  
Electrical Engineering

Jeffrey Makala      9:30 a.m.  
English

BREAK      9:35 a.m.  9:45 a.m.

Katie Becofsky      9:50 a.m.  
Exercise Science

Tatiana Warren-Jones      9:55 a.m.  
Exercise Science

Alexandria Reynolds      10:00 a.m.  
Experimental Psychology

Gina Besenyi      10:05 a.m.  
Health Promotion, Education, and Behavior
Otis Owens      10:10 a.m.  
Health Promotion, Education, and Behavior

Joni Nelson      10:15 a.m.  
Health Promotion, Education, and Behavior

Grishma Bhavsar      10:20 a.m.  
Health Services Policy and Management

BREAK      10:25 a.m.  10:35 a.m.

Naveed Sadiq      10:40 a.m.  
Health Services Policy and Management

Caroline Peyton      10:45 a.m.  
History

Maia Mikashavidze      10:50 a.m.  
Mass Communications

Alma Sehic      10:55 a.m.  
Music Performance

Nicole Reilly      11:00 a.m.  
Pharmaceutical Sciences

Amira Osman      11:05 a.m.  
Health Promotion, Education, and Behavior
11. ORAL RESEARCH PRESENTATION  
Midmorning Session 10:30 a.m.-12:30 p.m. Russell House 203

Han Han  
Biological Sciences  
10:30 a.m.

Anshika Jain  
Biological Sciences  
10:50 a.m.

Allison Manuel  
Biomedical Science  
11:10 a.m.

Mabel Cristina Cuellar Azcarate  
Civil Engineering  
11:30 a.m.

Ali Asghari Tabrizi  
Civil Engineering  
11:50 a.m.

Chanil Jung  
Civil Engineering  
12:10 p.m.

12. ORAL RESEARCH PRESENTATION  
Midmorning Session 10:30 a.m.-12:30 p.m. Russell House 205

Huacheng He  
Pharmaceutical Sciences  
10:30 a.m.

Arpit Saxena  
Exercise Science  
10:50 a.m.

Melissa Kolar  
Exercise Science  
11:10 a.m.
Kimbell Hetzler 11:30 a.m.
Exercise Science

Annie Opseth 11:50 a.m.
Marine Science

Andrew Pollack 12:10 p.m.
Geological Sciences

13. ORAL RESEARCH PRESENTATION
Midmorning Session 10:30 a.m.-12:30 p.m. Russell House 303

Brittany Garvin 10:30 a.m.
Teaching and Learning

Liyun Zhang 10:50 a.m.
Educational Psychology and Research

Jessica Tompkins 11:10 a.m.
Media Arts

Caroline Bergeron 11:30 a.m.
Health Promotion, Education, and Behavior

Xu Jiang 11:50 a.m.
School Psychology

Jessica Koller 12:10 p.m.
Physical Education
14. ORAL RESEARCH PRESENTATION
Midmorning Session 10:30 a.m.-12:30 p.m. Russell House 305

Kassandra Alia 10:30 a.m.
Clinical-Community Psychology

Nevelyn Trumpeter 10:50 a.m.
Clinical-Community Psychology

Sarah Bertrand 11:10 a.m.
Experimental Psychology

Ti Yan 11:30 a.m.
Experimental Psychology

Robert Roscoe 11:50 a.m.
Experimental Psychology

Riane Bolin 12:10 p.m.
Criminology and Criminal Justice

15. ORAL RESEARCH PRESENTATION
Midmorning Session 10:30 a.m.-12:30 p.m. Russell House 309

Lauren Colomb 10:30 a.m.
Linguistics

Jenna Steiner 10:50 a.m.
Linguistics

Jessica Price 11:10 a.m.
Geological Sciences
Jiayao Wang  
Comparative Literature  
11:30 a.m.

Roel Feys  
Philosophy  
11:50 a.m.

Sarah Grace Hudspeth  
Communication Sciences and Disorders  
12:10 p.m.

16. ORAL RESEARCH PRESENTATION  
Midmorning Session 10:30 a.m.-12:30 p.m. Russell House 315

Meryssa Downer  
Marine Science  
10:30 a.m.

Brian Duggan  
Marine Science  
10:50 a.m.

Muhammad Faheem  
Chemical Engineering  
11:10 a.m.

Chao Wang  
Chemical Engineering  
11:30 a.m.

Dominic Casali  
Chemical Engineering  
11:50 a.m.

Yihao Zhu  
Electrical Engineering  
12:10 p.m.
17. ORAL RESEARCH PRESENTATION
Midmorning Session 10:30 a.m.-12:30 p.m. Russell House 322

Yanfeng Shen
Mechanical Engineering
10:30 a.m.

Yu Zheng
Mass Communications
10:50 a.m.

Wan Chi Leung
Mass Communications
11:10 a.m.

Ali Masood
Political Science
11:30 a.m.

Rebecca Reid
Political Science
11:50 a.m.

Judit Trunkos
Political Science
12:10 p.m.

18. POSTER RESEARCH PRESENTATION
Midmorning Session 10:45 a.m.-12:45 p.m. Russell House 302
Posters will be on display for the duration of the session. Judges will view posters at the times designated below.

Karina Liles
Computer Science and Engineering
10:45 a.m.

Nowrin Chamok
Electrical Engineering
10:55 a.m.
(Poster Research Presentation, RH 302 cont.)

Sakib Mohammed Muhtadi
Electrical Engineering
11:05 a.m.

Siwei Wang
Mechanical Engineering
11:15 a.m.

Tanzina Zaman
Mechanical Engineering
11:25 a.m.

Ravish Akhani
Chemistry
11:35 a.m.

William Chance
Chemistry
11:45 a.m.

Tongtong Cao
Physics
11:55 a.m.

Hao Jiang
Physics
12:05 p.m.

Virginia Noxon
Pharmaceutical Sciences
12:15 p.m.

Jing Yuan
Pharmaceutical Sciences
12:25 p.m.

James McClinton
Geological Sciences
12:35 p.m.
19. POSTER RESEARCH PRESENTATION

Midmorning Session 10:45 a.m.-12:45 p.m. Russell House 304

Posters will be on display for the duration of the session. Judges will view posters at the times designated below.

Sandra Rogelberg  
Education Psychology and Research  
10:45 a.m.

Nicoleta Hodis  
Foundations of Education  
10:55 a.m.

Carole Sox  
Hospitality Management  
11:05 a.m.

Yang Cao  
Hospitality Management  
11:15 a.m.

Dawood Al Jahwari  
Hospitality Management  
11:25 a.m.

Lauren Dattilo  
Clinical-Community Psychology  
11:35 a.m.

Kinjal Pandya  
Clinical-Community Psychology  
11:45 a.m.

Diana Sisson  
Mass Communications  
11:55 a.m.

Hwalbin Kim  
Mass Communications  
12:05 p.m.
Megan Southern  
Public History  
12:15 p.m.

Emily Garnett  
Communication Sciences and Disorders  
12:25 p.m.

Svetlana Malyutina  
Communication Sciences and Disorders  
12:35 p.m.

20. CREATIVE PRESENTATIONS  
Public Health Research Center 114  
921 Assembly Street 11:00 AM–12:40 PM

Brandi Ballard  
Creative Writing  
11:00 a.m.

Lamar Johnson  
Curriculum and Instruction  
11:20 a.m.

Alison Hamm  
Media Arts  
11:40 a.m.

Lauren Watkins  
Music Performance  
12:00 p.m.

Joshua Wentz  
Music Performance  
12:40 p.m.
LUNCH 12:00 p.m.-1:30 p.m. Russell House Ballroom

All participants and judges are invited to a catered lunch brought to you by The Graduate School and chef Scott Hall from Bone-In Artisan Barbecue on Wheels.
Graduate Student Day

RUSSELL HOUSE BALLROOM, 1:30-2:30 p.m.

WELCOME
Dr. Lacy K. Ford Jr.
Senior Vice Provost and Dean of Graduate Studies

OPENING REMARKS
Dr. Jessica Elfenbein
Senior Associate Dean, The Graduate School

Danielle Schoffman
President, Graduate Student Association

Wright Culpepper
Conference Organizer, The Graduate School

PRESENTATION OF AWARDS

Center for Teaching Excellence
Preparing Future Faculty (PFF)

PRESENTER: Dr. Christy Friend
Dr. Michelle Hardee

Office of the Vice President for Research
Support to Promote Advancement of Research and Creativity (SPARC) Awards

PRESENTER: Dr. Lauren Clark
Awards Ceremony

The Graduate School

Dean’s Award for Excellence in Leadership

Ann Blair Kennedy, Health Promotion, Education & Behavior
Allisa Miller, Library and Information Science

Outstanding Graduate Teaching Award

Emily Garnett, Communication Sciences & Disorders
Yijia Zhao, Business Administration

Outstanding Thesis Award

Shuo Cao, Chemical Engineering
Sanorita Dey, Computer Science & Engineering
Roy Nirupam, Computer Science & Engineering

Rhude M. Patterson Graduate Fellowship

Karla Reed, Educational Psychology and Research
Irina Vasilyeva Meier, Comparative Literature

Charles Coker Graduate Fellowship

Frank May, Business Administration
Mitchel Murdock, Business Administration

C. C. Royal Graduate Fellowship

Kassandra Alia, Clinical-Community Psychology
George M. Reeves Graduate Fellowship

Gina Besenyi, Health Promotion, Education & Behavior
Jennifer Fill, Biological Sciences C. Royal Graduate Fellowship

PRESENTER: Dr. Jessica Elfenbein

USC Mortar Board Chapter
Mortar Board Fellowship for Graduate and Professional Studies

Jennifer Newman, Communication Sciences and Disorders

PRESENTER: Dr. Jessica Elfenbein

The Graduate School
Graduate Student Day Competition Awards

Oral Research Presentation Overall Winners

Michael Philben, Marine Science
Muhammad Faheem, Chemical Engineering

Oral Research Presentation Room winners

Lawton Roberts, Biomedical Science
Michael Philben, Marine Science
Mitchel Murdock, Business Administration
Danielle Gentile, Health Promotion, Education & Behavior
Suvarthi Das, Environmental Health Sciences
Jennifer McLeer, Sociology
Zhenhua Tian, Mechanical Engineering
Anshika Jain, Biological Sciences
Kembell Hetzler, Exercise Science
Liyun Zhang, Educational Psychology and Research
Riane Bolin, Criminology and Criminal Justice
Sarah Grace Hudspeth, Communication Sciences & Disorders
Muhammad Faheem, Chemical Engineering
Yanfeng Shen, Mechanical Engineering
Creative Performance

1st Place (Tie): Brandi Ballard, Creative Writing
1st Place (Tie): Lauren Watkins, Music Performance

Poster Presentation

Overall Poster Winner: Manza Agovi, Epidemiology

Poster Presentation Room Winners

Manza Agovi, Epidemiology
Sara McGrath, School Psychology
James McClinton, Geological Sciences
Emily Garnett, Communication Sciences & Disorders

3 Minute Thesis/Dissertation Speech

1st Place: Abdul Talukdar, Electrical Engineering
2nd Place: Katie Becofsky, Exercise Science
3rd Place: Otis Owens, Health Promotion, Education & Behavior

PRESENTER: Wright Culpepper

Office of Fellowship and Scholar Programs
National Fellowships and Awards

Fulbright

Sarah McClanahan – English Teaching Assistantship to Indonesia
Cal Coggins – English Teaching Assistantship to Germany
National Science Foundation Graduate Research Fellowship
Rachel Steward, Biological Sciences

National Science Foundation-Honorable Mention
Timothy (Cale) Workman- Electrical Engineering
Taylor Garrick-Chemical Engineering