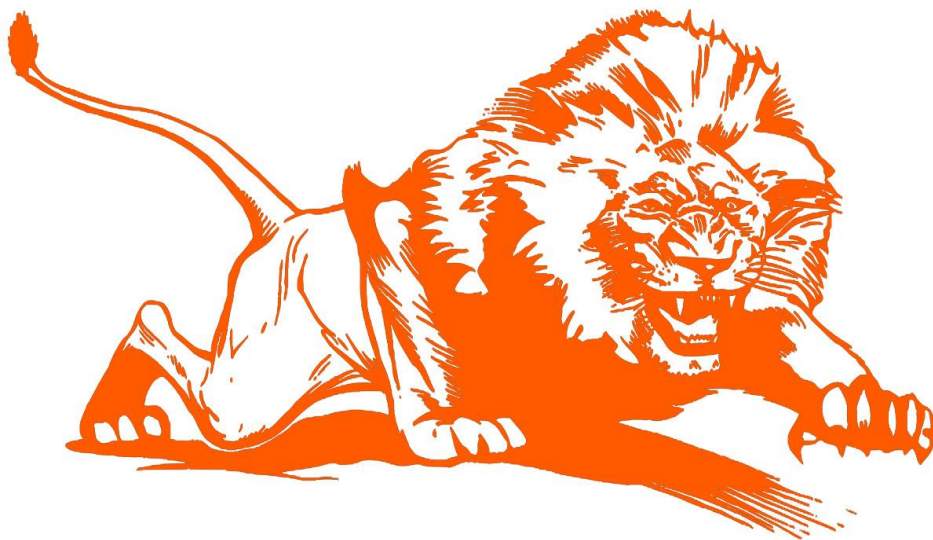


# FLORIDA MEMORIAL UNIVERSITY

A PROMISE. A FUTURE.



## **THIRTEENTH ANNUAL RESEARCH EXPERIENTIAL LEARNING AND PERFORMING ARTS DAY**

**April 22<sup>nd</sup> 2016**

**Undergraduate  
Student  
Presentations**

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**Graduate Student  
Presentations**

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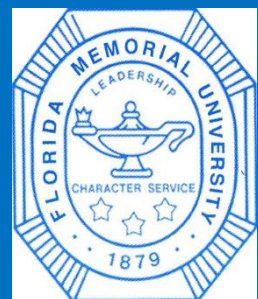
**Speeches**

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**Visual and  
Performing Arts  
Presentations**

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**Foreign  
Languages  
Presentation**





**THIRTEENTH ANNUAL**  
**RESEARCH EXPERIENTIAL LEARNING and PERFORMING**  
**ARTS DAY**

**[Order of Events](#)**

**April 21, 2016**

**5.00 pm to 7.00 pm**

**Graduate Student Presentations**

**[FMU/FIU BLDG Room 150](#)**

**April 22, 2016**

**9.00 am to 12.00 pm**

**Undergraduate Student Presentations**

**[FMU/FIU BLDG Rooms 115,150, 203,165, & 160](#)**

**April 22, 2016**

**1.00 pm to 2.00 pm**

**Visual and Performing Arts Presentation**

**Foreign Languages Presentations**

**Awards Ceremony**

**[Lou Rawls Center for Performing Arts](#)**

# Awards Ceremony

1.00 pm to 2.00 pm

Invocation.....*Dr. Nathaniel Holmes*

Greetings and Remarks..... *Dr. Denise Callwood-Brathwaite*

Welcome and Occasion.....*Dr. Michelle Howard - Vital*

**Performing Arts Presentation**

**Foreign Languages Presentations**

**Awards Distribution**

## Committee Members

Dr. Michelle Howard-Vital (ex officio)

Dr. Denise Callwood-Brathwaite (ex officio)

Dr. Annamaria Jerome-Raja (Chair)

Dr. Dimitri Tamalis

Dr. Arnold Tolbert

Mr. Mel White

Dr. Rose Mary Stiffin

Dr. Edward Stephenson

Dr. William Jong-Ebot

Dr. Nathaniel Holmes

Ms. Priscilla Dobbs

**April 21<sup>st</sup> 2016**

**5.00 pm to 7.00 pm**

**Luiza Ruiz (5:00pm-5:15pm)**

*DuPont Analysis Project for Royal Caribbean Cruises Ltd.*

**Mentor:** Dr. Cheulho Lee

**Ottley Brathwaite (5:20pm-5:35pm)**

*Efficacy of Math to Mastery (MTM- Math) for enhancing Math Fluency among Remedial Level College Students.*

**Mentors:** Dr. Tamar Riley and Dr. Annamaria Jerome-Raja

**Kirsten Valencia (5:40pm-5:55pm)**

*The Effects of Using Touch-Math to Improve Addition Fact Fluency*

**Mentors:** Dr. Tamar Riley and Dr. Annamaria Jerome-Raja

**Yoslaine Valdes (6:00pm-6:15pm)**

*The Effects of Computer-Assisted Algebra Instruction on Students with Disabilities*

**Mentors:** Dr. Tamar Riley and Dr. Annamaria Jerome-Raja

**Yusel Carballo (6:20pm-6:35pm)**

*The Effects of Peer Tutoring to Improve Oral Reading Fluency of Secondary Students with Learning Disabilities Included in a General Education Class.*

**Mentors:** Dr. Tamar Riley and Dr. Annamaria Jerome-Raja

**Shauna Kay Calder (6:40pm-6:55pm)**

*The Effects of Social Stories and Positive Reinforcement to Increase Appropriate Behaviors in a Student with Disability.*

**Mentors:** Dr. Tamar Riley and Dr. Annamaria Jerome-Raja

**9.00 am to 12.00 pm**

**Steve Blain and Monique De Leon (9:00am-9:15am)**

*Fluctuations in Double Radioactive Decay Activities*

**Mentor:** Dr. Ayivi Huisso

**Gabriel Cash and Jobastien Dolcine (9:20am-9:35am)**

*Low-level Naturally Occurring Radiation from Bananas and Implications of this Dosage to the Human Body*

**Mentor:** Dr. Dimitri Tamalis

**Jelonia Rumph, Claromanoora Emile, and Nicole Collins (9:40am-9:55am)**

*The Effects of Bisphenol A and Bisphenol S on Basil, Radish, and Spinach Radicle Length*

**Mentor:** Dr. Marilyn Sherman

**Aissata Dia (10:00am-10:15am)**

*Characterization of Above Background Levels of Radioactivity in Phosphate Rocks from Florida*

**Mentors:** Dr. Dimitri Tamalis, Dr. Ayivi Huisso, and Dr. Michael Elliott

**Brittney Osborne and Emmanuel Gabriel-Ohanu (10:20am-10:35am)**

*Gold and Silver Nanoparticle Transport Coefficient Computation in the Van Hove Limit and their Fluctuations*

**Mentor:** Dr. Ayivi Huisso

**Aissata Dia (10:40am-10:55am)**

*Design and Synthesis of Novel (2Z)-2-[(substituted-phenyl) methyldiene]-3H-Inden- 1/2 - ones as Antimicrobial/Putative Anticancer Agents*

**Mentor:** Dr. Rose Mary Stiffin, Dr. Marilyn Sherman

**Rodana Gustave, Naicha Gustave and Sandy Philippeaux (11:00am-11:15am)**

*The Antibacterial Activity of Cinnamomum zeylanicum, Capsicum annuum L., Manilkara zapota, Thymus vulgaris and Annona muricata, Allium sativum, Myristica fragans and Syzygium aromaticum on Bacillus cereus, Escherichia coli and Serratia marcescens.*

**Mentors:** Rose Mary Stiffin, Marilyn Sherman and Alessandra Hernandez

**Steve Blain (11:20am-11:35pm)**

*Fluctuation in Double Radioactive Decay Activities*

**Mentor:** Dr. Ayivi Huisso

**LeQuoyal Graham and Tonisha Howell (11:40pm-11:55pm)**

*Above Background Naturally Occurring Radiation from Tobacco and Health Implications of this Dosage*

**Mentor:** Dr. Dimitri Tamalis

**9.00 am to 12.00 pm**

**Business**

**Duran Saunders (9:00am-9:15am)**

*JetBlue Airlines Presentation*

**Mentor:** Dr. Barbara Edwards

**Juan Pegoraro and Julio Vera (9:20am-9:35am)**

*Financial analysis of Coach, Inc*

**Mentor:** Dr. Cheulho Lee

**Computer Science**

**Nicole Fisher, Keishante' Thomas, Devon Wright, and Ruddy Jean-Boutin**

**(9:40am-9:55am)**

*Swig Cell Phone App*

**Mentor:** Dr. Robert Steinhoff

**Gregory Dixon, Petrice Brooks, and Samuel Dorismond (10:00am-10:15am)**

*HurdleMan Cellphone App*

**Mentor:** Dr. Robert Steinhoff

**Quentin Perkins, Jacques Huchard, Georgios Pagounis, Momar Ndiaye, and Keith Roye  
(10:20am-10:35am)**

*SGA Cell Phone App*

**Mentor:** Dr. Robert Steinhoff

## **Aviation**

**Liam Fury (10:40 am-10:50 am)**

*Automatic Dependent Surveillance-Broadcast*

**Mentor:** Dr. Arnold Tolbert

**Vashti Charlton (11:00am-11:10am)**

*Growing Aerospace Trends*

**Mentor:** Dr. Arnold Tolbert



**9.00 am to 12.00 pm**

**Psychology**

**Nicole Turner (9:00am-9:15am)**

*Attitudes towards Corporal Punishment among African American College Students On a HBCU Campus*

**Mentor:** Dr. Edward Stephenson

**Kade'Jah Stephens (9:20am-9:35am)**

*The Social Psychological Impact of Eurocentric Beauty Standards on African American Women in College*

**Mentor:** Dr. Edward Stephenson

**Amanda Brown (9:40am-9:55am)**

*The Effect Hair has on the Self-esteem of African American Female College Students*

**Mentor:** Dr. Edward Stephenson

**Jose Vidal-Bazterrica (10:00am-10:15am)**

*International Students-Athletes in HBCUs*

**Mentor:** Dr. Edward Stephenson

**Tokoya Robinson (10:20am-10:35am)**

*“The use of counseling services among Florida Memorial University Students”*

**Mentor:** Dr. Chris Torulagha

**Charvette King (10:40am-10:55am)**

*Perceptions of domestic violence*

**Mentor:** Dr. Chris Torulagha

## **Criminal Justice**

**Vienisha Barr (11:00am-11:15am)**

*The Relationship Between Socioeconomics and Crime*

**Mentor:** Ms. Sharon Todd

**Inais Borque (11:20am-11:35am)**

*The Influence of Drugs and Alcohol on the Social and Psychological Adjustment of Students at an HBCU*

**Mentor:** Dr. Carla Miller

## **Social Work**

**Krystal Currie (11:40pm-11:55am)**

*Attitudes of College Students on the use of Psychotropic Medication in Foster Homes*

**Mentor:** Dr. Sylvia Boynton PhD

**9.00 am to 12.00 pm**

**Religion**

**Widner Valsaint (9:00am-9:15am)**

*Sexuality and Spirituality*

**Mentor:** Dr. Nathaniel Holmes

**Retravia Ingraham (9:20am-9:35am)**

*Sexual Purity: A Call to Holiness Addressing the Issues of Sexuality and Relationships in the Church*

**Mentor:** Dr. Nathaniel Holmes

**Denzel Harris (9:40am-9:55am)**

*Pastoral Leadership & the Black Church: Building a Community of Radical Inclusion*

**Mentor:** Dr. Nathaniel Holmes

**Rickey Thomas III (10:00am-10:15am)**

*Church Transformation: An Ecclesiology for Every Generation*

**Mentor:** Dr. Nathaniel Holmes

## **History**

**Akelia Thomas (10:20am-10:35am)**

*Reflections on the Lion Legacy Trip*

**Mentor:** Dr. Tameka Hobbs

**Joshua Brooks (10:40am-10:55am)**

*A comparative study of the Enrollment of African American men and African American women in FMU*

**Mentor:** Prof. Antony Frazer

**Ashley Nobles (11:00am-11:15am)**

*St. Augustine Project*

**Mentor:** Dr. Tameka Hobbs

## **Communication**

**Davina Lewis, Zoe Hinkson, Kevin Gonzalez, Wytney Dorvillus (11:20am-11:35am)**

*FMU Consumer Power Project*

**Mentor:** Dr. Bill Jong-Ebot

## **Education**

**Lakiesha Cash (11:40am-11:55am)**

*Inclusive Education- Accommodate or Modify*

**Mentor:** Ms. Priscilla Dobbs

**8.30 am to 12.00 pm**

**Mentor:** Dr. Michelle Witherspoon

**Gaphna Mayard**

*Mandela Washington Leadership Program*

**Andre Bee**

*Poseidon Underwater Resort*

**Jada McGill**

*Growing Up Hip-Hop Television Program*

**Brinesha Myrick**

*TASCO Teen Program*

**Maurisha Ebanks**

*Fish Odor Syndrome*

**Patiqua Rolle**

*Alternative Uses of Vaseline*

**Ashley Sola**

*Epiglottis (Two-Tongues)*

**Tremaine Bland**

*Pancake Gun Holster*

**Wolphenson Edouard**

*My Brother's Keeper Leadership Program*

**Rakiva Toney**

*Green Burials*

**Naica Orilas**

*Cyclopia*

**Altoria Anders**

*Frozen Addicts*

**Raven Hanna**

*Makeup Addictions*

**Antoinette McCoy**

*Sally Anne's Corset Shop*

**Armon Love**

*Disc Jockey Showcase*

**Melinda Pierre-Louis**

*Miami's Pirate Duck Tour*

**12.30 to 2.00 pm**

**Mentor:** Dr. Many Angie Salva-Ramirez

**Kyunteh J. Baker**

**Lance T. Mansfield**

**Destiny A.**

**Cody J. Pierce**

**Jasmine M. Searcy**

**Clitiauna D. Dykes**

**Camry L. Brown**

**Dante Buckson**

**Alexis D.Smith**

**Azure N. Quant**

**Shieda Castillo**

**Visual and Performing Arts Presentation**

**Foreign Languages Presentation**



### **Acknowledgements**

#### ***Office of the Academic Affairs***

**Dr. Michelle Howard- Vital**

**Dr. Denise Callwood-Brathwaite**

**Ms. Irene Handsford**

**Ms. Kim Tarver**

#### ***Office of Hospitality and Scheduling***

**Ms.Yvonne Bendross**

#### ***Lou Rawls Center for Performing Arts***

**Mr. Kieth Allan**

**Ms. Ann Nimmons- Payne**