

# RESEARCH WEEK COMMITTEE

ELIZABETH CITY STATE UNIVERSITY

Dr. Farrah Ward-Chair: Academic Affairs  
Dr. Margaret Young-Co-Chair: Director of Undergraduate Research  
Dr. Linda Bailey Hayden- Co-Chair: Math & Comp Sci

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| Dr. Eyalem Abebe: <i>Nat Sci</i>                 | Ms. Kenya Hinton: <i>Math &amp; Comp Sci</i>     |
| Dr. Victor Adedeji: <i>Nat Sci</i>               | Dr. Darnell Johnson: <i>NASA/PiMERS</i>          |
| Dr. Dorothy Aerga: <i>Soc &amp; Beh Sci</i>      | Dr. Kenneth Jones: <i>Acad Affairs</i>           |
| Dr. Confidence Amadi: <i>Bus &amp; Econ</i>      | Dr. Krishna Kulkarni: <i>Math &amp; Comp Sci</i> |
| Dr. Kimberly Bazemore: <i>Ed &amp; Psy</i>       | Dr. Lloyd Mitchell: <i>PE &amp; Health</i>       |
| Dr. Malcom Dcosta: <i>Math &amp; Comp Sci</i>    | Dr. Charles Reed: <i>Soc &amp; Beh Sci</i>       |
| Dr. Paulette Edmunds: <i>Bus &amp; Econ</i>      | Mr. Michael Rice: <i>Sponsored Programs</i>      |
| Dr. Anthony Emekalam: <i>Nat Sci</i>             | Dr. Natasha Spellman: <i>Ed &amp; Psy</i>        |
| Mr. Orestes Gooden: <i>Tech &amp; Av Sci</i>     | Dr. Amber Stamper: <i>LLC</i>                    |
| Mr. Clarence Goss Jr: <i>Vis &amp; Perf Arts</i> | Dr. Walter Swan: <i>Vis &amp; Perf Arts</i>      |

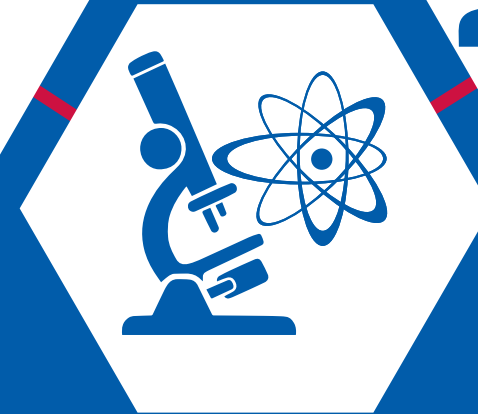
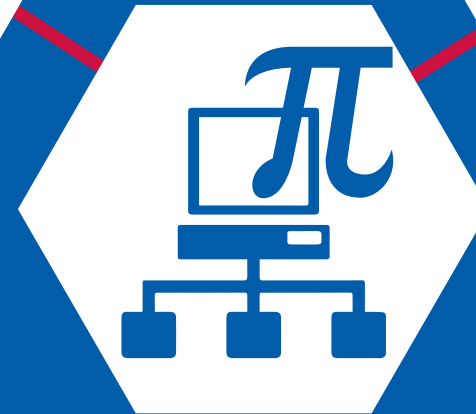
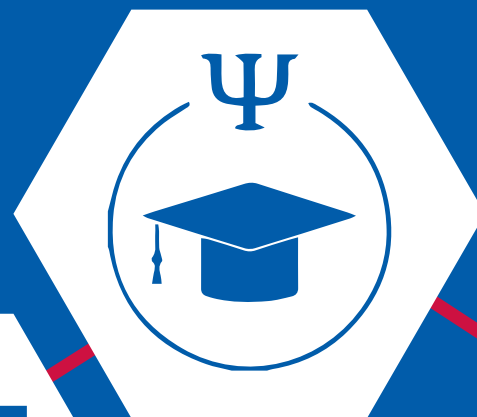
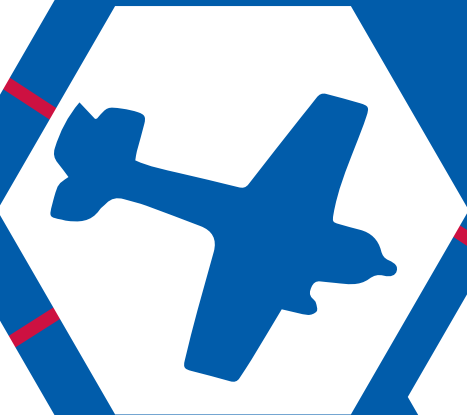
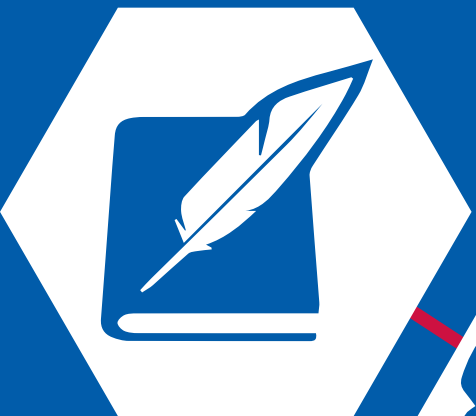
# UNDERGRADUATE RESEARCH WEEK

APRIL 3<sup>RD</sup> - 7<sup>TH</sup>

# 2017

*Today's Learners,  
Tomorrow's Leaders*

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# Today's Learners; Tomorrow's Leaders

## DOROTHY VAUGHAN

Was one of the first African Americans hired as a "computer" at Langley Research Center in 1943.

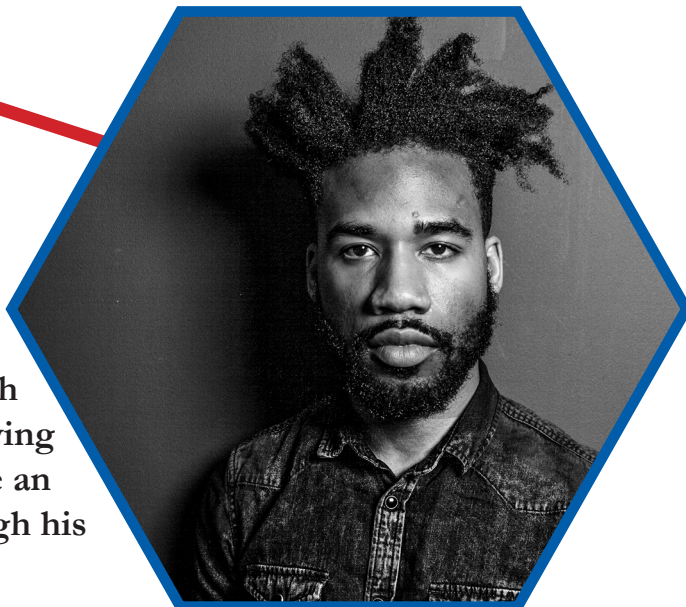
"African American women overcame the barriers of segregation to make important contributions to our understanding of flight..."



UNDERGRADUATE  
**RESEARCH  
WEEK**  
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**2017**

## JOSHUA McFADDEN

An American photographic artist who works to bring awareness to social issues. McFadden is a graduate of Elizabeth City State University and earned his MFA in photography at Savannah College of Art and Design in Atlanta, GA. Growing up in Rochester, NY opened his eyes to become an advocate for social justice and civil rights through his artistic work and community organizing.

A photograph of the ECSU Jazz Ensemble performing on stage. The band members are wearing dark suits with red ties. The background is a blue-tinted image of the ensemble playing various instruments like saxophones, trumpets, and drums.

**E** ELIZABETH CITY STATE UNIVERSITY  
Department of Visual and Performing Arts  
presents

# JAZZ

festival

featuring the **ECSU Jazz Ensemble**  
with guest **The Rhythm Project**

**FRIDAY**  
**APRIL 7, 2017**  
**7 P.M.**

**Burnim Fine Arts Center**  
1704 Weeksville Road  
Elizabeth City, NC 27909

The **ECSU Jazz Festival 2017** will present an evening of tropical music. The ECSU Jazz Ensemble will be joined by festival guest The Rhythm Project, a 21 piece Steel Drum Band. The Rhythm Project will perform music from a tradition with origins in Trinidad.

The program will also include arrangements that will feature the combined Jazz Ensemble and Steel Drum Band.

Free and open to the public.

For more information, please contact **Professor Douglas Jackson**,  
dajackson@ecsu.edu or (252) 335-3377.



## MONDAY APRIL 3, 2017

### OPENING CEREMONY

10:00-10:30 am: Rm 138, Jenkins Science Center  
Presiding: Dr. Farrah Ward, Associate Vice Chancellor for Academic Affairs & Dr. Margaret Young, Director of Undergraduate Research  
Welcome: Dr. Thomas Conway, Chancellor & Dr. Vann Newkirk, Vice Chancellor for Academic Affairs

### EDUCATION AND PSYCHOLOGY DAY

#### CLIMATE CHANGE, SEA-LEVEL RISE, AND SUSTAINABILITY IN THE REGION: The Role of Psychology in Solution Implementation

10:30 - 11:30 am: Rm 138, Jenkins Science Center  
Presenter: Dr. Scott Bradshaw

#### GLOBAL LEARNING AND OBSERVATIONS TO BENEFIT THE ENVIRONMENT

1:00 - 2:00 pm: Rm 204, Gilchrist Complex  
Presenters: Dr. Geraldine Hill, Dana Chandler, Tim Coward, Sana Awadallah, Joslyn Hathaway & John Taylor

#### EDUCATING PEERS ABOUT MENTAL HEALTH ISSUES

2:00 - 3:00 pm: Rm 202, Gilchrist Complex  
Presenters: Dr. Kulwinder Kaur-Walker, Tahiya Manning, Quanneice Flythe, Joshua Caverty & Trevon Blount

#### EVERYDAY SCIENCE FOR PRESCHOOL CHILDREN

3:00 - 4:00 pm: Rm 201, Gilchrist Complex  
Presenters: Drs. Natasha Spellman & Sharon Key-Sutton

#### DID YOU KNOW...BOOKS TEACH CHILDREN MORE THAN READING

4:00 - 4:30 pm: Rm 205, Gilchrist Complex  
Presenters: Dr. Kimberly Fitchett-Bazemore, Sana Awadallah & Rochelle Gary

#### TRADITIONAL VS. SELF-PACED FLIPPED LEARNING: How Can Changing From a Teacher to a Facilitator Impact Your Class?

5:00 - 6:00 pm: Rm 205, Gilchrist Complex  
Presiding: Dr. Sandra Copeland  
Presenter: Jennifer James

## TUESDAY APRIL 4, 2017

### STEM DAY

#### POTATO NODAL AND MICROTUBER CULTURE DEMONSTRATION WITH NEAAAT STUDENTS

8:30 - 10:30 am: Rm 135, Jenkins Science Center  
Presenter: Dr. Margaret Young

#### PROFESSOR ON LOAN

9:00 -1:00 pm: Perquimans Middle School  
Presenters: Dr. Roberto Frontera-Suau & Mr. Moses McDaniel

#### THE AMAZING UNDERGRADUATE RESEARCH WEEK RACE

Registration: 9:00 -10:30 am: RM 323, Pharmacy Complex  
Event starts: 3:30 pm: Lobby of Pharmacy Complex  
Presiding: Ms. Sheryl Bradford & Reta Blair

#### ADDITIVE MANUFACTURING – 3D PRINTING

10:00 -11:00 am: Rm 114, NASA Lab, Dixon Hall  
Presenters: Dr. Kuldeep S. Rawat, Dr. Akbar Eslami & Darius Witherspoon

#### WEB CRAWLING TO MATCH miRNA ID TO EXPRESSION TURNING SECURITY MONITORING INTO AN ENGAGING HIGH PERFORMANCE TASK

2:00 - 3:00 pm: Rm 104, Lane Hall  
Presiding: Dr. Krishna Kulkarni  
Presenter: Dr. Lin Chen & Dr. Malcolm Dcosta

#### STEM PROFESSIONAL PANEL

3:30 – 4:30 pm: Rm 216, Ridley Student Center  
Presiding: Pi-Byte Club (Math & Computer Science)

#### TAR HEELS IN THE TRENCHES: The Great War and the Albemarle

4:30-5:30 pm: Museum of the Albemarle (MOA), 501 South Water St  
Presiding: ECSU History Faculty  
Presenter: Leonard Lanier, (MOA)

#### UNDERGRADUATE STUDENT RESEARCH PRESENTATIONS

5:00 - 6:30 pm: Rm 229 Dixon Patterson Hall  
Presiding: Dr. Linda Hayden  
Presenters: CERSER Undergraduate Students

## WEDNESDAY APRIL 5, 2017

### HOMELAND SECURITY, PUBLIC HEALTH, AND GRANT OPPORTUNITY DAY

#### OVERVIEW OF THE BURROUGHS WELLCOME FUND – FUNDING OPPORTUNITIES & OTHER RESOURCES (FACULTY ONLY)

12 noon - 1:00 pm: Rm 104/105, McLendon Hall  
Presiding: Mr. Michael Rice  
Presenter: Mr. Russ Campbell (BWF)

#### A COMPARISON OF NEUROPATHY ASSESSMENT TOOLS

3:00 – 4:00 pm: Rm 129, VC  
Presenter: Dr. Jennifer J. Brown

### HOMELAND SECURITY STUDENT ORAL PRESENTATIONS

#### TERROR FROM THE AIR, THE GROUND, UP AND DOWN, AND ALL AROUND – HOMELAND SECURITY STUDENTS; INFLUENCE OF TERMINAL DESIGN ON EMERGENCY SOUND SYSTEMS IN AIRPORTS.

4:00 - 5:00 pm: Rm 102, Pharmacy Complex  
Presiding: Dr. Lloyd Mitchell  
Presenters: Georgia Doe; Space Travel Nutrition and Sanitation; JonQuin Elliot

### PUBLIC HEALTH STUDENT ORAL PRESENTATIONS

#### A REVIEW OF EPIDEMIOLOGICAL REPORTING WEBSITES: STUDENT USER PERSPECTIVES

Presenters: Ty Bazemore, Alyssa Bryant, Christina Greschak, Jasmine Nixon

#### REDUCING INCIDENCE OF SUDDEN DEATH OF AFRICAN AMERICAN MALE COLLEGE STUDENTS DUE TO ENLARGED HEART SYNDROME

Presenters: A.J. Mundle & Demetria Baines  
5:00 - 6:30 pm: Rm 102, Pharmacy Complex  
Presiding: Dr. Lloyd Mitchell

#### SCHOOL SHOOTERS: WHAT WE KNOW AND IMPLICATIONS FOR CHARTER SCHOOLS ON COLLEGE CAMPUSES

7:00 - 8:00 pm: Rm 102, Pharmacy Complex  
Presiding: Dr. Lloyd Mitchell  
Presenters: Christina Greschak, Joseph McCaslin & Demetria Baines

#### HPV: OPPORTUNITIES AND CHALLENGES FOR CANCER PREVENTION IN NORTHEAST NORTH CAROLINA

7:00 - 8:00 pm: Rm 102, Pharmacy Complex  
Presiding: Dr. Lloyd Mitchell  
Presenter: Dr. Essie Torres, EC  
Closing Remarks and Networking

## THURSDAY APRIL 6, 2017

### FINE ARTS AND HUMANITIES DAY

#### ELIZABETH CITY STATE TEACHERS COLLEGE HISTORIC DISTRICT WALKING TOUR

Throughout the day: ECSTC Historic District, Parkview Ave  
Presenters: Self-guided on Clio app (theclio.com), researched and developed by HIST 200 students

#### FEDERAL LAW ENFORCEMENT AND JOB OPPORTUNITIES

10:00-10:50 am: Rm 301, Gilchrist Complex  
Presiding: Dr. Dorothy Kersha-Aerga  
Presenter: Gentry O. Smith, Director of the Office of Foreign Missions, U.S. Department of State (2015-17)

#### LIFE DRAWING DEMONSTRATION

10:30-11:50 am: Fine Arts Amphitheatre  
Presiding: Nora Hartlaub  
Presenters: Art Students

#### 3D ANIMATION AND FILM EDITING DEMONSTRATION

10:30-11:50 am: Fine Arts Amphitheatre  
Presiding: Jeff Whelan  
Presenters: Hagen Hodgkins & Darius Turner

### SOCIAL AND BEHAVIORAL SCIENCES STUDENT POSTER PRESENTATIONS

#### Race, Age, and Social Class in Affecting Domestic Violence in the USA - Nadiya Barco

Education, Income, and Race: An Assessment - Joshua Caldwell

#### Race, Ethnicity & Sexual Orientation: An Analysis of Social Change - Edward Colson

Illegal Immigration & Employment over Time in the USA - Alice Copeland

#### Race, Age, and Social Class in Affecting Homicide in the USA - Avante Cross

Social Mobility in the USA: How do Race & Social Class Interact? - Kristen Faust,

**Arrest Rates by Race, Age, and Social Class** - Shari Gamer

**Income Inequality and Poverty in the USA over Time** - Cortiz Holt

**Racial Inequality and Health Disparity in the USA: A Trend Analysis** - Amma Konadu

**Effects of Race, Age, and Social Class on Obesity** - Donte Lawrence

**Effects of Race, Age, and Social Class on Poverty** - Diamond Madison

**Crime Rates and Gender** - Tikeyia Mallory

**The Legitimization Function of the Mass Media in the USA** - Deonna Mcree

**Unemployment & Suicide Rates** - Ebony Parker

**Race and Teenage Pregnancy: An Assessment** - Chenita Porter

**Suicide Rates Among College Students in the USA** - Jensen Price

**Race and Sex in Determining Suicide Rates in the USA** - Rickelle Purefoy

**Discrimination in the USA** - Paris Rankins

**Perceptions about Racial Groups in the USA** - Hanan Williams

1:00-2:00 pm: Gilchrist Complex 1st Floor Lobby  
Presiding: Dr. Shaymal Das

**DIGITAL PHOTOGRAPHY TECHNIQUES FOR DOCUMENTARY PHOTOGRAPHY WITH INTERNATIONALLY RENOWNED PHOTOGRAPHER, JOSHUA MCFADDEN '12 GRADUATE**

1:00 – 2:50 pm: Rm 133, Fine Arts Center  
Presenting: Joshua McFadden  
Presiding: Mr. Clarence Goss

**STAINED GLASS DEMONSTRATION**

1:00-3:20 pm: Fine Arts Amphitheatre  
Presiding: Jeff Whelan  
Presenters: James Staats & James Wester

## **SOCIAL AND BEHAVIORAL SCIENCES STUDENT ORAL PRESENTATIONS**

**CYBER BULLYING** -  
CAMERON PERRY

**RADICALIZATION OF TERRORISTS** -  
Dwayne Ponton

**FORCED PROSTITUTION AND SEXUAL SLAVERY** -  
Crystal Owen

**SHOULD NON-VIOLENT EX-OFFENDERS VOTE?** -  
Robin Walden

**REFORMING IMMIGRATION POLICY IS GOOD FOR OUR DEMOCRACY** - Kevon Smith

2:00-3:00 pm: Rm 301, Gilchrist Complex  
Presiding: Dr. Margery Coulson-Clark, Dr. Chyna Crawford & Dr. Dorothy Kersha-Aerga

**MAKING OF A YOUNG MOGUL: ECSU Young Alumni Panel (in association with Viking Fest)**  
3:00 – 5:00 pm: Rm 2016, Ridley Student Center

**POETRY READING**

3:30 - 4:30 pm: Rm 220, Johnson Hall  
Presiding: Dr. Michael Jasper  
Presenters: Dr. James Goar & Dr. Eric Weil

**COLLEGE WOMEN'S ATTITUDES ABOUT IMPRISONED WOMEN IN "ORANGE IS THE NEW BLACK" AND "REAL LIFE WOMEN PRISON INMATES"**

3:30 - 4:30 pm: Rm 220, Johnson Hall  
Presiding: Dr. Kenneth E Jones  
Presenter: Brandi Gray

**ALL AROUND MUSIC**

5:00 - 6:00 pm: Ridley Student Center and Quad  
Presiding: Dr. Walter Swan  
Presenters: Tiffany Bryan, Ezekiel Covenant & Danisha Downing

## **UNDERGRADUATE STUDENT RESEARCH PRESENTATIONS**

5:00 - 6:30 pm: Rm 229 Dixon Patterson Hall  
Presiding: Dr. Linda Hayden  
Presenters: CERSER Undergraduate Students  
Dinner Served

**FRIDAY APRIL 7, 2017**

# **ECSU DAY**

## **OPENING CEREMONY AND CONCURRENT SESSIONS FOR IMPACT AND NEAAAT STUDENTS**

9:00-11:30 am: Both Jenkins and Pharmacy Buildings  
Presiding: ECSU IMPACTERS

## **K-12 JAZZ APPRECIATION CLINIC**

10:00-11:15 am: Robinson Auditorium  
Presiding: Mr. Douglas Jackson

## **ECSU POSTER SESSION; DEPARTMENTAL DISPLAYS; UNIVERSITY ASSOCIATED DISPLAYS; ECSU MOBILE STEM LAB**

10:00-11:30 am: Vaughan Center Gym  
Presiding: Dr. Margaret Young & Mr. Orestes Gooden

## **FAMILY OF THE LATE DOROTHY VAUGHAN (OF HIDDEN FIGURES FAME) WITH QUESTIONS AND ANSWERS SESSION**

12 noon– 1:00 pm: Fine Arts Auditorium  
Presiding: Dr. Glen Bowman & Dr. Kenneth E Jones

## **IN CONVERSATION WITH JOSHUA RASHAAD MCFADDEN**

2:00-3:00 pm: G.R. Little Theater  
Presiding: Mr. Clarence Goss  
Presenter: Joshua McFadden '12 graduate

## **ECSU JAZZ FESTIVAL**

7:00 pm: Robinson Auditorium  
Presiding: Mr. Douglas Jackson

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