

# RESEARCH WEEK COMMITTEE

Dr. Farrah Ward-Chair: Academic Affairs

Dr. Margaret Young-Co-Chair: Director of Undergraduate Research

Dr. Linda Bailey Hayden- Co-Chair: Math & Comp Sci

Dr. Victor Adedeji: Nat Sci

Dr. Kenneth Jones: Dean and Honors Program

Dr. Kimberly Bazemore: Ed & Psy

Dr. Krishna Kulkarni: Math & Comp Sci

Dr. Malcom Dcosta: Math & Comp Sci

Ms. Annmarie Delgado: Sponsored Programs

Dr. Robert Freeland: Soc & Beh Sci

Dr. Bijander Kumar: Tech & Av Sci

Dr. James Goar: LLC

Dr. Peter Loebach: Soc & Beh Sci

Dr. Tim Goodale: Ed & Psy

Dr. Adam McKee: LLC

Mr. Orestes Gooden: Tech & Av Sci

Dr. Lloyd Mitchell: PE & Health

Mr. Clarence Goss Jr: Vis & Perf Arts

Dr. Sase Singh: Bus & Econ

Dr. Gary Harmon: Nat Sci

Dr. Walter Swan: Vis & Perf Arts

Ms. Kenya Hinton: Math & Comp Sci

Dr. Kunpo Tao: Bus & Econ

Dr. Jingbin Wang: Soc & Beh Sci

# ELIZABETH CITY STATE UNIVERSITY

UNDERGRADUATE

# RESEARCH WEEK 2018

APRIL 9-13

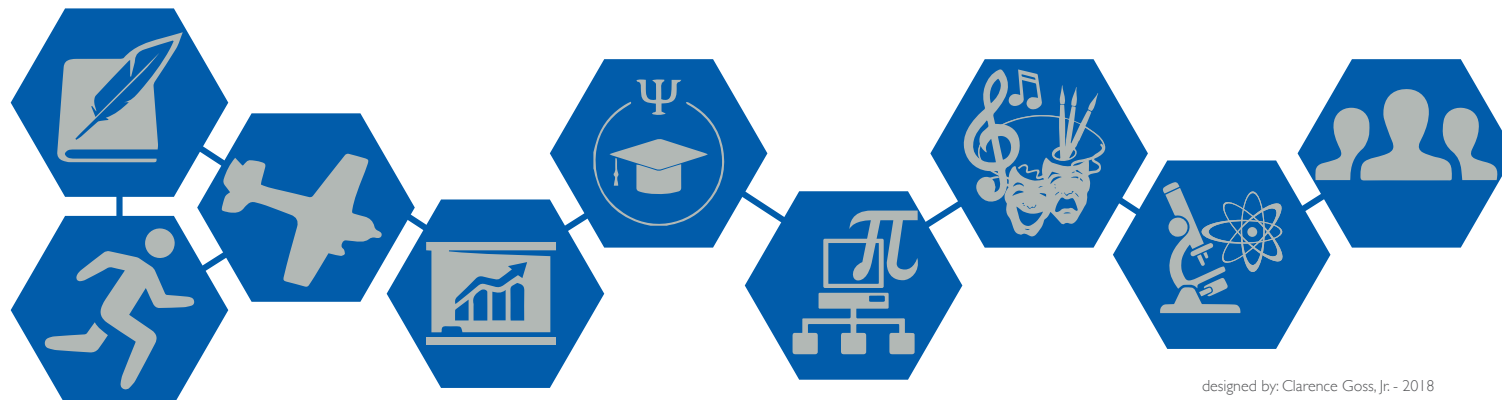
DARING TO

# INQUIRE AND INSPIRE

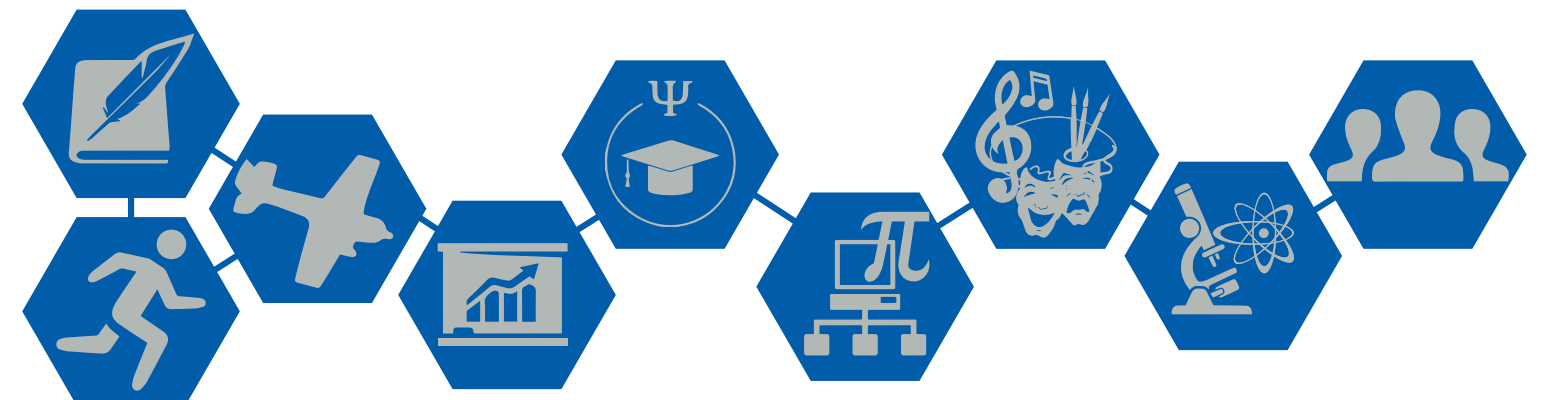


<https://ecsurw.wixsite.com/rw2018>

#ecsurw18



designed by: Clarence Goss, Jr. - 2018





Economic Justice  
**Mr. Vann Newkirk II**



NSF Ocean observing: The Past, The Present, The Future?  
**Dr. Lisa Clough, Head of Ocean Sciences**

## THE E.V. WILKINS ENDOWED CHAIR SERIES PRESENTS

# HARNESSING THE POWER OF SCHOLARLY DIALOGUE



Dr. Lisa D. Delpit, Felton G. Clark  
Distinguished Professor of Education  
at Southern University and author of  
*Multiplication Is for White People and  
Other People's Children: Cultural  
Conflict in the Classroom*

Wednesday 11 April 2018  
3:30 pm | K.E. White Graduate Center

Co-sponsor:  
IGNITE: Next Generation of New Teachers  
A funded program of the W. K. Kellogg Foundation





**FRIDAY, April 13, 2018**

## *Dr. Darnell Johnson's Day*



ELIZABETH CITY STATE UNIVERSITY

Opening Ceremony and  
Concurrent Sessions  
for Middle and High School Students

ECSU Poster Session  
Interactive Departmental Displays  
University Associated Displays  
ECSU Mobile STEM Lab  
Planetarium

10:00 - 11:45 am:  
Williams Hall and Departments  
Presiding: Dr. Margaret Young &  
Mr. Orestes Gooden

Dr. Darnell Johnson's Life  
12 noon – 12:15 pm: Rm 138  
Jenkins Science Center  
Presenter: Dr. Linda Hayden

12:30 – 1:30 pm:  
Departments Presiding:  
Dr. Margaret Young  
& Mr. Orestes Gooden

Interactive Departmental Displays  
University Associated Displays  
ECSU Mobile STEM Lab  
Planetarium

Open Mic  
5:00 pm:  
Page after Page Bookstore,  
111 S Water St,  
Elizabeth City, NC 27909  
Presiding: Dr. James Goar  
and Dr. Adam McKee  
Presenter: ECSU students  
and the community

**MONDAY APRIL 9, 2018**

### Welcome Ceremony

10:00-10:15 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. Vann Newkirk, Provost and  
Vice Chancellor for Academic Affairs

### Economic Justice

10:15 - 11:30 am: Rm 138, Jenkins Science Center  
Presenter: Mr. Vann Newkirk II

### Education Day

#### Next Gen Pedagogy Through the Looking Glass of Project Based Learning (A Forum)

1:00 – 2:00 pm; Rm 106, Gilchrist Complex  
Presiding: Daaiyah Saleem  
Presenters: Dr. Gwendolyn Williams, Dr. Geraldine  
Hill, Ollie Gibbs, Waynetta Shabazz

#### Improving teaching effectiveness: Practicing what we preach

#### Stewardship: "I can't believe they gave me a job"

4:00 – 5:00 pm: Rm 106, Gilchrist Complex  
Presiding: Dr. Kimberly Fitchett-Bazemore  
Presenter: Dr. Kacey DiGiacinto

#### Department of Navy (HBCU/MI Program)

Rm 104, Pharmacy Complex  
Presiding: Ms. Annemarie Delgado, SPO  
Presenter: Mr. Anthony C. Smith, Sr.  
12:30 – 1:30 pm: ECSU Lab Tours (Dixon Hall)  
1:30 – 2:00 pm: Meeting with ECSU Leadership and Staff  
2:00 – 2:45 pm: Meeting with ECSU Students  
3:30 – 4:30 pm: Meeting with ECSU Faculty/Staff and  
Administrators

#### Opening Reception and Plenary Session

5:30 - 7:00 pm: Lobby and Rm 102, Pharmacy Complex  
Presiding: Presiding: Dr. Farrah Ward, Associate Vice  
Chancellor for Academic Affairs & Dr. Margaret  
Young, Director of Undergraduate Research

Keynote Speaker: Dr. Lisa Clough, Head of Ocean  
Sciences, NSF Ocean observing: The past, the present,  
the future?

**TUESDAY APRIL 10, 2018**  
**STEM Day**

### NC Conversations 2: Coastal Concerns

8:00 - 9:30 am: Rm 102, Pharmacy Complex  
Presiding: Dr. Robert George, CERSER (ECSU)  
Presenters: Dr. Michael Piehler (ECU); Dr. Timothy  
Goodale (ECSU); Dr. Erin Moran (CMS); Dr. David  
Eggleston (CMAST, NCSU); and Dr. Paul Ticco  
(NOAA)

### Observatory for Monitoring NC Coastal and Marine Ecosystems with Focus on Climate Change (Roundtable)

10:00 – 12 noon: Rm 102, Pharmacy Complex  
Presiding: Dr. Robert George, CERSER (ECSU)  
Participants: Dr. Lisa Clough (NSF); Dr. Richard Barber  
(DUMI); Dr. Robert George (ECSU); Dr. Hans Paerl  
(UNC-CH)

### An Investigation of Atomic Structures Derived using X-ray Crystallography and Cryo-Electron Microscopy using the Distal Block - Dr. Lin Chen

Learning outside the classroom and beyond  
- Dr. Malcolm Dcosta and James Iran

### A Regression Analysis of Hospital Stays in a Nosocomial Infection Control Data

- Matthew Hill and Dr. Julian Allagan  
11:00-12:30 pm: Rm 109, Lane Hall  
Presiding: Dr. Kenneth L. Jones

### Marine-STEM Project (grant to NSF) - Closed Session

1:30 – 2:30: Gilchrist Complex Boardroom  
Presiding: Drs. Tim Goodale and Robert George  
(ECSU)

### Coastal Concerns in NC: Climate Change Perspectives, Natural Resources and Grant Opportunities

3:00 – 4:30 pm: Rm 102, Pharmacy Complex  
Presiding: Dr. Robert Corbett (ECU)  
Presenters: Dr. Lisa Clough (NSF); Dr. Siemeon Yurek  
(USGS); Mr. Sam Cook (NCSU); Dr. Susan White (NC  
Sea Grant)



**Coastal Concerns in NC: Risks from Climate Change**  
4:30 - 5:20 pm: Rm 102, Pharmacy Complex  
Presiding: Dr. Clarence Styron (The Georgia Institute)  
Presenters: Dr. Robert George (ECSU);  
Dr. Bill Crowell (APNEP)

**ECSU- STEM and Gateway Initiatives for Work (FPRCE) and Award Ceremony**  
5:20 - 5:30 pm: Rm 102, Pharmacy Complex  
Presiding: Dr. Robert George (CERSER)  
Presenter: Dr. Linda Hayden (ECSU)  
GIBS Award of Dr. Darnell Johnson Medal to Dr. Linda Hayden (ECSU). Awarded BY Dr. Robert George  
GIBS Award OF Dirk Frankenberg Medal TO Dr. Hans Paerl (UNC-CH). Awarded by Dr. B. J. Copeland

**WEDNESDAY APRIL 11, 2018**  
**Business and Economics Day**

**Crime and Unemployment:An Examination of the Interplay Between Reported Crimes and Unemployment in National Populous Regions**  
9:30 – 10:00 am: Rm 114, Williams Hall  
Presiding: Dr. Sase Singh  
Presenter: Nicole Matyas

**Soft skills needed to successfully navigate interviews**  
10:00 – 11:00 am: Rm 114, Williams Hall  
Presiding: Dr. Paulette Edmonds  
Presenter: Rafael Bones

**Location-based Marketing: Cool or Creepy**  
11:00 – 11:30 am: Rm 114, Williams Hall  
Presiding: Dr. Paulette Edmonds  
Presenter: Sydney Hill

**Entrepreneurial Business and Franchising**  
11:30 – 12 noon: Rm 114, Williams Hall  
Presiding: Dr. Kungpo Tao  
Presenter: Shirley Parker

**Who to target: 18 – 34 year olds or Baby Boomers**  
1:00 – 1:30 pm: Rm 114, Williams Hall  
Presiding: Dr. Paulette Edmonds  
Presenter: Joann Burgess and Christopher Tilley

**Marketing Strategies Used to Influence College Choice**  
1:30 – 2:00 pm: Rm 114, Williams Hall  
Presiding: Dr. Paulette Edmonds  
Presenter: Jalyn Brown and Noah Tuttle

**Strategic Marketing for ECSU's Emergency Management Program**  
2:00 - 2:30 pm: Rm 114, Williams Hall  
Presiding: Dr. Paulette Edmonds  
Presenter: Solomon Radcliff

**MARS (Mobil Auto Repair Service) – Using IT to Create Value Added Services in Elizabeth City**  
2:30 – 3:00 pm: Rm 114, Williams Hall  
Presiding: Dr. Sase Singh  
Presenter: McWilliams Cordero, Steffanie Tanner, Joann Burgess, Alexis Haley, Jerisa Oatis

**WEDNESDAY APRIL 11, 2018**

Special Guest Speaker  
IGNITE: Next Generation of New Teachers and the E.V.Wilkins Endowed Chair Series

**Brown Bag Discussion on Current Issues in Education**  
11:30-1:15 pm: Rm 106, Gilchrist Complex  
Presenter: Dr. Lisa D. Delpit

**Harnessing the Power of Scholarly Dialogue The Stories We Tell: Transforming Narratives about “Other People’s Children”**  
3:30 – 5:00 pm: KE White Graduate Center  
Presiding: Dr. Gwendolyn Williams  
Presenter: Dr. Lisa D. Delpit, Felton G. Clark  
Distinguished Professor of Education at Southern University (Author of “Multiplication Is for White People: Raising Expectations for Other People’s Children”)

**WEDNESDAY APRIL 11, 2018**  
**Kinesiology and Public Health Day**

**Welcome and Introductions**  
2:00- 2:15 pm; Rm 102, Pharmacy Complex  
Presenter: Dr. Lloyd Mitchell

**Current research in Kinesiology**  
2:15 – 3:45 pm: Rm 102, Pharmacy Complex  
Presenter: Dr. Jennifer Brown

**Student Oral Presentations**  
4:00 – 4:45 pm: Rm 102, Pharmacy Complex  
Presiding: Dr. Lloyd Mitchell

Anthrax infected Carcass Disposal: A New Proposal-  
Juan Pablo Fabian

Indoor Vs. Outdoor Track Performance In Alabama -  
Trevian Long

Using The USFDA Website As A Research Tool -  
Erica Aachampeoa

NASCAR and ECSU: Partners in Homeland Security -  
Joel G. Santiago

**Faculty and Students Feature Presentations**

**Reception and Research Update in Public Health**  
4:45 – 5:15 pm: Rm 102, Pharmacy Complex  
Presiding: Dr. Lloyd Mitchell and the Kinesiology Program

**Pulse Wave Analysis of HbA1C Categorized Prediabetes, Type 2 Diabetes and Normo-Glycemic Populations:A Pilot Study**  
5:20 – 5:40 pm: Rm 102, Pharmacy Complex  
Presenter: Dr. Jennifer Brown

**Real Time Real Event Counter-terrorism Support and Disaster Response Training Results From The Working Together For A Safer Tomorrow Program**  
5:40 – 6:00 pm: Rm 102, Pharmacy Complex  
Presenter: Dr. Lloyd Mitchell

**A Site Visit Review:The Role of the Centers for Disease Control In Preventing Highly Contagious Diseases From Entering the United States via Incoming Passengers on International Flights**  
6:00 – 6:20 pm: Rm 102, Pharmacy Complex  
Presenters: Joel G Santiago and Brandon A Sparrow

**Does Recycling Benefit The Earth? The Answer May Not Surprise You. Or Will It?**  
6:20 – 6:40 pm: Rm 102, Pharmacy Complex  
Presenter: Deja Roberts

**Air, Rail, Ground, and Water Transportation Systems: A Health Policy Review**  
6:40 – 7:00 pm: Rm 102, Pharmacy Complex  
Presenter: Brandon A Sparrow  
**The Future of Public Health and Marijuana in North Carolina:What Initial Data And Reviews From Marijuana Legal States Indicates: Community Health Forum**  
7:00 – 7:30 pm: Rm 102, Pharmacy Complex  
Presiding: Dr. Lloyd Mitchell  
Presenters: PHS 210 Students

**Closing Reception and Movie (Elephant by Gus Van Sant)**

**THURSDAY APRIL 12, 2018**  
**Fine Arts and Humanities Day**

**Student interactive Events - Audio, visual, and textual events designed to re-imagine and rewrite a space**  
All day: Johnson Hall  
Presiding: Dr. Adam McKee and Dr. James Goar  
Presenters: ECSU students and the community

**Cross-National Analysis of Religious Affiliations of Societies & Social Inequality**  
12:30 – 1:50 pm: Rm 307, Gilchrist Complex  
Presiding: Dr. Shyamal Das  
Presenters: Nyechia Hall; Mia Jackson; Vera Riddick; Chastity Roulac; and Gereimza Thomasson

**Decoding the Archives:Telling the Story of ECSU through the John Henry Bias Papers – A Forum**  
2:00 – 3:20 pm: Rm 138, Lane Hall  
Presiding: Dr. Melissa Stuckey  
Presenters: Breonna Rozier, Nikolaus Epp, Tyler Cline  
(Join the panel for a group photograph in front of the Principal’s House after the forum)

**Faculty Presentations**  
2:00 – 3:30: Rm 138, Johnson Hall  
Presiding: Dr. Amber Stamper  
Presenters: Dr. Jose Gil; Dr. Walter Iriarte; Dr. Michael Jasper; Dr. Kenneth E. Jones