
OPEN SESSION**FOR INFORMATION ONLY**

(No formal action is requested at this time)

1. Coastal Resilience Center and ADCIRC
Rick Luettich, Professor & Director of the Institute for Marine Sciences
Gavin Smith, Director of the Coastal Resilience Center
2. Public Affairs Update
Clayton Somers, Vice Chancellor for Public Affairs & Secretary of the University
3. Communications Update
Beth Keith, Associate Vice Chancellor for Communications

*Some of the business to be conducted is authorized by the N.C. Open Meetings Law to be conducted in closed session.

Important Dates for the Committee:

New Student Convocation – Sunday, August 19, 2018

University Day – Friday, October 12, 2018

Winter Commencement - Sunday, December 16, 2018

Spring Commencement – Sunday, May 12, 2019

COMMITTEE MEMBERS

Richard Stevens, Chair

Ed McMahan, Vice Chair

Chuck Duckett

Allie Ray McCullen

Bill Keyes

Savannah Putnam

Administrative Liaisons:

Joel Curran, Vice Chancellor for Communications

David Routh, Vice Chancellor for University Development

UNC Center for Natural Hazards Resilience

Mission: To promote research, training and engagement at UNC in the multidisciplinary aspects of resilience* to natural hazards

Dr. Rick Luettich, Director

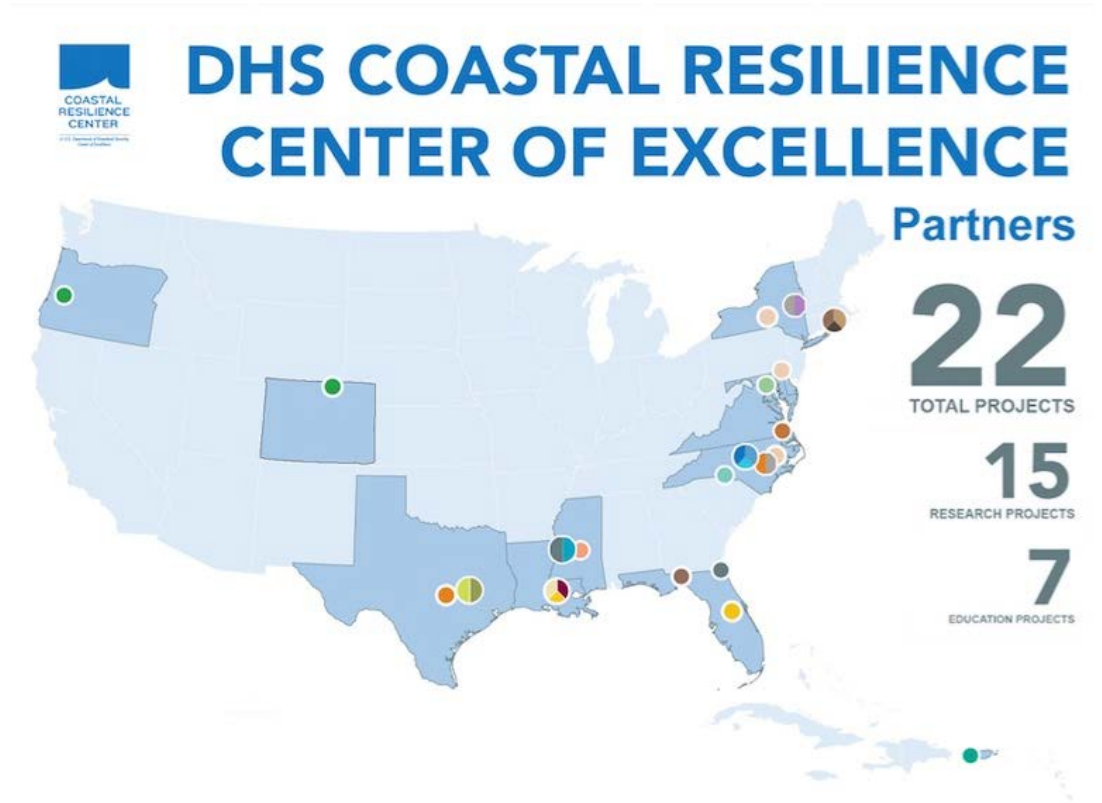
**resilience = avoiding disruptions and recovering efficiently*

Department of Homeland Security Centers of Excellence at UNC

- 2008 - UNC Awarded 5 year, \$10M Center of Excellence grant from U.S. Department of Homeland Security in Coastal Hazards
- 2015 – UNC Awarded 5 year, \$20M Center of Excellence grant from U.S. Department of Homeland Security in Coastal Resilience

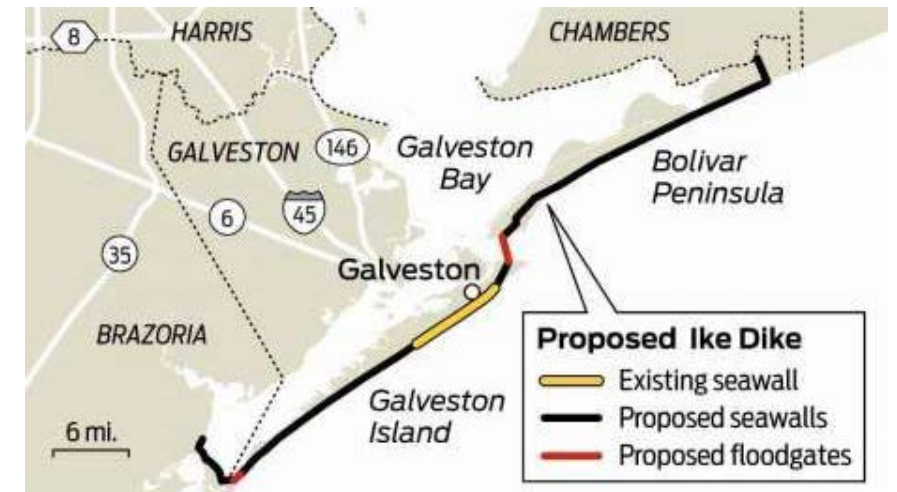
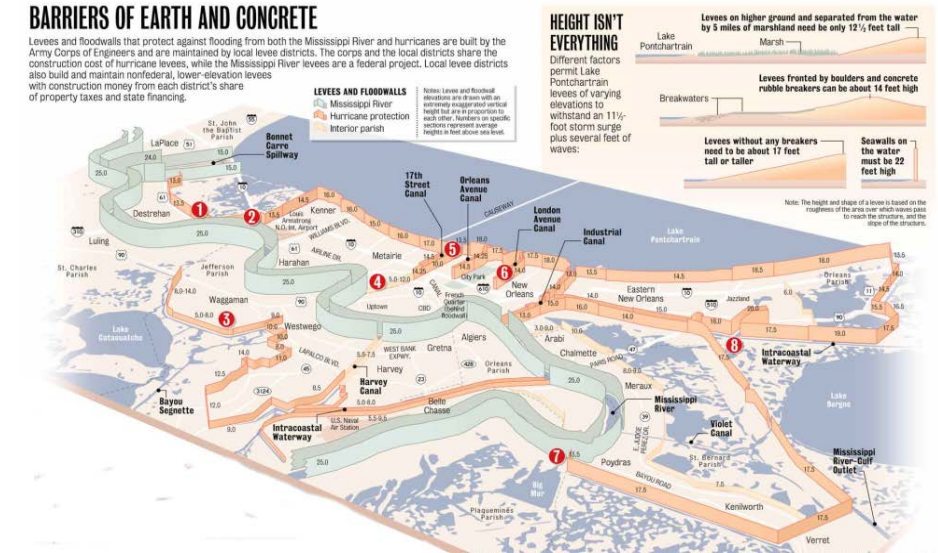
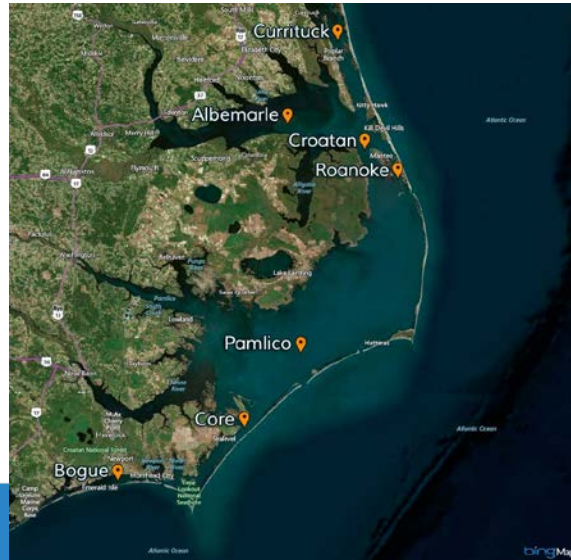
Coastal Resilience Center of Excellence Themes

- **Disaster Dynamics:** Predicting coastal flood hazards
- **Coastal Infrastructure:** Designing structures to withstand surge and flooding
- **Communities:** Helping coastal communities through better planning and recovery
- **Education:** Interdisciplinary teaching with emphasis on minority populations - four education partners are Minority Serving Institutions.



Disaster Dynamics: ADCIRC storm surge modeling

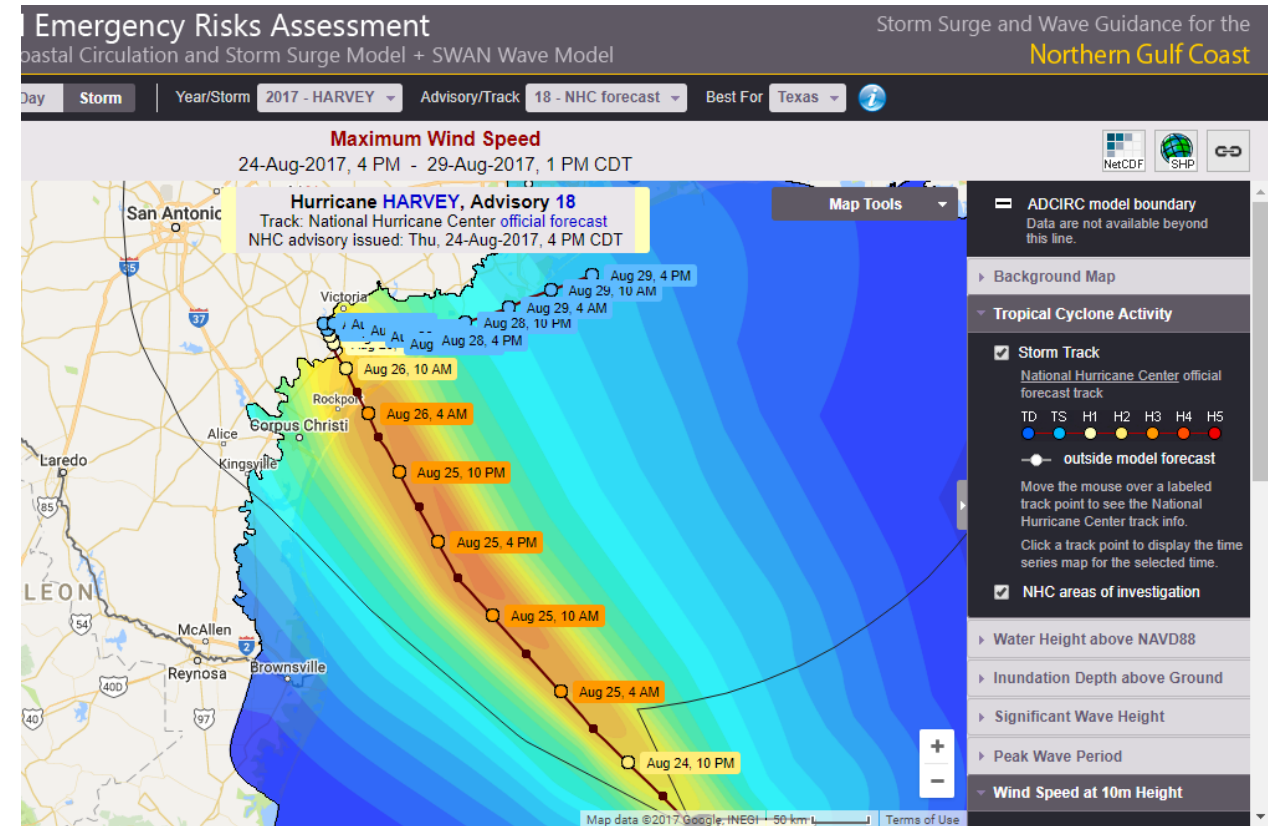
- ADCIRC coastal circulation computer model co-developed over 25 years at UNC
- Used for numerous science studies from fish movement to flooding
- Used for design (New Orleans levees, “Ike dike”)
- Used for hazard assessment (FEMA flood maps & NRC nuclear power plants)
- Daily runs at RENCI used by US Coast Guard for search and rescue in Pamlico & Albemarle Sounds



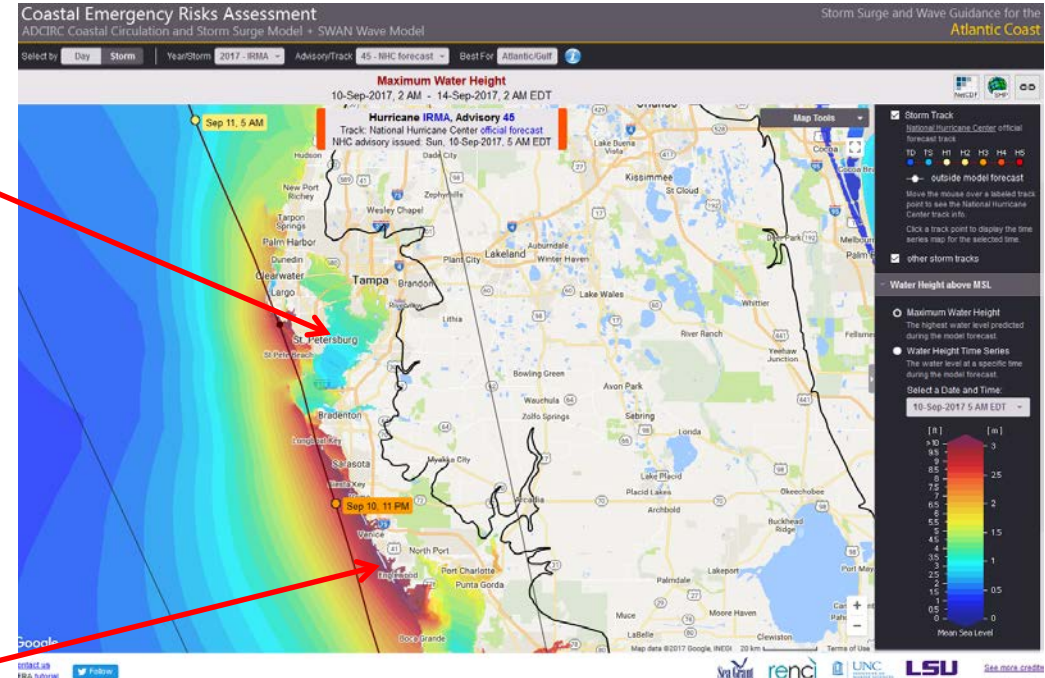
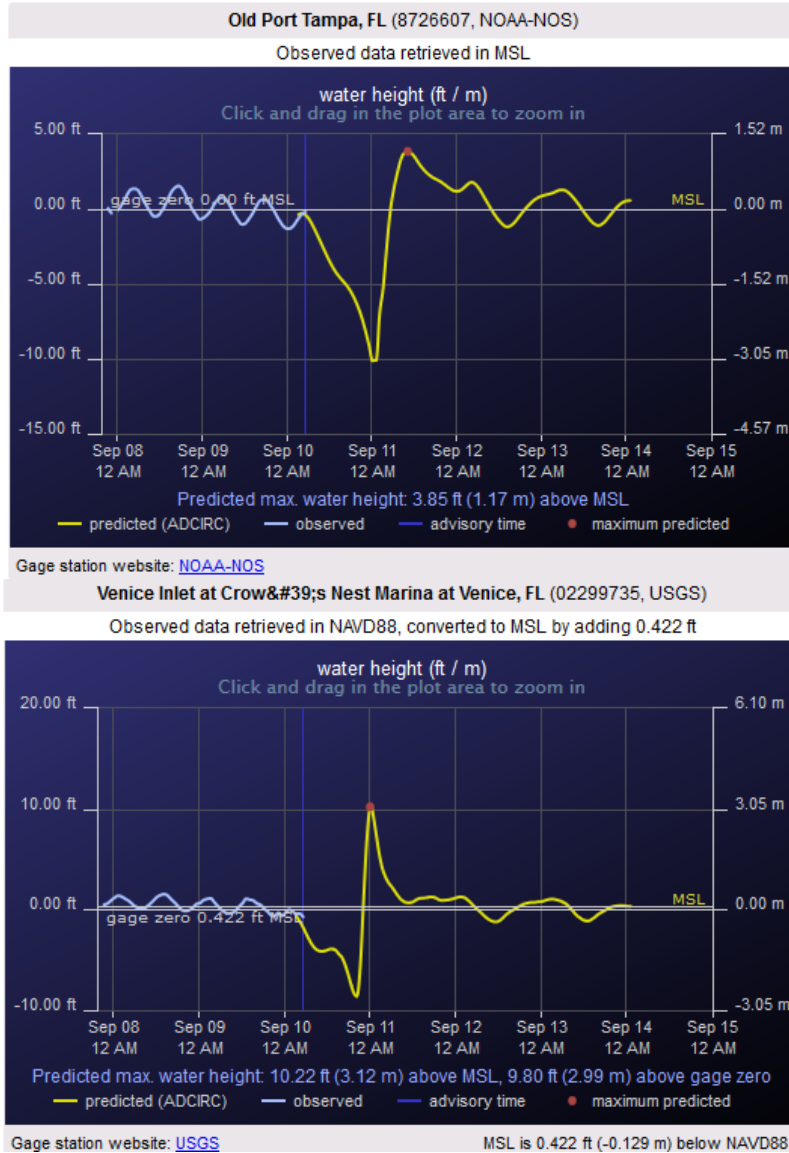
Disaster Dynamics: ADCIRC storm surge modeling

Event forecasts for hurricanes used by:

- Texas Emergency Ops Center during Hurricane Harvey (2017) for pre- and post-storm response
- US Coast Guard to position critical recovery assets during hurricanes Irma and Maria (2017)
- NC Emergency Management for situational awareness during Hurricane Matthew (2016)



ADCIRC storm surge modeling – Hurricane Irma 2017)



Public website had 97,000 page views on Sept. 9, 2017!

Communities: Hurricane Matthew (2016) Recovery

- Resilience Center's Dr. Gavin Smith leading recovery project in six eastern NC towns hit by Hurricane Matthew: Fair Bluff, Seven Springs, Kinston, Princeville, Windsor and Lumberton
- Collaboration with faculty, students at multiple UNC departments, NC State, NC Emergency Management, FEMA, as well as town and county officials
- Key event: Princeville Community Design Workshop in Aug. 2017 – 100s of residents attended
- Products to date include:
 - Proposed design standards for rebuilt/retrofitted homes in each of the six communities.
 - Flood retrofit studies of downtown Fair Bluff, Windsor and Seven Springs (under review)
 - Land suitability analysis (potential relocation areas within each community) and additional analysis for policies and projects to build more resilient communities and neighborhoods toward future threats (under review)

Education

Graduate Certificate in Natural Hazards Resilience

- Planning for Natural Hazards and Climate Change Adaptation
- Survey of Natural Hazards and Disasters
- Natural Hazards Resilience Speaker Series
- Elective
- Enrollment: 2015 - 4 students, 2016 - 9 students, 2017 - 8 students



ADCIRC Video

- Produced by UNC J-School and Resilience Center
- Explains ADCIRC computer modeling to a wide audience



Media outreach and success

During the 2017 hurricane season, CRC experts were quoted in more than 70 publications, including:

theguardian

LA NACION

wunc

NORTH CAROLINA PUBLIC RADIO® 91.5

KPCC
www.kpcc.org



MSNBC

AP

THE NEWS & OBSERVER

BBC
WORLD
NEWS

The New York Times

CBS NEWS



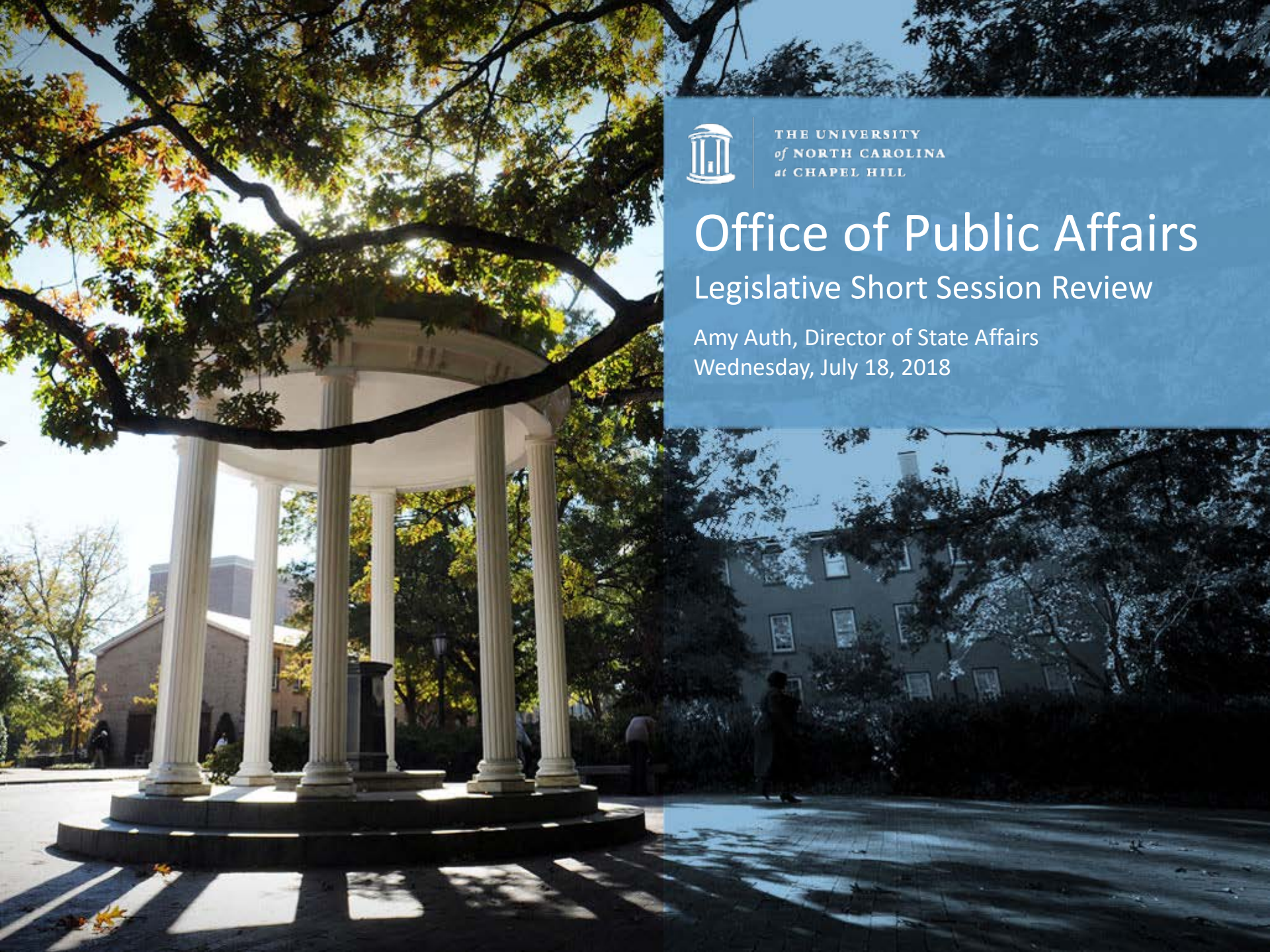
THE UNIVERSITY
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Office of Public Affairs

Legislative Short Session Review

Amy Auth, Director of State Affairs

Wednesday, July 18, 2018



2018 Short Session Overview

- Convened on May 16, 2018
- **Primary purpose: adjustments to the FY 2018-19 budget**
- Policy changes related to K-12 teacher pay, school safety, GenX mitigation, transportation projects, prison reform, opioid prevention, election changes, regulatory reform, a farm act, local bills
- Six Constitutional Amendments to be on November ballot



Budget Session Law – UNC System

- Appropriation to UNC System: \$3.028B out of \$23.9B overall
- Enrollment growth fully funded
- \$7M management flex cut across system (unchanged from last year, with \$0 cut in FY 17-18)
- \$2.5M supplies cut at NC State, UNC-G, UNC-C, NC A&T, ECU
- \$32M for UNC System Repair & Renovation
- \$20M for salary increases for EHRA and SHRA employees
- Minimum salary for all state employees raised to \$31.2K
 - 533 UNC-Chapel Hill employees to benefit
- Faculty Recruitment & Retention raised to \$14M in FY 18-19



Budget Session Law – UNC-Chapel Hill

Net Appropriation to UNC-Chapel Hill:

- Academic Affairs: \$610M (less receipts) - \$258M
- Health Affairs: \$317M (less receipts) - \$201M
- AHEC: \$53.6M



Budget Session Law – UNC-Chapel Hill

Convergent Sciences Building

- Part of \$3M allocated to Board of Governors to conduct STEM planning study (also ECU School of Medicine)

Law School

- \$500K recurring cut restored
- \$465K recurring for the Carolina Institute of Law and Entrepreneurship

Journalism School

- \$75K NR for five year program for annual photojournalism workshop and community outreach



Budget Session Law – UNC-Chapel Hill

North Carolina Policy Collaboratory

- \$5.013M NR for help addressing GenX water contamination in Southeast NC
- Collection analysis to establish statistical baseline at every municipal surface water intake
- Quarterly reports begin in October to NCGA, DEQ, DHHS
- \$1M NR to create an updated quantitative model of Jordan Lake, Haw River subbasin of the Cape Fear River

Institute of Marine Sciences

- \$125K NR for the North Carolina ferry-based water quality monitoring program



Budget Policy Provisions

Rams Club donations to remain exempt from sales tax

SB 335, Budget Technical Corrections & Study

- Creates an interim commission to study fair treatment of college student-athletes
- Deadlines in place to keep proposed light rail project connecting Chapel Hill to Durham moving forward



Adjournment

- Adjourned until **November 27, 2018**
- Long Session will likely begin in mid-January 2019



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