



# Education & Service Updates



# Agenda



- 5:00 – 5:05 Overview of Strategic Plan - Jennifer Wu, MD, MPH
- 5:05 – 5:10 Education Priorities - Jennifer Wu, MD, MPH
- 5:10 – 5:15 Service Priorities - Cam Enarson, MD
- 5:15 – 5:35 Q&A session
- Service – Cam Enarson, MD
  - Graduate Student Education – Jean Cook, PhD
  - Allied Health Education – Stephen Hooper, PhD
  - Medical Student Education – Beat Steiner, MD
- 5:35 – 5:55 Additional Q&A

# Education Panel



**Jennifer Wu, MD, MPH**  
Interim Vice Dean for  
Academic Affairs,  
Professor, Department of  
Obstetrics & Gynecology



**Jean Cook, PhD**  
Associate Dean for  
Graduate Education,  
Professor, Department  
of Biochemistry and  
Biophysics



**Stephen Hooper, PhD**  
Associate Dean and  
Chair, Department of  
Allied Health Sciences  
Professor, Department  
of Psychiatry



**Beat Steiner, MD, MPH**  
Senior Associate Dean for  
Medical Student Education  
Professor, Department of  
Family Medicine

# Service Panel



**Cam Enarson, MD, MBA**

Vice Dean for Strategic Initiatives  
Professor, Department of  
Anesthesiology



**Meredith Bazemore, MPA**

Director, UNC Rural, UNC-Chapel Hill  
Director, Office of Rural Initiatives  
UNC School of Medicine



**Martha Carolough, MD, MPH**

Director, Office of Global Health  
Education



# What is *Forward Together*?



# Forward Together



- *Forward Together* is our UNC School of Medicine's Strategic Plan
  - 2018: faculty, staff and learners worked with Dean's office to create this strategic plan through surveys, interviews & working groups
  - Intended to guide us for 5 years (2019 - 2024)
  - Ultimate goal to be the nation's leading public school of medicine



# The Strategic Plan is comprised of six imperatives:



# Forward Together



- *Forward Together* faculty sessions:
  - Research - May 7
  - Faculty - May 26
  - Diversity - June 8
  - Education & Service - June 23
  - Clinical (UNC Health strategic plan) - June 29, 5-6p

<https://www.med.unc.edu/intranet/forward-together-faculty/>





**Learn More**

**[www.med.unc.edu/strategicplan](http://www.med.unc.edu/strategicplan)**



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# Forward Together: Education



# Educational Imperatives



1. Ensure the SOM is training professionals for health care of the future, in collaboration with the health care system
2. Optimize MD curriculum and its delivery to ensure engaged and prepared learners
3. Invest to maintain excellence in education mission, building infrastructure necessary to deliver cutting-edge curriculum



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# Forward Together: Service to State and World





# Service Imperatives



1. Engage across the state to produce the workforce needed in North Carolina and beyond
2. Focus service to rural North Carolina
3. Translate research into professional, commercial and societal uses for the citizens of North Carolina
4. Strengthen our global citizenship by thoughtfully expanding our clinical, research, and educational outreach



# Question & Answer



# Office of Rural Initiatives (ORI)

- Who, What, Why?
- What programs support the mission of ORI and SOM?
- Is it working?
- How can faculty get engaged?





## WHO WE ARE and WHAT WE DO:



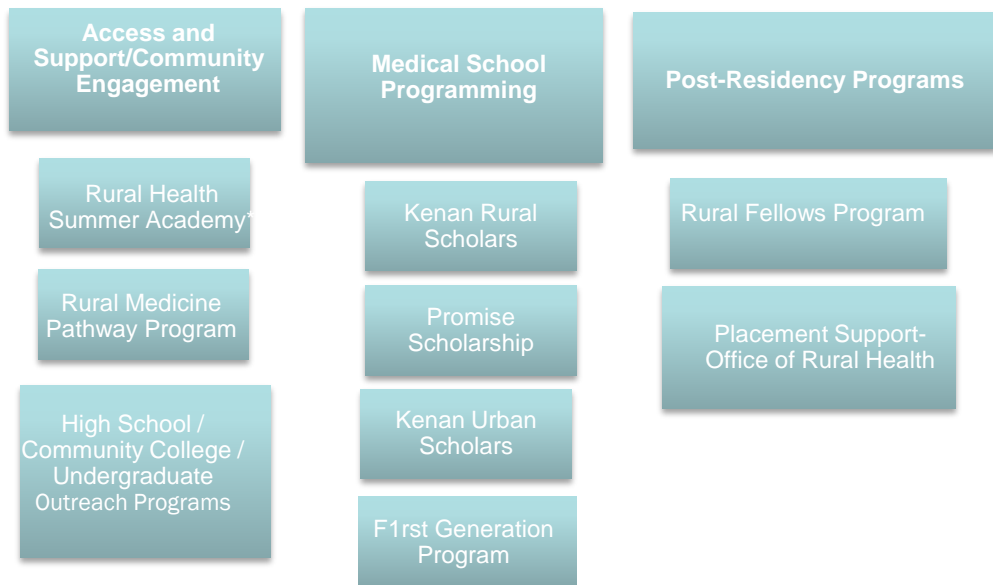
The Office of Rural Initiatives (ORI) exists to address the health care disparities in rural North Carolina through the recruitment and retaining of a diverse primary care provider workforce to meet the unique needs of our rural and underserved communities. (<https://www.med.unc.edu/inclusion/ori/>)

**Meredith Bazemore**  
Director

**Caroline Roberts**  
Faculty Champion

**Kewana Smith**  
Program Coordinator

## HOW WE DO IT (in partnership):



### \*Exciting Initiatives\*

- Spanish Curriculum & POCUS longitudinal curriculum
- Statewide fellowship collaborative with MAHEC with plans to extend east
- Extension of learning placements for students interested in rural practice in connection with CBLC
- Work with UNCW/SEAHEC on pipelines specific to SENC as part of Novant partnership

### Is it working?

#### RMPP: 38 Total Scholars

**19 graduates as of 2021**

**4 admitted to SOM** (1 ECU, 3 UNC); **4 applying** to UNC SOM 2022; **1 MPH UNC** (applying MD after); 1 Speech/Path @ UNC; 1 Dental @ ECU

#### Kenan Rural Primary Care Scholars

**73 Total Scholars (2013-2021)**

**43 Graduates** as of 2021 - **35 of 43 matched into Primary Care (81%)**

**22 of 35 matched into NC residencies (57%)**

20 FM, 5 OB/GYN, 4 Psych, 2 Gen Surg, 1 Peds, 2 IM, 1 Med-Peds\*

#### Practice - Kenan Scholars who have completed residency

**5 NC and 1 out of state** - NC all rural and Primary Care (FM, OB, Psych)

**Fellowships** - 1 surgical OB (Illinois) 1 Int'l Medicine (Kansas)

**4 have signed for 2021-** 3 NC (2 rural, 1 Guilford Co.) 1 rural VA

**Promise Scholars (non-Kenan)** – 40/75 Promise Scholars have not been Kenan; 15 have completed residency; **11 have signed contracts in NC.** 4 still waiting to confirm via contact on placement/fellowship.

**20 total PC providers back to NC across 2020/2021**



# Service: World

- How can we build and expand on what we learned?
- Were able to offer in global health education despite the COVID epidemic?





- OGHE funding for COVID related work
  - Faculty/student partnered scholarships to support COVID specific research and service projects
  - Included: COVID research in Nicaragua and Tanzania and US based work with Latinx adolescents and migrant farmworkers
- Remote research opportunities
  - 38K of funding for remote research opportunities, including focus on partnership sites in Zambia, Nicaragua, and Malawi
- Redesign of on-line “Foundations in Global Health” summer course
  - Including tropical medicine training from WVU, career interviews with key UNC faculty involved in global health, and international students from partnership sites learning alongside our UNC med students
- Robust involvement of faculty and mentors with our SCP medical students and resident GH Scholars – longitudinal, deep dive investment



# Education: Graduate School

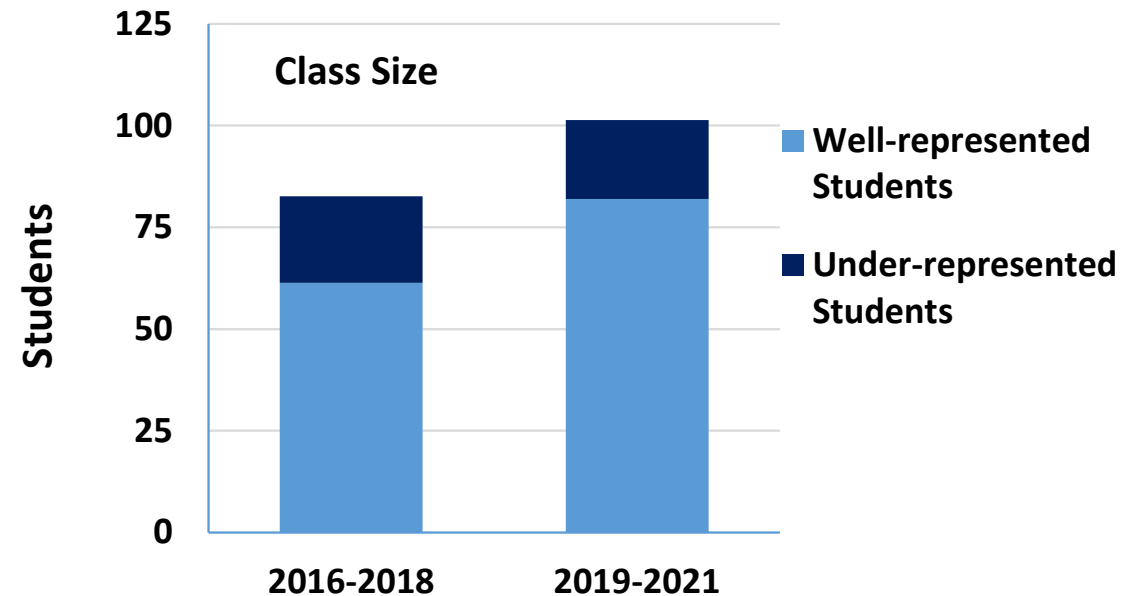
Why did we need to increase the class size and stipend?



# Graduate School



- UNC SOM success with research funding (NIH, NSF, private)
- Competitive programs
  - 2016-2018: 1322 applications/year
  - 2019-2021: 1754 applications/year
- Importance of diversity in the biomedical workforce



Biological and Biomedical Sciences:  
UNC Chapel Hill ranked

- 2<sup>nd</sup> - PhD completion by African-American scholars
- 19<sup>th</sup> - total minority PhD completion

*Diverse Issues in Higher Education, Dec 2020*



# Graduate School



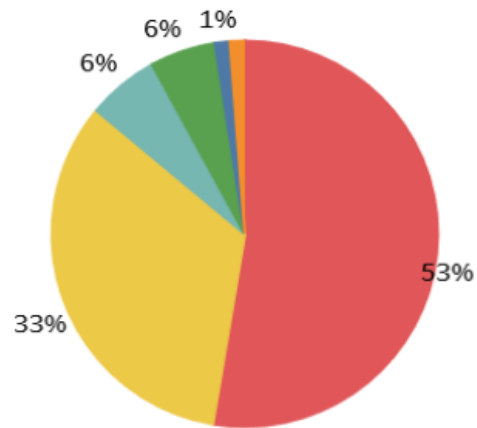
- Supporting student success
  - Overall retention 92.5%
  - Average completion time 5.5 years (nat'l 6.9 years)
  - Tracking career outcomes

Graduation Year Filter

2000

2019

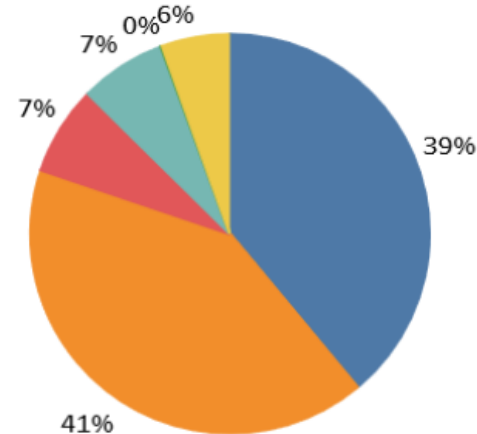
Career Type



2019 Census Career Type

- Primarily Research
- Science-related
- Primarily Teaching
- Unknown
- Further Training
- Not Related to Science

Job Sector



2019 Census Sector

- Academia
- For-Profit
- Government
- Nonprofit
- Other
- Unknown

<https://bbsp.unc.edu/professional-development/career-outcomes/>

# Education: Allied Health

What disciplines fall under the Department of Allied Health Sciences (DAHS)?





## Department of Allied Health Sciences Divisions

Clinical  
Laboratory  
Science  
BS  
MRS

Clinical  
Rehabilitation  
and Mental  
Health  
Counseling  
MS #9

Occupational  
Science and  
Occupational  
Therapy  
MS #10  
PhD

Physician  
Assistant  
Studies  
MS

Physical Therapy  
DPT #9  
HMSC (PhD) #5

Radiologic  
Science  
BS  
MS  
Certificate

Speech & Hearing  
Sciences  
UG Minor  
MS #8  
PhD  
AUD #5

<p><b>7</b> Master Degree Programs</p>	<p><b>3/1</b> Bachelor Degree Programs/1 Minor</p>	<p><b>85</b> Full-Time Faculty (~25 adjuncts)</p>	<p><b>DAHS</b> <i>Metrics That Matter</i> Teaching Research Service</p>		
<p><b>4%</b> International</p>	<p><b>1</b> Professional Certificate</p>	<p><b>24</b> Staff Members</p>	<p><b>\$16M</b> Research</p>		
<p><b>22%</b> 80% Female 25% First Gen 22% Minority (16%-26%)</p>	<p><b>~475</b> Enrolled Students 82% from NC 76% Work in NC</p>	<p><b>5</b> Doctoral Programs</p>			
		<p><b>5</b> Sites ~\$2.6M</p>	<p><b>12</b> Service Contracts</p>	<p><b>4</b> State T/A</p>	



# Workforce Development & Student Success



- **Goal 1: Prepare future leaders in health sciences**
  - Obj. 1: Prepare students for future healthcare roles through innovative course and curriculum changes including inter-professional education, telehealth, and distance learning.
  - Obj. 2: Prepare students to serve in underserved and rural areas through course work, clinical rotations, and community service.
  - Obj. 3: Provide the resources needed to attract talented students and help students address financial management, work-life balance, and mental health issues.
- **Goal 2: Serve the state by sharing faculty and student expertise**
  - Obj. 1: Use innovative methods/technology to deliver CE that improves the skills of the workforce.
  - Obj. 2: Expand evidence-based clinical services to increase geographic reach and address emerging healthcare needs.
  - Obj. 3: Identify unmet needs in the university/state/country and develop new programs or degrees.
- **Goal 3: Promote diversity, inclusion, & equity**
  - Obj. 1: Encourage and fund research that addresses issues of DEI among faculty and students.
  - Obj. 2: Develop strategies to recruit students from diverse backgrounds to mirror state population.
  - Obj. 3: Recruit, hire, and mentor faculty from diverse populations.
  - Obj. 4: Optimize curricula and its delivery pertaining to social justice across all disciplines.

# Education: Medical Students

What are we doing to train medical students for the health care of the future?





- **Enhance** clinical skills with ultrasound
  - focus on core skills
- **Enhance** Foundational Phase education
  - Master adaptive learning model in small groups that foster belonging
- **Enhance** teaching capacity for clinical education
  - Novant campuses, Rex, PN practices, other UNC Health sites
- **Enhance** faculty development
  - Focus on social justice and Diversity Equity and Inclusion
- **Enhance** diversity of our workforce
  - Focus on pathway programs, admissions, faculty recruitment and retention



# Continue Q&A session



# Faculty Update Sessions

Strategic Imperative(s)

Date and Time

Clinical (UNC Health Strategic Plan)

Tuesday, June 29, 5:00 – 6:00 pm





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