AGENDA
Health Sciences Committee
April 22, 2021

I. Approval of Minutes – February 11, 2021

II. Review of Operational Metrics

III. Informational Items
   A. Health Sciences Division Update – Dr. Mark Stacy
   B. Agromedicine Update – Dr. Robin Tutor
   C. Agromedicine/Family Nurse Practitioner Student Remarks – Ms. Kelsey Booth

IV. Closed Session
Health Sciences Committee
April 22, 2021

Agenda Item: I. Approval of Minutes – February 11, 2021

Responsible Person: Tom Furr
Committee Chair

Action Requested: Action

Notes:
Call to Order and Approval of Minutes:
Mr. Furr called the meeting to order at approximately 2:30 pm and read the conflict of interest statement required by the State Government Ethics Act. No conflicts were identified. The minutes of November 5, 2020 were approved.

Health Sciences Division Update:
Dr. Mark Stacy reviewed the Health Sciences Division metrics. ECU Physicians missed financial targets; however, overall volumes and gross charges continue to improve. The UPL payment, budgeted to be received in Dec. was received in Jan. and resulted in a $2.5M reduction in expected revenue. Outpatient visits are up FYTD 1.5% and revenue continues to improve. Personnel expenses are 6% lower than budget and behind prior
year actuals by 1%. The number of scholarly publications continues to rise with YTD totals well above target.

**COVID Vaccine Update:**
Dr. Mark Stacy updated the committee on COVID-19 related activities of the Brody School of Medicine. The funds invested by the state have been fully expended. Dr. Pete Schmidt is studying the spread of COVID cases in partnership with the Dartmouth Atlas team. NC’s highest at-risk population is in the east. Our mission, regarding the health of our region, means we focus on the health of some of America’s highest-risk populations. ECU is a leader in convalescent plasma transfusions and monoclonal antibody trials and has received multiple secondary grants for research and treatment advances. Our faculty have demonstrated that we have both the will and the expertise to effectively shepherd valuable resources and deliver outcomes that benefit the people of ENC and the state. Vans were purchased with CARES funding for the purpose of providing health related services to remote and underserved populations. The Brody School of Medicine is partnering with public health departments to administer COVID vaccine to residents of group homes and long-term care facilities.

Dr. Jason Foltz, Medical Director of ECU Physicians, updated the committee on the status of vaccine administration in North Carolina. He reviewed the work of ECU Physicians and Student Health Services to establish a process and timeline for vaccine delivery to ECU faculty, staff and students. Over 2,500 first dose and nearly 1000 second dose vaccinations have been administered. No doses have been wasted.

**Medical & Health Sciences Foundation Update:**
Dr. Herbert Garrison, Interim President of the Medical & Health Sciences Foundation (M&HSF), presented an update on the work and efforts the M&HSF have been doing during this pandemic. Some of the challenges they have faced besides the pandemic were moving into a new building, staff with new supervisors, an economic crisis, social tension and the election. Learning to adapt and thrive during this time of no face-to-face meetings made them strive to have impactful conversations to build connections and relationships with new donors and portfolios. They established new lines of donors with the College of Nursing 60th year celebration & Legacy Launch, created new professorships, and held a Planned Giving Seminar. Their YTD performance is 26% higher than the previous year. Dr. Garrison’s future plans include to increase impactful conversations, clarify/promote compelling causes, have continuous portfolio review, and continue engagement with Planned Giving and External Foundations.

**Public Health Student Remarks:**
Ms. Natalie Broder, Master of Public Health student, discussed her experiences as a student at ECU. She currently serves as the president of the ECU Public Health Organization and is a member of the Health Sciences Student Leadership Council. Natalie is also an NC AHEC Scholar in their 2nd cohort class. She chose ECU because
she wanted to eventually become a dentist and was drawn to the fact that ECU had just opened their School of Dental Medicine. Her driving purpose is to help the general population of ENC. Her Public Health professors have helped her with things such as understanding concepts at all levels at any time of day as they strive to make sure no student falls behind. Natalie feels that ECU is full of opportunities for all students.

Meeting adjourned at 3:20 pm.
Health Sciences Committee
April 22, 2021

Agenda Item: II. Review of Operational Metrics

Responsible Person: Dr. Mark Stacy
Vice Chancellor, Health Sciences Division
Dean, Brody School of Medicine

Action Requested: Information

Notes:
## CEO Tracking Sheet
### Fiscal Year - 2020
#### Health Sciences Committee

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*8 mos data

Inserts:
- **Budgeted Profit (Loss)**: $17,050
- **Total wRVUs**: 1,550,605
- **Patient Experience/Willingness to Refer**: 91%
- **Published Manuscripts**: 300*

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**Notes:**
- **Work Relative Value Units (wRVUs)** are used nationally to measure physician/provider work effort.
- **Patient survey question indicating patient’s willingness to recommend ECUP to others**.
- **Scholarly articles published in peer reviewed journals**: 300* (↑3.5%) 267 = 8 mos, 414 = (43.5%) 267 = 8 mos
Health Sciences Committee
April 22, 2021

Agenda Item: III. Informational Items

Responsible Person: Dr. Mark Stacy
Vice Chancellor, Health Sciences Division
Dean, Brody School of Medicine

Action Requested: Information

Notes: A. Health Sciences Division Update
Health Sciences Division Highlights

Match Day, Rankings & Enrollment
Class of 2021 Match Results

- **58%** entering primary care residencies
- **35%** remaining in North Carolina for residency
  - **22%** matched at Vidant Medical Center/BSOM East Carolina University

https://medicine.ecu.edu/data-analysis-strategy/residency-program-match-results/
Rankings
USNWR Rankings – HSD Graduate Schools

#13 in Nursing - Midwife

#15 in Rehabilitation Counseling

#19 Family Medicine

#28 Best Medical Schools Primary Care

#29 in Nursing - Anesthesia

#36 in Occupational Therapy

#46 in Audiology

#64 in Physician Assistant

#71 in Physical Therapy

#72 in Speech-Language Pathology

#123 in Public Health

#93-123 Best Medical Schools Research

Additional Medical School Rankings

#10 Most Graduate Practicing in Primary Care Fields

#13 Most Diverse Medical Schools

#16 Most Graduates Practicing in Medically Underserved Areas

#28 Most Graduates Practicing in Rural Areas
The Brody School of Medicine

**Total Applications**

- 2020 CYCLE: 1025
- 2021 CYCLE: 1209

**Offers Made by Gender**

- Male: 34
- Female: 53

**Class of 2025 Diversity**

- African American: 26
- American Indian: 2
- Asian: 11
- Hispanic: 10
- White: 37
## College of Allied Health Sciences – Department of Physical Therapy

### Profiles for Incoming Class of 2021 & Entered Class of 2020, Physical Therapy

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<td>251 Applications</td>
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<td>97 Interviewed</td>
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<td>32 Enrolled as of March 29</td>
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# College of Nursing

## Application & Enrollment

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School of Dental Medicine
Profiles for the Classes of 2024 and 2025

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<td>226 Interviewed</td>
<td>198 Interviewed</td>
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<td>52 Students Admitted</td>
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<th>Ethnicity of Admitted Students</th>
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38% URM 31% URM

30 NC Home Counties 28 NC Home Counties

All SoDM Students are from North Carolina!

Mr. Phuquain Morales
President of Class of 2024
Achieving Student Diversity
School of Dental Medicine

Class Entry Year

- NC URM Benchmark
- URM: SoDM Students
- National URM Student Enrollment
- NC URM Practicing Dentists

Yearly Enrollment Percentages:
- 2011: 8%
- 2012: 12%
- 2013: 23%
- 2014: 28%
- 2015: 25%
- 2016: 26%
- 2017: 37%
- 2018: 25%
- 2019: 23%
- 2020: 31%
- 2021: 38%
COVID-19
COVID-19 One Year Update

**April 2020**
- NC COVID Cases: 1,584
- NC COVID Deaths: 10
- Pitt County Cases: 31

- Vaccine development just beginning.

**April 2021**
- NC COVID Cases: 929,406
- NC COVID Deaths: 12,212
- Pitt County Cases: 18,436

- 40% of NC’s adult population is at least partially vaccinated.
- ECUP has administered 6509 doses

*Source: NCDHHS COVID19 Dashboard  http://www.covid19.ncdhhs.gov*
COVID-19 One Year Update

April 2020

- ECU-P clinic visits decreased.
- Patients hesitant to seek care.
- Virtual care models developing.

April 2021

- ECU-P Telehealth visits conducted: 52,692
- Telepsychiatry (NC-STEPI) expanded
- MOTHers Project for high-risk pregnancies
COVID-19 One Year Update

**April 2020**
- Faculty & Staff made significant modifications to instructional methods
- Statewide “stay at home” order was expected to be in place for a month
- Employees were instructed to telework
- Virtual graduation ceremony

**April 2021**
- Planning for return to “normal” clinical and laboratory experiences for students
- Slow return of employees as appropriate
- HSD students to participate with in-person graduation ceremony May 7th
Health Sciences Committee  
April 22, 2021

Agenda Item: III. Informational Items

Responsible Person: Dr. Robin Tutor  
Director, Agromedicine Extension Specialist

Action Requested: Information

Notes: B. Agromedicine Update
HOW DO WE HELP FARMERS DEAL WITH STRESS?

R. Webb Corbett, PhD, FNP-C, M. A. Rose, EdD, M. L. Porles, PhD, LCSW, & R. Tutor-Marcom, EdD

BACKGROUND/PURPOSE

- Chronic Stress experienced by farmers may be deleterious to their health
- Nurses & Health Care Providers - Need to know what constitutes stress for farmers & how to promote resiliency

Purpose:

Explore Perspectives of Farmers –
  - what they identify as stress/stressors
  - what health care professionals can do to assist them in addressing stressors

METHODOLOGY

Qualitative study - Farmers - interviewed at Southern Farm Show in North Carolina

Questions:
  - What things constituted stress for them,
  - What nurses & other health care professionals could do to help them?

Interviews - audio-recorded.
Data Analysis- Colaizzi’s method.

FINDINGS

Farmers - n=31

Stressors:
  - Having little control over many variables
  - “The only thing farmers control is what they put in the ground”
  - Time pressures
  - Elements outside their control:
    - Market prices & weather
    - Annoyance with the government
      - lack of support
      - paperwork requirements
      - low level of farm subsidies

FINDINGS

Nurses & Health Care Providers:

Listening attentively to “cues”
“Keep them healthy” – so they could work
“How to deal with lack of control”

DISCUSSION

Learning to increase exercise
Assess for stress & depression
Re-examine meals & snacks – healthy
Support group /Materials - chronic stress;
  - Farm meetings
  - Local community gatherings as rural fire departments, local service stations

Acknowledgments:
East Carolina University Agromedicine & Farming Families
5-Year Review

**Strengths**

Mission of the Institute fits well with missions of discovery, education & engagement of three partner universities.

Ability to build relationships with agricultural communities & efficiency in serving these individuals with a fraction of the financial support of other major agriculture, forestry and fishing centers in the US.

Platform for interdisciplinary research; Maintaining current activities of outreach, engagement and education can lay the groundwork for a more comprehensive interdisciplinary research program that will leverage the capacity of the three partner institutions.
Challenges

Develop a strategic vision

Establish the Institute’s identity

Build the infrastructure for the next phase.

5-Year Review
5-Year Review Recommendations

- Request core funding at the state level
- Conduct an economic analysis to estimate the value of the Institute in reducing health and safety costs to the people & economy of NC
- Leverage the success of the Institute to develop the research & engagement missions of the proposed School of Rural Public Health
Build the Infrastructure for the Next Phase

- Add a dedicated research coordinator, research faculty and programmatic personnel on each partner campus
- Add dedicated administrative support personnel
- Develop new partnerships on partner campuses, with private firms and additional institutes of higher learning
- Create additional appointments similar to the one held by Dr. Sinan Sousan
- Expand the partnership with NC Cooperative Extension
Robin Tutor Marcom, EdD, MPH
Director
252.744.1008
tutorr@ecu.edu
www.ncagromedicine.org
Health Sciences Committee
April 22, 2021

Agenda Item: III. Informational Items

Responsible Person: Ms. Kelsey Booth
Agromedicine/Family Nurse Practitioner Student
Agromedicine Institute

Action Requested: Information

Notes: C. Agromedicine Student Remarks
Health Sciences Committee
April 22, 2021

Agenda Item: IV. Closed Session

Responsible Person: Tom Furr
Committee Chair

Action Requested:

Notes: