



**East Carolina University | Board of Trustees
Health Sciences Committee Meeting
February 16, 2017 | Agenda**

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|------|--|-------------|
| I. | Approval of November 10, 2016 Minutes | Action |
| II. | Health Sciences Division - Dr. Nicholas Benson | Discussion |
| A. | Brody School of Medicine Dean Search Update – Dr. Sylvia Brown | |
| B. | Expansion of Brody Status – Dr. Libby Baxley | |
| III. | Closed Session | |
| IV. | Health Sciences Informational Updates | Information |
| A. | College of Allied Health Sciences | |
| B. | College of Nursing | |
| C. | School of Dental Medicine | |
| D. | Laupus Library | |
| E. | Brody School of Medicine | |

East Carolina University
Board of Trustees
Health Sciences
February 16, 2017

Session	Health Sciences
Responsible Person	Vern Davenport, Chair
Agenda Item	I.
Item Description	Approval of minutes – November 10, 2016
Comments	
Action Requested	Approval
Disposition	
Notes	

Health Sciences Committee – Open Session
ECU Board of Trustees
November 10, 2016
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Board Members Present:

Vern Davenport (Committee Chair)
Deborah Davis (Committee Vice Chair)
Edwin Clark (Committee Member)
Mark Copeland (Committee Member)
Max Joyner (Committee Member)
Danny Scott (Committee Member)
Ryan Beeson
Leigh Fanning
Steve Jones
Kel Normann
Bob Plybon
Kieran Shanahan
Terry Yeargan

Others Present:

Chancellor Staton	Rick Niswander
Libby Baxley	Mark Notestine
Nicholas Benson	Bob Orlikoff
Michelle Brooks	Donna Payne
Sylvia Brown	Mary Schulken
Gregory Chadwick	John Stiller
Steve Duncan	Michael Van Scott
Virginia Hardy	Gary Vanderpool
Phyllis Horns	Kathy Verbanac
Jim Hopf	Holly West
Brian Jowers	Amanda Williams
Kathryn Kennedy	Paul Zigas
Bill Koch	

Recorder: Cindy Reaves

Call to Order and Approval of Minutes:

Mr. Davenport called the meeting to order at 11:00 am and read the conflict of interest statement required by the State Government Ethics Act. No conflicts were identified. The minutes of September 29, 2016 were approved.

School of Dental Medicine Update on CSLCs:

Dr. Chadwick presented an update on the SoDM. The applications received for their program have continued to increase with 579 being received for the Class of 2021. Their student populations represents 74 NC counties. They continue to keep student debt low with the support of grants and scholarships as they feel it is key to the success of the SoDM. Through patient visits at Ross Hall and the 8 Community Service Learning Centers (CSLC), 98 NC counties are served. As of 10/31/16, 38,197 patients have been seen in Ross Hall, the 8 CSLCs & Hospital Dentistry. Each CSLC provides in excess of \$1M in economic impact per site. Students participate in numerous events to fulfill the mission through community service. The SoDM celebrated the opening of their Research Center with a ribbon cutting in Ross Hall on 10/28/16.

ECU Physicians Financial Update:

Mr. Jowers reviewed the financial year-to-date information through September 2016. The change in net gain after one-time non-recurring items from the prior year is 125.2%. Over a 12-month period, the cash reserves increased from 85 days to 123.4 days. The ECU Physicians Practice Management Indicators reflected a 14.8% improvement in the number of new patient visits.

Action Item:

The Health Sciences Committee reviewed the BSOM Statement of Support Resolution and made a motion to resolve and approve as follows.

We the East Carolina University Board of Trustees respectfully request support from President Margaret Spellings and the UNC Board of Governors in order to request from the General Assembly in its next session:

1. Conversion of the \$4 million of non-recurring funding previously approved by the General Assembly to a permanent funding source in order to provide for mission stability within the current Brody School of Medicine's programs.
2. Support additional funding to allow the Brody School of Medicine to expand its enrollment over the next eight years from 80 to 120 full time medical students.
3. Support the expansion of residency slots in eastern North Carolina, since data confirms that Brody doctors remain in North Carolina over 70% of the time upon completing their Brody related residency.
4. Affirm Brody's desire to build a new \$150 million medical education facility that will replace the outdated and outmoded current 40 year old building, and which will support enrollment expansion and provide our medical students with a 21st century facility for physician education and training, requesting planning money in the next state budget.

Motion passed unanimously.

Closed Session:

Action: A motion was made by Chairman Davenport that the Health Sciences Committee go into closed session. Mr. Beeson read the motion to go into closed session:

1. to prevent the disclosure of confidential information under N.C. General Statutes §126-22 to §126-30 (personnel information) and the federal Family Educational Rights and Privacy Act; and
2. to consider the qualifications, competence, performance, character, fitness, or appointment of prospective and/or current employees and/or to hear or investigate a complaint or grievance by or against one or more employees.
3. to prevent the disclosure of competitive healthcare information under N.C. General Statute 130A-45.11; G.S. 131E-97.3.
4. to consult with an attorney to preserve the attorney-client privilege between the attorney and the Committee.

Action: Motion passed.

Action: A motion was made by Chairman Davenport to go back into open session at 12:25 p.m. Motion passed.

Meeting adjourned at 12:30 p.m.

East Carolina University
Board of Trustees
Health Sciences
February 16, 2017

Session	Health Sciences
Responsible Person	Nicholas Benson, Interim Dean, Associate Vice Chancellor for Healthcare Regulatory Affairs, & Medical Director, ECU Physicians
Agenda Item	II.
Item Description	Health Sciences Division
Comments	
Action Requested	Discussion
Disposition	
Notes	<p>A. Brody School of Medicine Dean Search Update – Dr. Sylvia Brown</p> <p>B. Expansion of Brody Status – Dr. Libby Baxley</p>

East Carolina University
Board of Trustees
Health Sciences
February 16, 2017

Session	Health Sciences
Responsible Person	Nicholas Benson, Interim Dean, Associate Vice Chancellor for Healthcare Regulatory Affairs, & Medical Director, ECU Physicians
Agenda Item	III.
Item Description	Closed Session
Comments	
Action Requested	
Disposition	
Notes	

East Carolina University
Board of Trustees
Health Sciences
February 16, 2017

Session	Health Sciences
Responsible Person	Nicholas Benson, Interim Dean, Associate Vice Chancellor for Healthcare Regulatory Affairs, & Medical Director, ECU Physicians
Agenda Item	IV.
Item Description	Information Updates
Comments	
Action Requested	
Disposition	
Notes	A. College of Allied Health Sciences B. College of Nursing C. School of Dental Medicine D. Laupus Library E. Brody School of Medicine

Allied Health develops Collaborative Research Hub with Nursing

Allied Health Sciences' Office of Research has joined with Nursing to establish the CAHS-CON Research Hub for efficient and effective management of grants. Its purpose of the Hub is to provide expertise and support in pre-award and post-award administration for faculty in for both the colleges of Allied Health Sciences and Nursing.

Once fully staffed, the Hub will include three Grants Administrators, one pre-award specialist and two post-award specialists. At present, two of these positions have been filled and the third is expected to be filled by mid-March.

At present, there are approximately 25 to 30 grant submissions each year. However, the number and variety is expected to grow with strategic hires and increased investment in start-up research funds.

Allied Health Sciences and Nursing share the Health Sciences building, along with the Laupus Health Sciences Library. Unlike most other colleges, researchers in these two colleges seek grant funding from a variety of sources, including NIH, NSF, SAMSHA, HRSA, DHHS, AHEC, private foundations, and industry.

Faculty Mobility Agreement established between Allied Health and South-West University in Bulgaria

An Erasmus+ faculty mobility agreement has been established between the Department of Communication Sciences and Disorders and South-West University (SWU) in Blagoevgrad, Bulgaria. Funded by the European Commission, Erasmus+ is a program that provides for brief faculty exchanges between universities within the European Union and non-E.U. partner countries, such as the U.S.

Blagoevgrad is located near Bulgaria's borders with Greece and Macedonia.

The relationship between ECU and SWU developed when Allied Health Dean Robert Orlikoff completed a Fulbright Specialist project there in September 2016.

Bulgaria shares many of the health care issues that confront eastern North Carolina. These include poverty, rural and isolated populations, health disparities, and access to the allied health professions.

According to Orlikoff, SWU "is particularly interested in developing their academic curricula, moving from undergraduate to graduate professional health care programs, establishing a stronger relationship with medicine, and promoting interprofessional education in general."

Accomplishments & Accolades from Allied Health:

- Dr. Jamie Perry, Chair of the Department of Communication Sciences and Disorders and her co-authors received the highly prestigious **Journal of Speech, Language, and Hearing Research Editor's Award** for their paper "A computational model quantifies the effect of anatomical variability on velopharyngeal function." JSLHR is the preeminent journal for the discipline of communication sciences and disorders.
- Dr. Roman Pawlak in the Department of Nutrition Sciences was **awarded a grant by the Academy of Nutrition and Dietetics Foundation** to assess vitamin B12, EPA, DHA, and BDNF of milk from vegan, vegetarian, and non-vegetarian lactating mothers.
- Dr. Lynne Murphy, a faculty member in the Department of Occupational Therapy, was selected to participate in the **2017-2018 Engagement Outreach Scholars Academy**.
- Dr. Leigh Atherton in the Department of Addictions and Rehabilitation Studies is studying **animal-assisted therapy** in collaboration with ECU's Center for Counseling and Student Development.
- Dr. Marianna Walker in the Department of Communication Sciences and Disorders is spearheading the effort to provide **speech, language, and hearing services in ECU's new lab school at South Greenville Elementary** in collaboration with Education.
- The Department of Health Services and Information Management has **reactivated its B.S. degree program in Health Information Management (HIM)**. The only accredited undergraduate HIM program in North Carolina, it provides students with the skills needed to effectively manage health information and related systems in support of organizational operations and clinical/business decision making.
- Three Nutrition Studies students and one Communication Sciences and Disorders student received **Undergraduate Research and Creative Activity Awards** for their faculty-mentored research conducted during the Fall 2016 semester.
- Dr. Leonard Trujillo, Chair of the Department of Occupational Therapy **served as a consultant on a National Institutes of Health grant** directed toward increasing physical activity and improving cognitive performance in older Native Americans with diabetes and cardiovascular disease.
- The Department of Biostatistics is collaborating with Computer Science in Engineering & Technology to **establish a degree program in data science**.
- The Health Informatics Degree Center ranked ECU's M.S. program as the **top online health informatics master's degree program for 2016-2017**. The ranking considered affordability, accessibility, accreditation, and areas of concentration.
- The Office of Research instituted the **CAHS Thesis/Dissertation Research Grant Program**. Kazlin Mason, a PhD candidate in Communication Sciences and Disorders, was awarded the first grant for "The Effects of Gravity and Scar Contracture on Post-Surgical Tissue Changes and Speech Outcomes following Pharyngoplasties."
- Dr. Denise Donica in the Department of Occupational Therapy was awarded a **BB&T Active Learning and Leadership Development Incentive Grant**.

East Carolina University
College of Nursing Updates
February 2017

- Two nursing faculty members are working to extend the College of Nursing's impact internationally. College of Nursing Professor Kathy Sitzman is influencing nursing curricula in Peru, and Clinical Assistant Professor Cheryl Elhammoumi has collaborators in Finland. Learn more at <http://bit.ly/2ju44ts>.
- Assistant Professor Dr. Cheryl Kovar has received funding for the third year of a project funded by the Centers for Disease Control and Prevention through North Carolina's Department of Health and Human Services Communicable Disease Branch. The project is assisting health departments to better provide testing and services for sexually transmitted diseases. The latest award brings Kovar's funding from DHHS to approximately \$1 million for this project.
- A forum held at the College of Nursing sought to address the nursing workforce shortage. The forum brought together 51 leaders from across the state to consider the best strategies for confronting challenges in nursing staffing and to help ensure North Carolina has the best nursing care possible. Attendees at the Nov. 4 event represented the state's medical centers, academic health centers, community hospitals, and the North Carolina Board of Nursing. Learn more at <http://bit.ly/2fkfHRC>.
- Faculty member Ann Schreier is involved in an interprofessional project to cut through health disparities and provide breast health screenings to women. The work is funded by the Susan G. Komen Triangle to the Coast Affiliate. Learn more at <http://bit.ly/2ju9FQp>.
- The College of Nursing's online master of science in nursing program was ranked 35th out of 140 schools national by U.S. News and World Report. Learn more at <http://bit.ly/2jjKVH5>.
- As part of the CON's \$2.5 million Geriatric Workforce Enhancement Program grant (<http://bit.ly/1jWwIG4>) nursing faculty and staff continue to conduct outreach events in area communities. For example, Candace Harrington spoke in January in Elizabeth City for the Albemarle Commission Area Agency on Aging.
- Faculty member Kathy Sitzman is again offering her "Caring Science, Mindful Practice MOOC," this time for 672 participants. This means that the course has now reached 2,619 people across the globe.
- College of Nursing faculty members were honored at the Laupus Library Health Sciences Author Recognition Awards on Nov. 15. Learn more at <http://bit.ly/2ju88cV>.
- CON graduate Jonathan Jeffries, who completed his BSN degree in winter 2016, was named a Distinguished Graduate at his Air Force ROTC commissioning ceremony in December. Learn more at <http://bit.ly/2jiAO54>.

Program	Spring 2017 Enrollment
Pre-licensure BSN	484
RN/BSN	170
MSN	355
Post-Master's	17
PhD	33
DNP	149
Post-Doctoral Cert.	2
TOTAL	1,210

ECU School of Dental Medicine (SoDM)
Board of Trustees Update
February 2017

Update on Graduates

The school has graduated two classes totaling 101 graduates. Approximately 60 graduates are practicing in North Carolina, and most of the remaining graduates are completing residency training or military obligations.

Upcoming Give Kids a Smiles Events

Since 2003, the American Dental Association's Give Kids A Smile (GKAS) program has provided free oral health services for more than 5.5 million underserved children. These free services are provided by volunteers including approximately 10,000 dentists annually, along with 30,000 other dental team members.

ECU School of Dental Medicine faculty, staff, students and residents will take part in Give Kids a Smile at six locations in the state in February, offering free x-rays, fluoride treatments, dental sealants, cleanings, and oral health instruction to children who qualify. GKAS encourages parents to become involved in their children's oral health care and find a dental home for their family at ECU.

February 3: GKAS will be held in Greenville and at the school's Community Service Learning Centers in Ahoskie, Elizabeth City, and Brunswick County.

February 4: GKAS will be held at the Community Service Learning Center-Lillington. The event will be co-sponsored by Campbell University, Central Carolina Community College's dental hygiene and dental assisting programs, and the Harnett County Health Department.

February 11: GKAS will be held at the Community Service Learning Center-Davidson County.

ECU Smiles in Robeson County

The school's faculty, staff, resident and student volunteers will participate in ECU Smiles Community Dental Clinic and Health Screening at the Community Service Learning Center-Robeson County on April 7 & 8. This is a free clinic sponsored by the ECU School of Dental Medicine to benefit the residents of Robeson and surrounding counties. We anticipate serving 100 adult patients, who qualify for services through local public health agencies. Area health care partners will provide diabetes and hypertension screening for patients. The North Carolina Farm Bureau is underwriting the event.

Members of the ECU Board of Trustees are always invited to attend the school's events. For more information on Give Kids a Smile, contact Dr. Michael Scholtz, assistant dean for extramural clinical practices, at 252-737-7029,

scholtzm@ecu.edu or Peggy Novotny, director of external affairs, at 252-737-7031, novotnym@ecu.edu for details.

Preparing Tomorrow's Dentists

The dental school invited 25 underrepresented college students from 11 North Carolina universities to learn more about the dental profession at Preparing Tomorrow's Dentist: Professional Development Workshop on Saturday, January 27. Dental faculty, student, and staff volunteers led participants through hands-on activities involving tooth identification, suturing, anesthesia, sealants, and tooth restoration at the office of Dr. Roslyn Crisp and Associates in Burlington, NC. The workshop was co-sponsored by the U.S. Army, North Carolina Agricultural & Technical State University, and the Old North State Dental Society.

Preparing Tomorrow's Dentists is an ongoing program at the School of Dental Medicine built on ECU's commitment to meeting the health needs of diverse and underserved communities and educating underrepresented minority students who are prepared to assume leadership roles in their professions and communities.

Updates from Laupus Library

Laupus Liaisons Receive Awards and Special Recognitions

Congratulations to our very own Carenado Davis, Liaison to the Brody School of Medicine, who is currently collaborating with faculty and clinicians in the Brody School of Medicine on a research project which focuses on identifying the experiences, stresses, and resiliency of African-American men that have graduated from Brody.

He was also selected to participate in the ECU Chancellor's Leadership Academy 2017 cohort and nominated and selected to receive ECU's 40 Under 40 Leadership Award 2017 for Research and Education.

Congratulations to our very own Kerry Sewell, liaison to the College of Nursing, who received the Beta Nu *Friend of Nursing* award on November 17 of last year. Beta Nu is the local chapter of Sigma Theta Tau, the National Honor Society of Nursing. The *Friend of Nursing* is awarded to non-nurses who go above and beyond the call of duty to support nursing.

Friends of Laupus Library Membership Campaign 2017

The Friends of Laupus Library are now seeking membership for 2017. For the very first time online enrollment is offered on the Friends of Laupus Library homepage. The Friends are also offering free annual membership to all ECU students who submit enrollment information. If you are interested in enrolling electronically please visit <http://www.ecu.edu/cs-dhs/laupuslibrary/Friends/index.cfm>. For more information about membership, contact Kelly Rogers Dilda at rogerske@ecu.edu.

Art as Avocation Series Presents 2017 Spring Semester Exhibit

Joseph M. Chalovich, professor of Biochemistry & Molecular Biology at the Brody School of Medicine presents a 2017 Spring Semester exhibit as part of the Art of Avocation series. Entitled, "Early American Woodworking: Exploring the Natural Beauty of Wood," Chalovich showcases his collection of 17th century American and European wood carvings. The exhibit is on display in the Laupus Library 4th floor gallery beginning March 7 and will run through May 26, 2017.

Laupus Offers New Touch Table

Laupus Library now offers patrons an Ideum Platform Touch Table. The 65" table has a 4K Ultra High Definition display. Students can use the table to manipulate 3-D images by touch using existing library anatomy software and access informational databases in a group setting.

The table can run other applications for patrons including online exhibits of materials in our History Collections, custom programs for other 3D anatomical views, and more.

Friends of Laupus Library Provide Support for Outdoor Studying

The Friends of Laupus Library purchased outdoor furniture for the 4th floor balcony allowing our patrons to enjoy using the library, even outside. More than merely expanding our seating capacity, the furniture offers our first outdoor space for studying students. The purchase included four units, each containing 4 seats attached around a single table. We expect exam times and of course warmer weather to bring much more frequent use of these tables.

Laupus Welcomes New Employees

Sonia Valencia is our History Collections Artifact Assistant. She is a graduate student in ECU's Program in Maritime Studies and has experience in identifying, cataloging, and conserving artifacts at the Mel Fisher Maritime Museum, for the Queen Anne's Revenge (QAR) Conservation Lab, and at various other sites. She has begun working with the artifacts housed in our History Collections by identifying them, preparing them both for long-term conservation and for our upcoming exhibits, and she will be cataloging them for us as well.

Jenny Snyder is our History Collections Archives Assistant. She is a graduate student in ECU's Library Science Program. She worked at Laupus Library last semester as a graduate student employee in Collection Services and previously worked in the Special Collections department at Joyner Library and in Elizabeth City State University's music library. She has begun processing our archival collections and will be working with Lindsay on promotions, curation, and set up and takedown of Medical History Interest Group presentations and our upcoming History Collections exhibits. Jenny will also be completing a joint internship appointment this semester between the library and the Country Doctor Museum.

Tiffany Messer-Bass is our Collection Services Intern. She is also a graduate student in ECU's Library Science Program. Tiffany has worked for library systems including Wake County Public Libraries, Buncombe County Public Libraries, and more in circulation, programming, cataloging and filling in for librarians. As part of her internship, she will primarily be learning and performing cataloging, but her educational opportunities at our library will include some work in collection development and e-resource management as well.

East Carolina University

Board of Trustees

Health Sciences Committee

Brody School of Medicine Updates and Highlights

February 16-17, 2017

Education

- ❖ The number of applicants competing for Brody School of Medicine admission during each of the last three years has been higher than all but one other year in our 41-year history. Plans are underway for a major class expansion, with a request for financial support being prepared for this legislative session. For the entering class of 2017, we plan to increase the class size from 80 to 82, the first increase in five years.
- ❖ Brody students continue to perform well on their licensing examinations administered by the National Board of Medical Examiners after the second and third year of medical school. The performance of the Medical Class of 2018 (current M3 students) tied the national average for the USMLE Step 1 examination, and the performance of the Medical Class of 2017 (current M4 students) beat the national average on the USMLE Step 2 CK examination.
- ❖ *Curriculum 2017* – the name for our transformation of the MD curriculum – is underway. The Class of 2020 has progressed to the second block in the new curriculum and is adjusting well. Early data suggests the change in testing strategy to weekly quizzes combined with integrated exams is fostering regular, early study and improved knowledge retention.
- ❖ The Distinction Track Program at Brody was developed to better prepare future physicians with the leadership and adaptive learning skills needed for a rapidly changing healthcare system. Advanced co-curricular, longitudinal learning tracks were developed in four areas related to the mission of the school. Outcomes for the two classes of the Research and the Healthcare Transformation and Leadership tracks and the inaugural classes of the Service Learning and the Medical Education and Teaching track students are described below:
 - Research: 18 participating scholars have produced 13 published abstracts and accompanying national presentations, 4 submitted manuscripts, 2 awards at the national level, and 2 grant submissions.
 - Medical Education and Teaching: 5 students served as teaching assistants for a summer program aimed at health professions student and completed a combined total of 1900+ peer tutoring hours, developed clinical educational materials and presented scholarly products (2) at both the local and regional levels.

- Service-Learning: 10 students participated in a summer immersion and individually designed service project throughout 6 countries, completed a combined total of 790 service hours, and had 3 abstracts accepted for presentation at regional and national levels.
 - Health System Transformation and Leadership (LINC Scholars): 15 students are enrolled and embedded in quality improvement projects throughout the healthcare delivery system resulting in 11 abstract submissions and 9 presentations, and 9/10 second cohort scholars trained as TeamSTEPPS Master Trainers.
- ❖ Dr. Luan Lawson presented an educational session on Health Systems Science and the Teachers of Quality Academy at the AMA Academic Physicians Section and Governing Council meeting in Seattle in November.
 - ❖ Brody is teaming with Eastern AHEC to provide education to health care providers on Safe Opiate Prescribing. We have held two large educational sessions (one in Greenville and one in Elizabeth City) with more to come later this year. State Health Director, Dr. Randall Williams, participated in both meetings to reinforce the importance of addressing the opiate crisis.
 - ❖ Brody is collaborating with Eastern AHEC to create a Primary Care Teaching Academy to augment the work of the REACH program to assure that our students have clinical training in the very best clinical learning environment. The project will also help ECU Physicians be prepared to be successful in this era of Pay for Performance. Brody and Eastern AHEC are also collaborating to create a system to broadcast out through eastern North Carolina Grand Rounds programs that take place at the academic campus.
 - ❖ In 2016, one-time non-recurring monies were used to enhance the Interprofessional Clinical Simulation Program, allowing the program to increase the number and quality of its educational programs to achieve a goal of promoting patient safety and excellence in simulation based education. There were over 7,500 educational encounters during the year, consisting of medical, nursing, respiratory therapy, physician assistant and undergraduate students, residents, fellows, VMC nurses, respiratory therapists, the military, other healthcare professionals, and community groups. There have been simulation-based additions to the medical school curriculum, several of which provide an interprofessional component.
 - First year medical students participate in the First 5 Minutes simulated crisis training course as part of the Doctoring Course.
 - Second year medical and third semester ECU nursing students participated together in procedural skills training.
 - Third and fourth year students participate in Internal Medicine, Pediatrics, OB Clerkship, Surgery, Emergency Medicine Clerkship simulation and skills sessions. Eyesi Direct Ophthalmoscope, SonoSim Ultrasound, and Auscultation simulators are available as self-study learning opportunities for students.

- ❖ A sophisticated B Line Medical interactive AV recording and debriefing system with trainee tracking and assessment capability has been installed. An ECU faculty development Simulation AV Technology educational module and a Debriefing module have been developed and piloted with ECU College of Nursing and VMC. There was media news coverage featuring simulation activities in the ECU student Carolina East Magazine, the Daily Reflector, and a medical student EMS Disaster Day simulation coverage was televised.
 - ❖ A 45 foot mobile Healthcare Simulation Unit (HSU) will arrive in March 2017, which will allow us to extend our reach to meet the educational needs of a variety of healthcare providers and students in the region. The vehicle has a realistic, simulated, fully-equipped hospital resuscitation bay, an additional ambulance compartment, an area for controlling the operation of the simulators, and video debriefing capability. The interior of the vehicle can also be converted into a small group classroom setting to accommodate a variety of educational activities. The HSU will provide a full complement of BSOM CSC simulated clinical scenarios and procedural skills training to BSOM trainees and adjunct faculty across the region, using sophisticated adult and pediatric patient simulators, procedural skills. It can also serve as a staging platform for multidisciplinary in-field EMS training exercises. A pediatric trauma simulation outreach program associated with a Childress Grant is currently being provided to hospital emergency departments at Onslow, Edgecombe, and Nash and is an example of the educational potential of a mobile unit. When not deployed, the HSU, with the two fully functional simulation rooms including a control room, will provide additional capability to serve as an extension of the fixed center at Brody to learner groups who would otherwise have to be rescheduled or denied education.
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Research

- ❖ Sponsored activity for the current fiscal year through 1/30/2017. All data were obtained through RAMSeS. The ECU Vice Chancellor for Research, Economic Development and Engagement (REDE) has requested that all “Sponsored Activity” be entered into RAMSeS, therefore all ECUP contracts with Vidant Health entities are incorporated in our sponsored activities. In view of this change we have modified our method for extracting data to report on research activities. Data are now sorted based on CHESS codes and Activity codes to provide a better assessment of true research & development, clinical trials and other clinical service awards. In the table below “Total Sponsored Activity” includes ECUP contracts with Vidant entities. “Total Awards” excludes these contracts and includes only awards sponsored by extramural sources which includes NIH research grants, training grants and public service grants such as those from HRSA (Health Resources Services Administration).
- ❖ A review of the data below shows that Total Awards have declined by \$3,411,410 compared to FY15-16. This can be attributed to a significant decrease in the number and amount of Clinical Trials which decreased by 20 awards for \$2,832,852 over the same period in the last fiscal year. There also has been a 12% decrease in the number of Research & Development and other extramural awards compared to last year. The leadership of Brody and REDE are collaborating on strategies to reverse this.

BSOM Sponsored Activity July 1 through January 30

	FY15-16		FY16-17	
	# Awards	Amount	# Awards	Amount
1) Total Sponsored Activity	110	\$11,814,522	173	\$64,070,231
2) ECUP Contracts	NA	NA	76	\$55,667,119
3) Research & Development	41	\$4,514,041	48	\$4,454,723
4) Clinical Trials	33	\$3,825,819	13	\$992,967
5) Total Awards**	110	\$11,814,522	97	\$8,403,112

NA= data not available in RAMSeS

** excludes ECUP Contracts

- ❖ There is currently an active search for a permanent Associate Dean for Research & Graduate Studies (ADR) for the BSOM. A search firm (Diversified Search) was engaged and they assembled a strong slate of candidates for review by the search committee. From this slate of candidates four were selected for the first round of interviews. All four have visited the BSOM and were highly qualified with considerable experience at institutions with strong research productivity. A second visit of the highest ranking candidates is being planned.
- ❖ As mentioned in the report for the last meeting Dr. Doyle (Skip) Cummings has joined the Research & Graduate Studies division to be Director of Clinical Trials. Dr. Cummings is appointed at 50% of his effort and he will jointly report to the Dean of the BSOM and the Vice Chancellor of Research, Economic Development and Engagement. This new addition will help us improve our clinical trials productivity.
- ❖ The Brody Brothers Endowment Stewardship Committee convened in November to consider funding grants submitted by BSOM faculty. The committee approved 9 grant applications for a total of \$233,087. The average award was \$25,899 per project. This funding mechanism is an invaluable asset that supports pilot research to BSOM faculty working in research projects relevant to the health of people in our region.
- ❖ Thus far during the 2016-2017 academic year we had four students successfully defend and deposit their PhD dissertations. These were: Yi Huang (Anatomy and Cell Biology); “CRISPR/Cas9 knockout of HAS2 in rat chondrosarcoma chondrocytes demonstrates the requirement of hyaluronan for aggrecan retention”; Ki Hwan Moon (Microbiology) “Motility and chemotaxis in the Lyme disease spirochete *Borrelia burgdorferi*: Role in pathogenesis”; Andrew Holt (Physiology) “Vasodilator-stimulated Phosphoprotein Regulates Arterial Smooth Muscle Cell Migration”; and Cody Smith (Physiology) “Linking energy state to redox environment through mitochondrial redox circuits”.

- ❖ In the current academic year graduate students from the BSOM PhD and MS Biomedical Sciences programs have contributed to 24 refereed research publications as either first-authors or co-authors. Many of these manuscripts have had multiple students contributing.
 - ❖ Doctoral student, Cody Moorman, from the Department of Microbiology won the best poster Presentation at the North Carolina Branch of the American Society for Microbiology.
 - ❖ Due to some attrition of research mentors leaving for other institutions we have lost or expect to lose at least four of our graduate students.
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Community Service

- ❖ Throughout December and January, ECU surgery professor – and founding chair of ECU's Department of Surgery – Dr. Walter Pories was interviewed by WNCT, WCTI, WITN and Public Radio East about the American Diabetes Association's recent recognition of bariatric surgery as a standard of care in the treatment of Type 2 diabetes. Dr. Pories, who pioneered the "Greenville Gastric Bypass" procedure for weight loss, first presented evidence to support this finding twenty years ago. bit.ly/2jpZh9Y
 - ❖ Brody medical students provided medical foot examinations to about 75 people at Crossroads Community Center on Friday, January 20. The event, which also provided new socks and new or gently used shoes to participants, was held in collaboration with Greenville podiatrist Dr. Amy Pitzer, the Family Foot and Ankle Physicians and the Vidant Wound Care Center. go.ecu.edu/e8becf5f
 - ❖ A new grant awarded to the Brody School of Medicine will support routine HIV blood testing for patients who come to Vidant Medical Center's emergency department and will help connect patients with HIV support services. The \$200,000 award from the biopharmaceutical corporation Gilead Sciences Inc. <http://bit.ly/2juyPfa>
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Clinical Practice

- ❖ Strong progress is being made in discussions about how the medical practices of Brody and Vidant Health can become integrated to achieve the mutual goal of providing excellence in patient care for the people of eastern NC and an outstanding educational environment for health professions learners. Leadership from the two organizations are finalizing the major integration agreement. Once executed, this agreement will provide a foundation for extensive and complex detailed work to begin. The result will be to integrate the two organizations into a fully integrated clinical practice in 2018 to improve patient care and quality and improve health and wellness, throughout eastern North Carolina.

- ❖ For the first two quarters of FY 17, (July 1, 2016 – December 31, 2016), ECU Physicians had a bottom-line loss of \$1.3M. Over \$1M of this is attributable to contract revenues owed to ECU Physicians for faculty and staff supporting the Leo Jenkins Cancer Center Joint Venture. Those contract revenues were paid in January 2017.
- ❖ ECU Physicians cash reserves at the end of December 31, 2016 were \$50.2M or 114 days of cash on hand. The ECU Physicians Board encourages ECU Physicians to have 90 days of cash on hand at all times.

