East Carolina University | Board of Trustees
Health Sciences Committee Meeting
July 27, 2017 | Agenda

I. Approval of April 27, 2017 Minutes
   Action

II. Health Sciences Division - Dr. Phyllis Horns
   Discussion
   A. Brief Orientation Session
   B. Introduction of Dr. Mark Stacy, BSOM Dean
   C. Laupus Library Director Search Update

III. Brody School of Medicine Update—Dr. Nicolas Benson
   A. Introduction of Dr. Russ Price, Associate Dean of Research & Graduate Studies - Dr. Nicholas Benson
   B. Ortho Trauma RFP - Dr. Nicholas Benson & Mr. Brian Jowers
   C. ECU Physicians Financial Performance - Mr. Brian Jowers

IV. Closed Session

V. 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
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<td>Responsible Person</td>
<td>Deborah Davis, Chair</td>
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<td>Agenda Item</td>
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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 February 16, 2017 were approved.
**Health Sciences Division Update:**

Dr. Horns recognized the contributions of the late Dr. Ed Monroe who passed away on April 16th and served as the vice chancellor of Health Affairs from 1971-1979. He had a strong impact in getting the BSOM in place, the development of the health system here, and on the entire university and community.

Dr. Horns reported that the School of Public Health is still in the planning stages. The proposal to establish a DrPH is out for review with the hopes of getting on the May agenda of the BOG. A small implementation group is working with the Academic Council on several pieces including the naming of the School of Public Health. Although many steps of left in the process, the plan is to have an accredited school around 2020.

Dr. Phyllis Horns reminded the committee that additional informational updates on the College of Allied Health Sciences, College of Nursing, Laupus Library, School of Dental Medicine and the Brody School of Medicine were included in the board packets for their review.

**The Development of a Culturally Competent Tobacco Cessation Program at ECU School of Dental Medicine:**

Dr. Sharon Paynter, Assistant Vice Chancellor for the Office of Public Service and Community Relations, introduced Mr. Brice Bowrey, an EC Scholar and Student Engagement and Outreach Scholars Academy (SEOSA) graduate, to the committee. He presented on the development of a culturally competent tobacco cessation program at the ECU School of Dental Medicine (SoDM). This project was led by Dr. Wanda Wright from the SoDM. The team worked with the NC Dept. of Health & Human Services. The presentation focused on the team’s research and his own personal experience. The development of this program will improve lives as dental students go into communities to teach.

**Research Highlights:**

Dr. Kathy Verbanac presented on research highlights for the Health Sciences Division that focused on several researchers, their research support funding, and grant goals. The College of Allied Health Sciences has a diverse funding portfolio and had $1,180,301 in grant expenditures in 2015-16.

**Brody School of Medicine Update:**

Dr. Benson reviewed the BSOM Research Action Plan and the need to focus on the training of the next generation with a specific research theme working in areas such as infectious diseases, cancer, neurosciences, etc. He also reviewed the Match Program results for BSOM where primary care prevailed again. By the numbers:

- Matched in primary care residencies: 43 (56%) for family medicine, internal medicine, pediatrics, medicine-pediatrics; or 47 (61%) if you include OB/GYN
- Number of specialties represented: 21
Most popular specialties: Pediatrics (18 students) followed by Family Medicine (13 students)
Matched in NC for residency – 28 students or 36%
Matched at VMC for residency – 13 students or 17%

Dr. Benson discussed the UME & GME Expansion Plan. The expansion plan will increase the number of students from 80 – 120 per year in incremental fashion and increase GME training program/positions in ENC rural communities. The Governor’s current budget has $10M for “UME expansion” for UNC-CH & BSOM. A proposal has been submitted for 4 new GME programs and 45 new resident positions.

Dr. Benson updated the group that they are currently working with 2 strong candidates for the position of Associate Dean of Research & Graduate Studies and hope to have the search wrapped up in the near future.

**ECU Physicians Financial Performance:**
Mr. Jowers reviewed the financial year-to-date information through March 2017. He reported that the UPL funding has been delayed a bit, but by year’s end they are projecting that ECU Physicians will have a net gain of between $3-1/2 – $4M by the end of the fiscal year. Over a 12-month period, the cash reserves increased from 100 days to 106.6 days. The ECU Physicians Practice Management Indicators reflected a 6.7% improvement in the number of new patient visits.

**Closed Session:**
Action: A motion was made by Chairman Davenport that the Health Sciences Committee go into closed session. Mrs. Davis 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.

**Action Items in Closed Session:**

The Health Sciences Committee reviewed the request for a housing allowance for the advanced education in general dentistry residents at the ECU Community Service Learning Centers. A motion was made for approval. Motion passed unanimously.

The Health Sciences Committee reviewed recommendations for promotion and permanent tenure for faculty members listed for the 2016-2017 academic year for the Health Sciences Division. A motion was made for approval. Motion passed unanimously.

**Meeting adjourned at 12:30 p.m.**
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**Agenda Item** | III.
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**Action Requested** | 
**Disposition** | 
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Health Services and Information Management Graduate Program Becomes the First Accredited in North Carolina

The College of Allied Health Sciences’ Master of Science program in Health Informatics and Information Management has recently been accredited by the Commission on Accreditation for Health Informatics and Information Management (CAHIIM), making it the only accredited program of its type in North Carolina.

Department Chair Xiaoming Zeng notes that the industry is beginning to require program graduates to be formally credentialed.

Health Informatics professionals will be able to choose between the American Medical Informatics Association (AMIA) and the American Health Information Management Association (AHIMA). However, according to Professor Zeng, “regardless which credential the students will choose, to be eligible for the credentialing exam, they must graduate from a CAHIIM-accredited health informatics program.”

In addition to the M.S. program, the Department also offers the only CAHIIM-accredited Bachelor of Science program in Health Information Management in the state. The curriculum emphasizes the development of skills for managing health information and the systems that collect, store, retrieve, disseminate, and communicate that information to support organizational operations as well as clinical and business decision making.

Using Animal-Assisted Therapy to Help Build Bridges for People Dealing with Traumatic Experiences

The Department of Addictions and Rehabilitation Studies in ECU’s College of Allied Health Sciences added two new members of its rehabilitative services team on June 22 when two miniature horses from the Rocking Horse Ranch were deputized at the Pitt County Sheriff’s Office.

The horses are part of a new project, Building Bridges, that will provide animal-assisted therapy to individuals exposed to a variety of traumatic events. Assistant Professor Leigh Atherton sees the project as one that will advance both research and practice. Atherton is the director of the Clinical Counseling graduate program who also coordinates the certificate program in Substance Abuse Counseling.

“From a research perspective, students and faculty will be able to participate in study, development, and implementation aimed at examining the influence of a novel innovative therapeutic strategy to treating mental health issues,” Atherton explained, adding that “From a teaching perspective, we’ll be able to provide experiential learning opportunities to students regarding the provision of mental health services via Animal Assisted Therapy strategies.”

Local news affiliates WITN and WNCT reported on the story, which was picked up by national outlets including Inside Edition.
Accomplishments & Accolades from Allied Health Sciences:

- Dr. Leigh Cellucci, professor in the Department of Health Services and Information Management and Director of the Health Services Management program, was recognized at the annual meeting of the Association of University Programs in Health Administration (AUPHA) for her research partnership focusing on student leadership development. The “Interprofessional Education (IPE) Project on Student Leadership Development” is supported by a Leadership Enhancement Fund Grant from the BB&T Center for Leadership Development helped to support the project.

- Professor Steven Sligar of the Department of Addictions and Rehabilitation Studies received the Boyce R. Williams Award at the National American Deafness and Rehabilitation Association (ADARA) Bi-annual Conference in Portland, OR. Joining an elite group of 21 individuals to receive the award since 1975, Sligar was recognized for “a lifetime of exemplary contributions that lead to improvement in the lives of deaf people in the rehabilitation and behavioral health arenas.”

- Dr. Susie Harris, associate professor in the Department of Health Services and Information Management was named a Fellow of the American Health Information Management Association (FAHIMA). Harris is the Director of the Health Information Management program.

- The Department of Addictions and Rehabilitation Studies’ graduate program in Rehabilitation and Career Counseling has been ranked 18th among such programs by U.S. News & World Reports.

- The College of Allied Health Sciences had the largest representation of Faculty Scholars with ECU’s Engagement and Outreach Scholarship Academy (EOSA) during the 2016-2017 academic year.

- The Departments of Communication Sciences and Disorders, Biostatistics, and Physical Therapy led the College of Allied Health Sciences in peer-reviewed publications with 41, 25, and 21, respectively, over the course of the 2016-2017 academic year.

- The Departments of Communication Sciences and Disorders, Physical Therapy, and Occupational Therapy led the College of Allied Health Sciences in peer-reviewed presentations with 58, 56, and 38, respectively, over the course of the 2016-2017 academic year.

- The National Student Speech Language Hearing Association (NSSLHA) housed within the Department of Communication Sciences and Disorders earned the distinction of Silver Chapter Honors. The ECU chapter was praised for “demonstrating that the future of the professions is filled with strong leaders who are committed to serving and advocating for their clients.”

- Medical Director Jonathon Firnhaber of the Department of Physician Assistant Studies officially received the title of Max R. and Catherine S. Joyner Distinguished Professorship in Primary Care Medicine. Dr. Firnhaber’s new title will support grant and research collaborations as well as provide a greater voice in both access and patient care.

- Student enrollment has grown to a record 1441 students. ECU’s College of Allied Health Sciences remains the largest and most diverse allied health college in North Carolina.
The College of Nursing received a $10,000 grant from NC Area Health Education Centers (AHEC) for clinical site development. This grant will allow us to establish a clinical site at the new ECU lab school located at South Greenville Elementary. We are collaborative partners with the College of Education in establishing a school nurse position.

The college also received an Educational Mobility grant from NC AHEC for $51,000. For the fourth year in a row, we have been awarded the AHEC Educational Mobility Grant, which is one of only two grants funded in the state in this category for this year. The purpose of this project is to provide continued support to ECU College of Nursing RN/BSN students (RIBN and traditional RN/BSN) in Lenoir, Beaufort and Edgecombe counties through on-campus face-to-face appointments and for all students virtually. Since receiving the first grant in 2014, the retention rate for students in the RN/BSN option has increased to a record high of 97 percent.

The college was awarded a $14,000 grant from the U.S. Department of Health and Human Services for its Nurse Anesthesia Traineeship program. The funds will help cover costs of student tuition, fees, books and living expenses.

The site visit by Captain Young Song, the program officer for the College of Nursing’s three-year, $2.5 million Geriatrics Workforce Enhancement Program grant, went well. During the visit, Capt. Song met with key program administrators, was escorted by GWEP project director Dr. Sonya Hardin and others to area program sites, discussed the impact the grant is making in the region and met with trainers and student trainees in the program. Congratulations to Dr. Hardin and her team for the progress being made with this grant as it enters its third year this fall.

Dr. Larson completed a successful study abroad trip with nursing and nutrition students to Guatemala. This year marks the 10th year that Dr. Larson has offered this opportunity for students, with a total of 130 undergraduate and graduate students participating. Since 2013, a focus of this program has been ensuring that families have access to safe drinking water and distributing eco-water filters to families in need. This year, Dr. Larson and a senior nursing honors student conducted follow-up study on the impact of eco-water filters on family health in a Maya community. The families reported that drinking filtered water, eating fruits and vegetables, and using herbs or plants from the mountains prevented illness and promoted health. The student, a key member of the research team, received an undergraduate research award for this study and will present the findings at the International Nursing Honor Society Conference in Indianapolis, IN this fall.

The College of Nursing will offer a Psychiatric-Mental Health Nurse Practitioner concentration in the MSN program beginning this fall. The program is directed by Wanda Lancaster and is intended to prepare professional nurses as safe and competent practitioners of psychiatric and mental health services who become eligible to sit for the certification exam given by the American Nurses Credentialing Center upon graduation. Graduates of the program will earn a Master of Science in Nursing degree, or a Post Masters Certificate as a Psychiatric Mental Health Nurse Practitioner.
The College of Nursing and College of Allied Health Sciences have established a collaborative Research Hub to assist investigators with grants both pre- and post-award, as well as other research/scholarly activities.

Dr. Mark Hand will be joining the college on Aug. 14 as the new chair for the Department of Baccalaureate Nursing Education. Dr. Hand has been a faculty member at Rivier College in New Hampshire, at Durham Technical Community College, East Carolina University and most recently has served as the Assistant Dean of the Associate’s Degree in Nursing program at Durham Technical College.

The college celebrated 256 spring graduates in May. Of those, 137 received their Bachelor of Science in Nursing degree, 91 students received master's degrees, 22 received a DNP degree and six received a PhD.
Preparing Tomorrow’s Dentists
Thirty-eight students from 18 universities attended Preparing Tomorrow’s Dentists in Ross Hall June 5-7 to help potential dental students learn about the dental profession. Dental faculty, staff, and students led participants in clinical case discussions, simulation lab activities, suturing lab, and business and social etiquette events. Program partners include North Carolina Agricultural & Technical State University and the Old North State Dental Society. The U.S. Army sponsored a luncheon.

Class of 2021
Fifty-two students have been admitted to the DMD Class of 2021 and will begin classes on August 21. The school held a welcoming event and orientation kick off for the class on June 2 called “Tomorrow Starts Soon.” The new students will attend a weeklong orientation August 14-18.

Schweitzer Fellowships
Five ECU School of Dental Medicine students are among the twenty-three medical and dental students from North Carolina universities to be selected as 2017-2018 Blue Cross Blue Shield of North Carolina (BCBSNC) Foundation Schweitzer Fellows. To learn more about ECU’s newest Schweitzer Fellows, visit http://www.ecu.edu/cs-admin/news/Schweitzer-Fellows-2017.cfm

CSLC Rotations
Fourth-year students began rotations on May 8 at the school’s Community Service Learning Centers in Ahoskie, Brunswick County, Davidson County, Elizabeth City, Lillington, Robeson County, Spruce Pine, and Sylva. The students will complete nine-week rotations at three different CSLCs during the next year as well as rotations in Ross Hall’s Comprehensive Care Clinic.

Location of School of Dental Medicine Graduates as of June 2017

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<th>Class of 2015</th>
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<td>Practicing Out of State</td>
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<td>In Residency Program</td>
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<tr>
<td>Other</td>
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<td>Total Graduates</td>
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Residency Programs
The school is welcoming 28 new residents into its three postdoctoral residency programs. Sixteen residents in the Advanced Education in General Dentistry (AEGD) program will deliver care at CSLCs across the state, and five AEGD residents will practice in Ross Hall’s Advanced Care Clinic.

Four new residents have joined the General Practice Residency (GPR) program hosted by the school’s Hospital Dentistry clinic located in Vidant Medical Center. GPR residents gain hands-on experience delivering care for medically complex patients. GPR is also a one-year program.

Three residents have joined the Pediatric Dentistry Residency program and will provide care in Ross Hall’s Pediatric Dentistry and Orthodontics Clinic. The program is a comprehensive 24-month curriculum, which admitted its first three residents in the fall of 2016.

AEGD and GPR residents attend by-weekly seminars via teleconference during the year-long program.

Certificate ceremonies for 2016-2017 AEGD and GPR classes were held on June 30.

Smiles on Friday
Don’t miss “Smiles on Friday,” the school’s weekly online photo brief linked to our homepage, www.ecu.edu/dental.

ECU SoDM Upcoming Events
August 21 - Faculty and Staff Fall Convocation 2016
August 23 - Celebration of Research and Scholarship
October 27 – Alumni Event
October 28 – Family Day and Continuing Education Program
Updates from Laupus Library

ECU Libraries awarded funding to partner with research faculty on open science

East Carolina University’s 2017-2018 Interdisciplinary Research Awards (IRA) recipients include a collaboration between Joyner and Laupus libraries and the College of Allied Health Sciences. Interdisciplinary Research Awards (IRA) are seed grants to support interdisciplinary research projects leading to competitive applications for extramural funding.

The project, “Transitioning to Open Science in Research Labs: a partnership between librarians and research faculty,” will explore open science tools for faculty and students to use in the lab, with the ultimate goal of developing an institutional infrastructure to facilitate open science now and in the future at ECU.

Scholarly Communication Librarian for Joyner Library Jeanne Hoover and Dr. John Willson from the Department of Physical Therapy in the College of Allied Health Sciences will serve as primary investigators. The one-year pilot project will be based in the Human Movement Analysis Laboratory at ECU.

Research labs are a key component of teaching and scholarship at academic institutions. Proponents of the open science movement believe that establishing a culture of open science within research labs will drastically improve the exchange of information with the scientific community and general public and as a result, address questions of transparency and research reproducibility.

Co-investigators on the grant include Ting Fu, Laupus liaison to the College of Allied Health Sciences; Roger Russell, assistant director of user services for Laupus Library; and Joseph Thomas, assistant director for collections and scholarly communication for Joyner Library.

Laupus Library now offers premium innovative study space for patrons

Newly located on the third floor, patrons will enjoy 10 Brody WorkLounge stations designed for performance, comfort, and support. Specially created with lumbar support and ergonomic design, these units fulfill the needs of our students for power, lighting, privacy, personal storage, and an adjustable work surface.

New soft seating for 30 individuals is now available with tablet arms on both third and fourth floors. Three sets of comfortable study booths fitted with lighting and power are offered on the third floor. Sound dampening also added to this floor’s quiet study area ensures an environment of limited disruption and distraction.

Located on our second floor, café height tables with perching stools are now available. Now students will be able to try out the handy seating as they explore the possibilities of our new Ideum Touch Screen platform table.

Completing the quiet study area on the library’s 4th floor, the space has been fitted with new frosted privacy panels to support your exclusive needs for uninterrupted learning.
Laupus expands model collection

Laupus purchased 24 anatomical models to expand the collection to 168, the largest on campus. The new deluxe models offer extra detailing not previously offered with older versions. Based on feedback from our students, the models are in such high demand many were previously required to wait for availability.

Laupus hosts “Potion Power” for local kids and families

Laupus Library hosted “Potion Power: Medicinal Herb Discoveries for Kids” on the afternoon of July 19 as part of a botanical exhibit from ECU’s Country Doctor Museum.

On display through the end of August, “Nature’s Remedies: Traditions of Botanical Medicine,” explores the history of using herbs and other plants as remedies and preventatives. The exhibit showcases objects used by ordinary consumers, druggists and medical practitioners in their search for relief and well-being.

Children aged eight and up and their parents were invited to visit the exhibit and participate in an afternoon of hands-on learning and exploration.

Several activity stations included one stop that allowed them to make dream pillows using traditional medicinal herbs and mortars and pestles. An old-fashioned pharmacy station required them to use math skills, play dough and antique pill rollers to fill prescriptions. At the microscope station, they discovered plant cells up close where they compared dandelion fuzz to a carrot root. Lastly, kids were able to show off their creativity with a chance to color historic botanical drawings from the pages of the oldest coloring book in the world.

“We were really excited to share the history of medicine in a fun way with kids from the community,” said Beth Ketterman, interim director of Laupus Library. “Eastern N.C. has a rich history of providing health care to our community, and the kids who came to the event learned how our doctors in the region used to make medicine in ‘the good old days.’”

Art as Avocation Series presents 2017 fall semester exhibit

Leonard G. Trujillo, professor and chair of the department of occupational therapy in the College of Allied Health Sciences presents a 2017 Fall Semester exhibit as part of the Art as Avocation series. Entitled, “Visions in Wood: Carved Creations,” Trujillo will showcase his collection of three-dimensional relief carvings. The exhibit will be on display beginning October 3 and run through December 8, 2017.

Laupus selects new research librarian

Laupus Library selected Kerry Sewell as the Inaugural Research Librarian effective July 1, 2017. Kerry previously served as Laupus Liaison to the College of Nursing since January 2014. The new position will allow her to concentrate on providing systematic review services, promoting scholarly research and publication, and supporting data management for research requirements of grants and public access policies. Kerry will also work with the Associate Deans of Research and serve on Division-level research committees to promote library research support services to the health sciences community. She will also collaborate with colleagues from both ECU Libraries on research and educational activities and participate in scholarly activities and professional service. The librarian liaison to the College of Nursing position will be filled as soon as possible.
Education

- For the third year in a row, there were over 1,000 North Carolina applicants for the entering class of the Brody School of Medicine, which expands this fall from 80 to 82 members. As always, all students are from NC, with home counties ranging from Beaufort in the East to Macon in the West.
  - The credentials of the incoming class are similar recent entering classes: average age of 24, male/female ratio roughly 50/50, undergraduate GPA just over 3.6, total MCAT score of 508 (>75th percentile), extensive medical experience, and significant volunteer service.
  - Orientation begins on Monday, July 31st and includes our annual Golden Apple lecture sponsored by the Albernaz family. This year's speaker is Dr. Jose Greer from Florida International University, speaking on Socially Accountable Medical Education. The week concludes with the annual White Coat ceremony on Friday, August 4th.

- Our first class of medical students completed the first year of our new, accelerated Foundational Science Curriculum in May, and currently are pursuing 10 weeks of research, Distinction Track training, and clinical experience as part of their summer enrichment. Second and third year students are in the midst of their licensing examinations. Brody’s data-driven approach to enhance medical student performance on these licensing examinations was recognized with the “Outstanding Oral Presentation Award” at the June International Association of Medical Science Educators meeting in Burlington VT.

- We are gearing up for our next full accreditation site visit by the Liaison Committee on Medical Education in the 2019-2020 academic year. Preparation for accreditation is an intensive, two-year process that builds on our continuous improvement approach to the medical education program. Initiating a comprehensive strategic planning process for the school, across all missions, will be a critical part of this effort.

- Dr. Amanda Higginson has joined our Student Affairs office as the Assistant Dean for Student Affairs, joining Associate Dean, Dr. Susan Schmidt, and the capable staff who work on issues of student life, advancement and professional development, and wellness. Dr. Higginson’s role will be focused on our M4 students, preparing them for the residency matching process that determines where they will continue their training after graduation from Brody.
Our REACH Initiative (Redesign Education to Accelerate Change in Healthcare) continues to grow and gain national prominence. We have now completed our four-year longitudinal curriculum in patient safety, quality improvement, interprofessional team based care, and population health, that all Brody medical students will be engaged in as part of their training. We are just completing the third summer immersion program for our Leaders in Innovative Care (LINC) Scholars, a group of 10 medical students per year who are selected to participate in a parallel curriculum that teaches them to become leaders in health system science. This year, our 10 LINC Scholars are being taught by over 40 Brody School of Medicine and Health Sciences Campus faculty and Vidant Medical Center partners. Notable learning experiences include TeamSTEPPS training, patient navigation experiences, and a visit to the North Carolina General Assembly.

And, we are wrapping up our second cohort of the Teachers of Quality Academy (TQA), a year-long, intensive learning community and internal fellowship to prepare faculty across the health sciences to lead frontline clinical transformation while becoming proficient in the pedagogy and curriculum design to prepare students in Health Systems Science competencies. Twenty-five faculty participants in this cohort, led by Dr. Niti Armistead, will have completed a quality improvement project with health system impact, and an educational innovation for the MD curriculum, prior to their graduation in August 2018. Our TQA model has been nationally recognized as a best practice for preparing medical faculty to design educational programs and teach about patient safety, quality improvement, interprofessional team based care, and population health. We have been asked by the American Medical Association (AMA) to develop a national training program modeled after the TQA for broader dissemination to medical faculty across the US. We have been able to bring in an additional $2.4M in grant funds to support local expansion across primary care residency programs, NP and PA programs, and graduate students and faculty in the Behavioral Health graduate program at ECU, as well as expand into the region into community teaching practices.

The Third Annual BSOM Quality Improvement Symposium, held on March 31, 2017 at the East Carolina Heart Institute, became the First Annual Unified Quality Improvement Symposium – an evolution of this program that represents a join collaborative with Vidant Health. The Symposium showcased 32 projects from all health sciences schools and Vidant Health, 13 works in progress from Teacher of Quality Academy 2.0 faculty, and three student innovation challenge presentations selected from seven submissions. With over 130 people in attendance, the symposium provided Health Sciences faculty, residents, fellows, students, and Vidant Health physicians and employees the opportunity to present their quality improvement work to an audience of peers and health system leaders.

The Third Annual Brody Medical Education day was held on April 12th, 2017. Dr. Kurt Gilliland from UNC-Chapel Hill served as our Keynote speaker discussing curricular change in the pre-clinical years. We received 40 submissions and selected 10 podium presentations and 28 posters for presentation, the largest to date. Five of the six winners are BSOM students.

The Brody Office of CME and Eastern AHEC ran a four-part program, “Primary Care Teaching Academy” in Quality Improvement, Teamwork, Communication, and Provider Resiliency. In addition to learning skills in these areas, participants had the opportunity to practice skills within their teams and in the Office of Clinical Skills and Assessment. The program was delivered to physicians, nurses, medical office assistants,
The BSOM Office of Diversity Affairs (ODA), focused on enhancing student, faculty and staff diversity and inclusiveness of our environment, has expanded its footprint to include a conference space with SMART board and LCD screen and a COVE (Center for Outreach Voicing and Expression), which is a safe space for discussion of diversity and inclusion issues, a place for students, faculty and others to study, pray or relax. In addition to the COVE, the ODA has started REAL Talks (Respectively Engaging and Learning Talks), that give space for conversation about academic, community or national news and its impact on medicine. In addition, ODA has added new workshops available for administrators, faculty, staff and learners, including unconscious bias and cultural competence; to cross-cultural mentoring; and racism and privilege systems. Newly formed groups within this unit include an Interprofessional Diversity Group (IDG), a Research Group (RG) and a Diversity Staff Alliance (DSA). Not only has the ODA made local impact, it is part of the movement to address the issue of decreased numbers of black men in medicine, which is demonstrated to be a national crisis. Our Associate Dean for Diversity and Inclusion is working with the National Academy of Medicine (NAM) as well as the American Association of Medical Colleges SOM of Medicine will be a global leader in diversity research, data driven outcomes, education and programming, to serve and inspire positive change in academic medicine and beyond.

Our Simulation program had over 7,500 educational encounters 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 in the 2016-2017 academic year. In this program medical students, residents, fellows, faculty and VMC staff are provided realistic, hands-on, simulation based learning experiences targeted at improving safety and quality of care and enhancing interprofessional team work. Non-recurring state funds from the NC General Assembly over the last two years have allowed us to dramatically enhance the equipment and offerings in this program.

Thanks to appropriation of one-time state funds, we were able to secure a 45-foot mobile BSOM Healthcare Simulation Unit that arrived in April 2017. The HSU is a very visible, high impact mechanism to serve the mission and vision of BSOM and the health professions training needs of the region. It is a mobile, simulated clinical space, with the same instructional and technical capability as the BSOM CSC fixed facility, is available on demand, and functions in proximity to any hospital, clinic, or community setting. It 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 be converted into a small group classroom setting to accommodate a variety of educational activities. Training is accomplished using sophisticated adult and pediatric patient simulators, procedural skills task trainers, and a state of the art video recording/debriefing system. It can serve as a staging platform for multidisciplinary in-field EMS training exercises. When not deployed, the HSU provides the additional capability to serve as an extension of the fixed center at BSOM to learner groups who would otherwise have to be rescheduled or denied education. The 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.

- This spring the Simulation Center also participated in several high-profile demos of the Osprey Simulator for Governor Cooper, Senator Tillis, and Fort Bragg. The MV-22 Osprey Task Trainer is a collaborative project between ECU’s Office of Innovation and Economic Development and Brody School of Medicine’s Office of Simulation and Safety Education supporting the readiness training of enroute care teams (nurses and corpsmen) from the Second Marine Airwing. The Osprey Task Trainer will not only serve to train U.S. Navy Corpsmen and Nurses but also be a platform to research and develop future cutting edge training modalities for the Department of Defense’s Joint Evacuation and Transport Simulation (JETS) System.

- The Graduate Medical Education Programs at Vidant Medical Center and the Brody School of Medicine just welcomed 14 Brody SOM graduates as part of the incoming class of 96 new first-year resident physicians. In addition to Brody, incoming residents represent 61 different medical schools. Each year, Brody and Vidant train 400 resident physicians and fellows in 40 distinct specialty and sub-specialty programs. Included in the most recent budget from the General Assembly was funding for BSOM to plan additional primary care physician training programs to be located in rural communities of eastern North Carolina.

Research

- The extramural sponsored awards granted to the BSOM during FY 2017 totaled $23,189,740. In addition clinical contracts awarded to ECU Physicians for the FY2017 academic/fiscal year was $53,355,688. The extramural awards included Clinical Trial Awards ($2,279,721), Research and Development Grants ($8,814,840), and other Public Service and Training/Instruction grants ($12,095,178). Overall this is a decrease in sponsored extramural awards of $6,242,993 compared to FY2016 (see table). Clearly the most significant difference between FY16 and FY17 is in the area of Clinical Trial Awards (down $4,058,709) and Public Service/Instruction sector grants (down $1,968,945). The Research & Development grants remained flat for the year. The greatest difference was the decreased Clinical Trials Awards but one must keep in mind that Clinical Trials Awards do not necessarily result in funds coming into the institution but rather they represent the “potential” amount of funds depending on the number of patients enrolled in the trial. Also in the Public Service sector there were some sizable federal and state awards that were not received in FY17 such as the High Risk Maternity Clinic ($750,000).
### BSOM Sponsored Activity: FY17 compared to FY16*

<table>
<thead>
<tr>
<th></th>
<th>FY16 # Awards</th>
<th>FY17 # Awards</th>
<th>FY16 Amount</th>
<th>FY17 Amount</th>
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<tr>
<td>1) Extramural Sponsored Activity</td>
<td>206</td>
<td>167</td>
<td>$29,432,733**</td>
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<td>2) ECUP Contracts</td>
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<td>3) Research &amp; Development</td>
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<td>5) Public Service/Instruction/Training</td>
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<td>47</td>
<td>$14,024,123</td>
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*All data available in RAMSeS
** excludes ECUP Contracts

- **Sixty-nine PhD students enrolled at the beginning of the 2016 fall semester. This was a slight decrease from the year prior when we had a record enrollment of 74. This decrease was in part due to the loss of a funded faculty member who took two of his students to a new institution with him. The MS program in Biomedical Sciences increased to 13 students up from 10 the previous year. This program has been a good stepping-stone for the matriculating students to further their professional development with 50% of the entering PhD programs, 25% entering medical school, and 25% entering the work force.**

- The five basic science PhD programs merged into an umbrella program with five concentrations that represent the former programs. The former basic science programs have been closed out for future enrollment (October 2016). We expect to have 8 new students enter the new program in the fall of 2017. The transition to the new program is proceeding smoothly. We were fortunate to receive an additional $25,000 from the graduate school for PhD funding in the 2017-2018 school year during the biannual reallocation of graduate program funding.

- We had 7 Ph.D. students and 3 M.S. students earn their degrees over the past year. Brody graduate students contributed at least 25 first authored manuscripts and 18 national/international presentations from their research at the Brody School of Medicine. Notable awards won by Brody MS and PhD graduate students were: Association of Environmental Health Academic Programs (AEHAP) student research award, Society of Toxicology, Frank C. Lu Award, NC-Society of Toxicology, Best Student Platform Award, American Physiological Society, Poster of Distinction-GI and Liver Section.
Community Service

- On May 8, Brody School of Medicine students hosted Pirates vs. Cancer in partnership with the Vs. Cancer Foundation to raise money for children who are battling cancer. Students shaved their hair in solidarity with their patients or cut their hair for wig donations. The students earned more than $7,000 and split the funds between the James and Connie Maynard Children’s Hospital at Vidant and the national pediatric oncology research effort.

- On May 20, ECU’s Department of Dermatology held free skin cancer screenings at the Leo Jenkins Cancer Center. More than 50 people received free screenings, where doctors looked for basal, squamous and melanoma skin cancers.

- Ten ECU graduate students were named North Carolina Albert Schweitzer Fellows in June. Five students from the Brody School of Medicine and five students from the School of Dental Medicine comprise almost half of this year’s Schweitzer class. All Schweitzer Fellow projects are community service oriented and include programs such as providing no-cost prenatal and postpartum education to low-income mothers and no-cost dental treatment and primary care for homeless patients.

- The Brody School of Medicine’s chapter of the Student Medical Association received a regional award for extensive community service in 2016-2017. The group organized many service projects such as a weekly women’s health workshop and a children’s reading buddies program. In addition to their recurring programs, the group also played an active role in Hurricane Matthew relief.

Clinical Practice

- ECU Physicians had a bottom-line gain of $6.7 million in fiscal year 2017 (July 1, 2016 – June 30, 2017).

- ECU Physicians cash reserves at the end of June 30, 2017 were $58.3M or 133 days of cash on hand. The ECU Physicians Board encourages ECU Physicians to have 90 days of cash on hand at all times.