**OPEN SESSION**

1. Convene Meeting
2. Roll Call
3. Consent Agenda
   a. Approval of July 2015 Minutes (Regular Meeting) (Tab 1)
   b. Ratification of Mail Ballot dated August 21, 2015 (Tab 2)
   c. Ratification of Mail Ballot dated September 24, 2015 (Tab 3)
4. ACC Governing Board Certification
5. Chair’s Remarks
6. Student Body President’s Remarks
7. Chancellor’s Remarks
8. Biomedical Engineering: Bridging Traditional Academic and Research Boundaries - Nancy Allbritton, Professor and Chair of UNC/NCSU Joint Department of Biomedical Engineering
9. Innovation and Entrepreneurship - Judith Cone, Interim Vice Chancellor for Commercialization & Economic Development, and Special Assistant to the Chancellor for Innovation & Entrepreneurship
10. Report of the Commercialization & Economic Development Committee
11. Report of the External Relations Committee
12. Report of the Finance & Infrastructure Committee
13. Report of the University Affairs Committee

**CLOSED SESSION**

15. *Report of the University Affairs Committee
16. *Legal Advice

**OPEN SESSION**

17. Report of the External Relations Committee
18. Report of the University Affairs Committee
19. Adjournment

*Some of the business to be conducted is authorized by the N.C. Open Meetings Law to be conducted in closed session.*
The Board of Trustees met in regular session on Thursday, July 23, 2015 at Carolina Inn, Hill Ballroom. Chair Caudill convened the meeting at 8:00 a.m.

OATH OF OFFICE
Willis Whichard, Former Associate Justice of the North Carolina Supreme Court, administered the oath of office for our newly appointed and reappointed Trustees:
- W. Lowry Caudill
- Julia Sprunt Grumbles
- William A. Keyes IV
- Allie Ray McCullen
- William E. McMahan
- Hari H. Nath

ROLL CALL
Assistant Secretary Dwayne Pinkney called the roll and the following members were present:
- Dwight D. Stone
- Haywood D. Cochrane
- Charles G. Duckett
- Jefferson W. Brown
- W. Lowry Caudill
- Donald Williams Curtis
- Julia Sprunt Grumbles
- Kelly Matthews Hopkins
- William A. Keyes IV
- Allie Ray McCullen
- William E. McMahan
- Hari H. Nath
- Houston L. Summers

ELECTION OF OFFICERS
At the May 2015 meeting the following slate of officers were presented to the Board for action at the July meeting:
- Dwight D. Stone, Chair
- Haywood D. Cochrane, Vice Chair
- Charles G. Duckett, Secretary
- Dwayne L. Pinkney, Assistant Secretary

A motion was made by Trustee Brown to approve these officers; it was seconded by Trustee Curtis, and passed. Following the vote, the gavel was passed from Trustee Caudill to newly appointed Chair Stone.

Chair Stone called upon Secretary Duckett to read a resolution of appreciation for Trustee Caudill.

RESOLUTION OF APPRECIATION
W. LOWRY CAUDILL
THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
July 23, 2015

WHEREAS, Lowry Caudill has served as Chair of the Board of Trustees from July 1, 2013 through June 30, 2015, providing strong leadership, focused management, and exceptional counsel to all during that period; and,

WHEREAS, Lowry Caudill led the University’s transition from Chancellor Holden Thorp to Chancellor Carol Folt, and helped the University and Board navigate a period of complex
institutional challenges; and,

WHEREAS, Lowry Caudill articulated clear goals for the Board at the outset of his tenure and successfully accomplished them; these objectives were to strengthen the University’s relationships with external constituencies, guide a sustainable approach to Enterprise Risk Management, build on and communicate innovation and entrepreneurship activities, and above all, ensure a smooth and effective transition for Chancellor Folt and the new members of her senior leadership team; and,

WHEREAS, Lowry Caudill, through his interest in innovation and research support helped lay the foundation for Carolina’s reaching the highest echelons of research institutions nationwide, which occurred during his tenure as Chair; and

WHEREAS, Lowry Caudill determined that this Board of Trustees would take on the complex, controversial topic of race and place at Carolina, guiding the Board to seek a comprehensive approach; and,

WHEREAS, Lowry Caudill accomplished these efforts with humility, steadfastness, and teamwork;

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of the University of North Carolina at Chapel Hill deeply thanks Chair Lowry Caudill and expresses its great appreciation for his vision, leadership and devoted service to this Board, the University, and the state of North Carolina.

A motion was made by Chair Stone to adopt the resolution; it was duly seconded and passed.

Chair Stone read the following statement regarding the State Government Ethics Act:
“As Chair of the Board of Trustees, it is my responsibility to remind all members of the Board of their duty under the State Government Ethics Act to avoid conflicts of interest and appearances of conflict of interest as required by this Act. Each member has received the agenda and related information for this Board of Trustees’ meeting. If any Board member knows of any conflict of interest or appearance of conflict with respect to any matter coming before the Board of Trustees at this meeting, the conflict or appearance of conflict should be identified at this time.”

CONSENT AGENDA
Approval of Minutes and Mail Ballots
On motion of Chair Stone and duly seconded, the minutes of the meeting of May 28, 2015 were approved as distributed; as were the ratifications of the following mail ballots dated:
- June 5th - Approval to appoint Martin Brinkley as Dean of the UNC School of Law
- June 9th - Employment agreements for Coaches Jenny Levy, Brian Kalbas, and Harlis Meaders and a further amendment to the agreement with Coach Roy Williams
- June 23rd - Personnel actions, actions conferring tenure, and compensation actions.  
  (ATTACHMENT A)

CHAIR’S REMARKS
- Chair Stone began his remarks by welcoming the new trustees: Houston Summers, Ed McMahan, Bill Keyes, Julia Sprunt Grumbles, Hari Nath and Allie Ray McCullen.
- Welcomed Ann Maxwell who will be the new Board of Governors liaison.
- Remarked that he is honored and humbled to be elected as Chair of the Board. He believes that we have the best faculty, staff, students and leaders here at Carolina who
will help move the University forward.

- Thanked Trustee Caudill for his service as Chair for the past two years. He led the University through challenging times with skill and dignity. Chair Stone read a quote from Abraham Lincoln, "The best leaders never stop learning. They possess a special capacity to be taught by those they come in contact with. In essence this ongoing accumulation of knowledge helps to prepare the organization for change". He believes Trustee Caudill did this every day in leading our past Board.

- Chair Stone presented the four goals for the year:
  - Support Chancellor Folt and her senior leaders as they formulate and implement a new strategic plan for UNC
  - Tell our story – Carolina improves the lives of people across North Carolina, our nation and our world
  - Accelerate, measure and communicate the growth and economic impact of our innovation and entrepreneurship initiatives
  - Help Carolina become more efficient and effective in key operational areas particularly Finance, Administration, Teaching and Research

- Stated that this will be a working Board. This Board will build relationships, foster and nurture them, and work to make them grow. That work will be implemented with all whom this Board comes in contact with, especially the citizens of the State of North Carolina.

- Chair Stone continued saying that the Board will work with all to make the University better, more efficient, and more productive. They will also work with the BOG and the Legislature to realize that they are key constituency groups with whom the University needs clear communication about our mission.

- Chair Stone said that he expects this Board to be adaptable to the challenges affecting Universities and academic institutions across the country.

- In closing, Chair Stone challenged the Board to deal with all issues before them with strong conviction and integrity.

[A copy of these remarks is located in the Office of the Assistant Secretary and at bot.unc.edu.]

**STUDENT BODY PRESIDENT'S REMARKS**

- Student Body President Houston Summers began his remarks by saying how thankful he is to serve UNC as Student Body President.

- Thanked the Trustees for their hard work over the last several months, and welcomed the new Trustees to the Board.

- Discussed some things already being planned for the school year including:
  - Alcohol awareness events
  - Philanthropic opportunities
  - And other important discussions regarding race and place

- Trustee Summers closed by saying he looks forward to students returning to campus and the work they will accomplish this year. He will provide a more detailed update at the September meeting.

[A copy of these remarks is located in the Office of the Assistant Secretary and at bot.unc.edu.]

**CHANCELLOR'S REMARKS**

- Chancellor Folt began her remarks by welcoming the new members of the Board, and expressing excitement to work with them in the coming years.

- Chancellor Folt stated how important the summer is for those working at the University. This is a time for administrators to plan and prepare new ideas for the coming year.

- Thanked Trustee Caudill for his steadfast leadership over the last two years as chair.
She also indicated that she is excited to work with Chair Stone.

- Remarked on a strategic planning announcement to take place on University Day, October 12, 2015.
- Yesterday, the Board heard from two important groups – the Ethics and Integrity and Policy and Procedure Audit Working Groups. These two groups reinforce the University’s commitment to transparency, efficiency, and integrity.
- Chancellor Folt then introduced the new Dean of the UNC School of Law Martin Brinkley.
- Acknowledged the passing of former Chancellor William Aycock.
- Chancellor Folt then spoke on the Charleston shootings and how these tragedies bring communities together. She also spoke on the families of Deah, Yusor and Rasan.
- Remarked there will be discussions all year around race and place at UNC, as well as on education curation.
- Mentioned some other accomplishments that have taken place this summer:
  - UNC-Chapel Hill launched a new Coastal Resilience Center of Excellence (CRC) that was made possible through a 5-year, $20M grant from the Department of Homeland Security (DHS) Science and Technology Directorate.
    - This initiative will include collaboration with more than a dozen partner universities.
  - Received results Lineberger five-year NCI review.
    - They received the descriptor of “Exceptional to Outstanding”.
  - Yesterday, we heard that this year was the best in University history for fundraising. There will be more to come with that in the near future.
  - This year was the 10th consecutive record year for applications at just under 32,000 received.
    - Chancellor Folt stated that she looks forward to working with Student Body President Houston Summers’ cabinet.
    - There were 4,082 student enrolled from 97 counties in North Carolina, 45 states, and 20 countries.
    - Chancellor Folt thanked Steve Farmer and Shirley Ort for their outstanding work in Admissions and Scholarships and Student Aid, respectively.
- Chancellor Folt announced that she will be attending a rare and historic physics conference, coordinated by UNC Professor Laura Mersini-Houghton, next month.
- During this conference, she will be introducing Stephen Hawking who will be giving a public lecture on black holes.
- Mentioned that we are on track to meet the NCAA’s deadline for the Notice of Allegations on August 18th.
- Recently, Chancellor Folt and Provost Dean visited with Belle Wheelan to discuss the SACSCOC letter and to reiterate our full cooperation in providing any information the commission needs during its review. She then emphasized the commitment to doing whatever it takes to get this right.
- Chancellor Folt ended by introducing the presenters.

[A copy of these remarks is located in the Office of the Assistant Secretary and at bot.unc.edu.]

**NC TRACS INSTITUTE**

Chancellor Carol Folt introduced John Buse, Director and Co-Principal Investigator of the North Carolina Translational and Clinical Sciences Institute (NC TraCS). NC TraCS was formed to house the UNC Clinical and Translational Science Award (CTSA) funded by the NIH in 2008 and renewed in 2013. The NIH’s current five-year award is nearly $55M; matched 1:1 by institutional resources. There are approximately 300 faculty and staff who are in some way
supported by NC TraCS. In 2013, NC TraCS became partners with RTI International and NC A&T University. NC TraCS also has strong collaborations with Duke University, NC State University, the State of North Carolina and the CTSA Consortium. Dr. Buse then introduced Angela B. Smith, MD, MS who is a KL2 Scholar through NC TraCS to speak on how NC TraCS has helped to advance her career. Dr. Smith’s research focuses on patient-centered outcomes, risk stratification, and quality of care for invasive bladder cancer. Following their presentation, Dr. Buse and Dr. Smith entertained questions from the Board. This presentation can be found on bot.unc.edu and on file in the Office of the Assistant Secretary.

**CAROLINA HEALTH INFORMATICS PROGRAM**

Chancellor Folt introduced Javed Mostafa, Director of the Carolina Health Informatics Program (CHIP). CHIP is an interdisciplinary research and training program that fulfills Carolina’s commitment to improving human health through health informatics research, data sharing, development and education. There are currently eight academic units on campus collaborating to support and run CHIP including the Schools of Nursing, Dentistry, Medicine, Information and Library Science; the Eshelman School of Pharmacy; Gillings School of Global Public Health; the Health Sciences Library; and Department of Computer Science. Dr. Mostafa gave a timeline on the progress of CHIP since its inception in 2009. Since then they have begun offering graduate certificates in clinical, nursing, and public health informatics as well as a Masters in Professional Science (MPS) in Biomedical and Health Informatics that was launched in fall of 2014. Dr. Mostafa indicated that there are plans for a PhD in Health Informatics for launch in 2016. He then introduced Dr. Arlene Chung, Dr. Stacie Dusetzina, and Dr. Tim Carney who all discussed how CHIP has helped them to advance their research. The Board also heard from three students: Andrew Novokhatny, Vincent Carrasco, and Fei Yu who are currently enrolled in Carolina Health Informatics programs. Following the presentation, the presenters entertained questions from the Board. This presentation can be found on bot.unc.edu and on file in the Office of the Assistant Secretary.

**REPORT OF THE EXTERNAL RELATIONS COMMITTEE**

Trustee Hopkins presented a review of the External Relations Committee meeting. There was one action item for this Committee in open session. The committee approved Mr. Sandy Cockrell as Vice Chair of the Board of Visitors for the 2015-2016 year. A motion was made from committee to approve; it was seconded by Vice Chair Cochrane and passed.

The committee heard the annual Board of Visitors update given by Shelyane Sutton, Membership Involvement Committee Chair. A communications update was given by Joel Curran, Vice Chancellor for Communications and Public Affairs, and the development report was given by David Routh, Vice Chancellor for University Development (ATTACHMENT B). A full review of the committee meeting may be found in the committee minutes in the Office of the Assistant Secretary, and at bot.unc.edu.

**REPORT OF THE FINANCE & INFRASTRUCTURE COMMITTEE**

Vice Chair Cochrane presented the report from the Finance and Infrastructure Committee. The following items were approved as part of the consent agenda:

- Approval of Allocations from the Endowment’s Distribution for the Investment Fund:
  - Annually the Chapel Hill Investment Fund authorizes a distribution to its participating investors, including the Endowment Fund. Attachment A is a table showing the proposed June 30, 2015 transfer of that distribution from the Endowment to the University, by category, for expenditure during the 2015-2016 fiscal year as well as a page of explanatory notes. Regulations adopted by the Board of Governors require that the Trustees approve any transfer of Endowment principal or income to the useful possession of the institution. The Board of Trustees of the Endowment Fund approved, by mail ballot, the
proposed June 30, 2015 transfer for University expenditure during the 2015-2016 fiscal year.

(ATTACHMENT C)

- Annual Audit Certification Letter Process:
  - Phyllis Petree, Director of Internal Audit, presented the Annual Audit Certification Letter to the committee for approval and signature. The letter is required by General Administration to certify that the Committee met its responsibilities such as:
    - Reviewing audit reports issued by the Office of the State Auditor and corrective action plans for any findings in these reports;
    - At least quarterly, meeting and receiving a report from the Director of Internal Audit;
    - Reviewing and approving the annual internal audit plan and a comparison of planned to completed audits; and
    - Reviewing all audits and management letters of University Associated Entities.

(ATTACHMENT D)

- Designer Selections:
  - Joan H. Gillings Auditorium
    This project will improve the overall quality of the space, add advanced technology and install fixed seats in an existing 270 seat auditorium in Rosenau Hall. The project budget is $2,400,000 and will be funded by University funds.

This project was advertised on April 30, 2015. Fifteen letters of interest were received. Five firms were interviewed on June 16, 2015. Members of the Board of Trustees did not participate in the interviews. The committee recommended the selection of the three firms in the following priority order:
1. BHDP Architecture Raleigh, NC
2. Vines Architecture Raleigh, NC
3. Little Diversified Durham, NC

The firms were selected for their past performance on similar projects, strength of their consultant team and knowledge and experience with campus projects.

(ATTACHMENT E)

- Carolina Performing Arts at Carolina Square
  This project will provide new performance and rehearsal space of approximately 8,400 square foot of leased space for the Carolina Performing Arts at the 123 West Franklin Street mixed use development. The project budget is $4,000,000 and will be funded by University funds.

This project was advertised on May 27, 2015. Twelve letters of interest were received. Five firms were interviewed on July 10, 2015. Members of the Board of Trustees did not participate in the interviews. The committee recommended the selection of the three firms in the following priority order:
1. Lord Aeck Sargent Chapel Hill, NC
2. Flad Architects Raleigh, NC
3. RND Architects Durham, NC

The firms were selected for their past performance on similar projects, strength of their consultant team and experience with campus projects.
McGavran Greenberg DLAM Facility Improvements
This project will replace the existing bulk autoclave and install new isolation cubicles for the Division of Laboratory Animal Medicine in the McGavran-Greenberg Building. The project budget is $1,949,968 and will be funded by a NIH grant and University funds.

This project was advertised on May 26, 2015. Three proposals were received. Three firms were interviewed on July 7, 2015. Members of the Board of Trustees did not participate in the interviews. The committee recommended the selection of the three firms in the following priority order:
1. Wagner Architecture New Hill, NC
2. BHDP Raleigh, NC
3. CRB Cary, NC

The firms were selected for their past performance on similar projects, strength of their consultant team and experience with campus projects.

Hooker Field Improvements
This project will replace the existing synthetic turf field and lights with new synthetic turf and high-efficiency lighting system. The field will be reconfigured to provide regulation-size playing fields and to provide improved playing area for the Campus Recreation program. The Project budget is $1,991,000 with funding from UNC Campus Recreation through student fees.

This project was advertised on June 15, 2015. Seven proposals were received. Three firms were interviewed on July 15, 2015. Members of the Board of Trustees did not participate in the interviews. The committee recommended the selection of the three firms in the following priority order:
1. The John R. McAdams Co. Durham, NC
2. CHA Sports Raleigh, NC
3. ColeJenest & Stone, P.A. Raleigh, NC

The firms were selected for their past performance on similar projects, strength of their consultant team and experience with campus projects.
• Financial Update given by Matt Fajack, Vice Chancellor for Finance and Administration (ATTACHMENT K)
• Century Bonds Presentation given by Brian Smith, Assistant Vice Chancellor for Finance and Accounting; and Matt Fajack, Vice Chancellor for Finance and Administration (ATTACHMENT L)

A full review of the committee meeting may be found in the committee minutes in the Office of the Assistant Secretary, and at bot.unc.edu.

REPORT FROM THE COMMERCIALIZATION & ECONOMIC DEVELOPMENT COMMITTEE
Trustee Caudill presented the report from the first meeting of the Commercialization and Economic Development Committee. There were no action items for this committee in open session. Trustee Caudill shared that the committee noted that earlier in June, Carolina received the 2015 Entrepreneurial University Award for excellence in student engagement and curriculum innovation from the Deshpande Foundation in Boston. In addition, Judith Cone, Interim Vice Chancellor for Commercialization and Economic Development and Special Assistant to the Chancellor for Innovation and Entrepreneurship received the Outstanding Contributions to Entrepreneurship and Innovation in Higher Education Award. The committee then heard presentations from Ms. Cone on the state on Innovation and Entrepreneurship (ATTACHMENTS M-N), and Commercialization and Economic Development; and a report on the state of Research at Carolina given by Vice Chancellor for Research Barbara Entwisle.

Trustee Caudill went on to give the three goals adopted by the committee for the year:
1. Assist Judith Cone in the build out of the Commercialization and Economic Development unit
2. Assist with the design of the new roadmap for Innovation, Entrepreneurship, Commercialization and Economic Development
3. Tell our story and build linkages to key constituencies
(ATTACHMENTS O-Q)

A full review of the committee meeting may be found in the committee minutes in the Office of the Assistant Secretary, and at bot.unc.edu.

REPORT OF THE UNIVERSITY AFFAIRS COMMITTEE
Secretary Duckett presented the report from the University Affairs Committee. There were no action items for this committee in open session. Secretary Duckett continued to present the items provided for information:
• Faculty Update given by Bruce Cairns, Chair of the Faculty
• Admissions Update given by Steve Farmer, Vice Provost for Enrollment and Undergraduate Admissions
• Campus Update given by Winston Crisp, Vice Chancellor for Student Affairs
• Updates from the Ethics and Integrity and Policy and Procedure Audit Working Groups given by Jean Elia, Associate Provost for Strategy and Special Projects; Norma Houston, Coates Distinguished Term Professor at the UNC School of Government; and Todd Nicolet, Associate Dean for Operations at the UNC School of Government
• Recognition of Judith Cone on her recent award
• Overview of Academics at Carolina given by Jim Dean, Executive Vice Chancellor and Provost

A full review of the committee meeting may be found in the committee minutes in the Office of the Assistant Secretary, and at bot.unc.edu.
MOTION TO CONVENE IN CLOSED SESSION
On motion of Secretary Duckett, and duly seconded, the Board voted to convene in closed session pursuant to North Carolina General Statutes Section 143-318.11 (a) (1) (to prevent the disclosure of privileged information under Section 126-22 and the following); and also pursuant to Section 143-318.11 (a) (2), (3), (5), and (6).

RECONVENE MEETING IN OPEN SESSION
Chair Stone reconvened the meeting in open session.

OPEN SESSION

REPORT OF THE UNIVERSITY AFFAIRS COMMITTEE
Secretary Duckett referred the members to the personnel matters submitted for review. A motion to approve the actions was made; it was duly seconded, and passed. Chair Stone stated that the personnel and salary actions voted on in open session had been distributed.

(ATTACHMENT R)

ADJOURNMENT
There being no further business to come before the Board, Chair Stone adjourned the meeting at 12:34 p.m.

_____________________________________________
Dwayne Pinkney, Assistant Secretary
MEMORANDUM

TO: Members of the Board of Trustees

FROM: Carol L. Folt

RE: Mail Ballot

DATE: August 21, 2015

You have authorized my office to poll you by mail concerning personnel matters which require attention by the Board. Accordingly, we are transmitting to you herewith personnel actions as follows:

- EPA Faculty Compensation & Tenure Actions Attachment A
- EPA Non-Faculty Compensation Actions Attachment B

Please mark and return the enclosed mail ballot indicating whether or not you agree with the actions proposed. Thank you.
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<th>No.</th>
<th>College/Division</th>
<th>Name</th>
<th>Dept./School</th>
<th>Current Rank</th>
<th>New Rank</th>
<th>Tenure Request Reason</th>
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<td>Department/Division</td>
<td>Rank</td>
<td>Requested Increase Amount **</td>
<td>Percent of Increase **</td>
<td>June 30 Salary</td>
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</tr>
<tr>
<td>1</td>
<td>Health Affairs</td>
<td>Katie Brady</td>
<td>Medicine</td>
<td>Psychiatry-Gen.</td>
<td>Clinical Instructor</td>
<td>Increase due to being appointed to a full-time, permanent Clinical Instructor role via an external competitive event</td>
<td>$8,000</td>
<td>17.78%</td>
</tr>
<tr>
<td>2</td>
<td>Academic Affairs</td>
<td>Greg Brown</td>
<td>Business</td>
<td>-</td>
<td>Professor</td>
<td>Increase due to secondary appointment as Executive Director of the Frank Hawkins Kenan Institute of Private Enterprise</td>
<td>$45,000</td>
<td>16.30%</td>
</tr>
<tr>
<td>3</td>
<td>Health Affairs</td>
<td>Marcella Bayton</td>
<td>Public Health</td>
<td>Health Behavior</td>
<td>Spokesperson</td>
<td>Increase due to new faculty role as Research Assistant Professor</td>
<td>$7,680</td>
<td>9.99%</td>
</tr>
<tr>
<td>4</td>
<td>Academic Affairs</td>
<td>Ken Jagger</td>
<td>Arts and Sciences</td>
<td>Public Policy</td>
<td>Assistant Professor</td>
<td>Increase due to promotion to Assistant Professor</td>
<td>$13,400</td>
<td>16.69%</td>
</tr>
<tr>
<td>5</td>
<td>Academic Affairs</td>
<td>Jeffry Johnson</td>
<td>Arts and Sciences</td>
<td>Chemistry</td>
<td>Disbursed Professor</td>
<td>Increase due to retention, on a counteroffer to an offer Professor Johnson received from the University of Texas</td>
<td>$30,000</td>
<td>12.00%</td>
</tr>
<tr>
<td>6</td>
<td>Health Affairs</td>
<td>James Kraszewski</td>
<td>Medicine</td>
<td>Anesthesiology-Gen.</td>
<td>Clinical Instructor/Regional Fellow</td>
<td>Increase due to new faculty role as Clinical Assistant Professor</td>
<td>$92,770</td>
<td>70.61%</td>
</tr>
<tr>
<td>7</td>
<td>Health Affairs</td>
<td>T William Lemon</td>
<td>Arts and Sciences</td>
<td>City and Regional Planning</td>
<td>Assistant Professor</td>
<td>Increase due to secondary appointment as Chair of the Curriculum Committee in City and Regional Planning</td>
<td>$12,100</td>
<td>15.34%</td>
</tr>
<tr>
<td>8</td>
<td>Academic Affairs</td>
<td>Louise McKeown</td>
<td>Arts and Sciences</td>
<td>History</td>
<td>Professor</td>
<td>Increase due to new appointment as Benjamin Professor</td>
<td>$15,000</td>
<td>11.19%</td>
</tr>
<tr>
<td>9</td>
<td>Health Affairs</td>
<td>Joanna Myassay</td>
<td>Medicine</td>
<td>TEACH</td>
<td>Post Doc</td>
<td>Increase due to new faculty role as Clinical Assistant Professor</td>
<td>$20,132</td>
<td>23.03%</td>
</tr>
<tr>
<td>10</td>
<td>Academic Affairs</td>
<td>Enrique Nalbant</td>
<td>Arts and Sciences</td>
<td>Psychology and Neurosciences</td>
<td>Associate Professor</td>
<td>Increase due to retention, as a counteroffer to an offer Professor Nalbant received from Penn State</td>
<td>$20,000</td>
<td>23.03%</td>
</tr>
<tr>
<td>11</td>
<td>Academic Affairs</td>
<td>Ram Neta</td>
<td>Arts and Sciences</td>
<td>Philosophy</td>
<td>Professor</td>
<td>Increase due to new appointment as Clinical Instructor</td>
<td>$40,000</td>
<td>37.38%</td>
</tr>
<tr>
<td>12</td>
<td>Academic Affairs</td>
<td>David Nowicz</td>
<td>Arts and Sciences</td>
<td>Chemistry</td>
<td>Assistant Professor</td>
<td>Increase due to new faculty appointment as Associate Professor</td>
<td>$16,384</td>
<td>10.61%</td>
</tr>
<tr>
<td>13</td>
<td>Academic Affairs</td>
<td>David Nowicz</td>
<td>Arts and Sciences</td>
<td>Chemistry</td>
<td>Associate Professor</td>
<td>Increase due to secondary appointment as Director of Graduate Studies</td>
<td>$22,381</td>
<td>26.80%</td>
</tr>
<tr>
<td>14</td>
<td>Health Affairs</td>
<td>Brian Pfanstiehl</td>
<td>Medicine</td>
<td>Radiology-Chest</td>
<td>Clinical Fellow</td>
<td>Increase due to new faculty appointment as Clinical Assistant Professor</td>
<td>$12,000</td>
<td>15.16%</td>
</tr>
<tr>
<td>15</td>
<td>Academic Affairs</td>
<td>Samantha Ptasden</td>
<td>Pharmacy</td>
<td>Chemical Biology and Medicinal Chemistry</td>
<td>Post Doc Research Associate</td>
<td>Increase due to new faculty appointment as Research Assistant Professor</td>
<td>$10,700</td>
<td>44.67%</td>
</tr>
<tr>
<td>16</td>
<td>Academic Affairs</td>
<td>Benjamin Redmon</td>
<td>Medicine</td>
<td>Anesthesiology-Gen.</td>
<td>Clinical Instructor/Regional Fellow</td>
<td>Increase due to new appointment as Clinical Assistant Professor</td>
<td>$92,770</td>
<td>70.61%</td>
</tr>
<tr>
<td>17</td>
<td>Academic Affairs</td>
<td>Dan Reichen</td>
<td>Business</td>
<td>N/A</td>
<td>Graduate Teaching Assistant</td>
<td>Increase due to new faculty role as Lecturer</td>
<td>$45,000</td>
<td>44.67%</td>
</tr>
<tr>
<td>18</td>
<td>Health Affairs</td>
<td>Jay Schoenher</td>
<td>Medicine</td>
<td>Anesthesiology-Gen.</td>
<td>Clinical Instructor/Regional Fellow</td>
<td>Increase due to new appointment as Clinical Assistant Professor</td>
<td>$92,520</td>
<td>70.42%</td>
</tr>
<tr>
<td>19</td>
<td>Health Affairs</td>
<td>Natalia Soniello-Sorbara</td>
<td>Medicine</td>
<td>Medicine-Inf. Diseases</td>
<td>Post Doc Research Associate</td>
<td>Increase due to new faculty role as Research Instructor</td>
<td>$12,200</td>
<td>25.52%</td>
</tr>
<tr>
<td>20</td>
<td>Health Affairs</td>
<td>Daniel Stebb</td>
<td>Pharmacy</td>
<td>Practice Advancement and Clinical Education</td>
<td>Post Doc Research Associate</td>
<td>Increase due to new faculty role as Clinical Assistant Professor</td>
<td>$70,000</td>
<td>15.56%</td>
</tr>
<tr>
<td>21</td>
<td>Health Affairs</td>
<td>Mike Stog</td>
<td>Medicine</td>
<td>Infectious Diseases</td>
<td>Clinical Fellow</td>
<td>Increase due to new faculty role as Clinical Assistant Professor</td>
<td>$42,008</td>
<td>69.99%</td>
</tr>
<tr>
<td>22</td>
<td>Health Affairs</td>
<td>Jason Sumner</td>
<td>Public Health</td>
<td>Environmental Science and Engineering</td>
<td>Assistant Professor</td>
<td>Increase due to receiving tenure</td>
<td>$10,700</td>
<td>11.56%</td>
</tr>
<tr>
<td>23</td>
<td>Academic Affairs</td>
<td>Ryan Thornburg</td>
<td>Communication and Journalism</td>
<td>N/A</td>
<td>Associate Professor</td>
<td>Increase due to the University of the University of Southern California, increase also based on being recipient of Rosefield Funds Professorship</td>
<td>$13,500</td>
<td>15.00%</td>
</tr>
<tr>
<td>24</td>
<td>Academic Affairs</td>
<td>William Weld</td>
<td>Business</td>
<td>N/A</td>
<td>Clinical Assistant Professor</td>
<td>Increase due to secondary appointment as Finance Career Coordinator</td>
<td>$40,000</td>
<td>39.22%</td>
</tr>
<tr>
<td>25</td>
<td>Health Affairs</td>
<td>Suungu Wu</td>
<td>Medicine</td>
<td>Radiology-Research</td>
<td>Research Assistant Professor</td>
<td>Increase due to new faculty appointment as Clinical Assistant Professor</td>
<td>$25,000</td>
<td>45.49%</td>
</tr>
<tr>
<td>26</td>
<td>Academic Affairs</td>
<td>Perry Yang</td>
<td>Arts and Sciences</td>
<td>Sociology</td>
<td>Associate Professor</td>
<td>Increase due to promotion to Professor</td>
<td>$45,000</td>
<td>16.36%</td>
</tr>
<tr>
<td>No</td>
<td>Last Name</td>
<td>First Name</td>
<td>College/Division</td>
<td>Department/School</td>
<td>Rank/Title</td>
<td>June 30 Salary</td>
<td>Proposed Salary</td>
<td>Requested Increase $</td>
</tr>
<tr>
<td>----</td>
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</tr>
<tr>
<td>1</td>
<td>Sadgrove</td>
<td>Matthew</td>
<td>Pharmacy</td>
<td>Molecular Pharmaceuticals</td>
<td>Senior Scientist</td>
<td>$69,000</td>
<td>$94,100</td>
<td>$25,100</td>
</tr>
<tr>
<td>2</td>
<td>Lotstein</td>
<td>Richard</td>
<td>Medicine</td>
<td>Thurston Arthritis Research Center</td>
<td>Associate Director</td>
<td>$101,800</td>
<td>$121,800</td>
<td>$20,000</td>
</tr>
</tbody>
</table>
This request is being submitted at this time as a result of a self-audit, for the extension of a temporary supplement for additional duties in the amount of $13,500 through December of 2016. The temporary increase was originally approved by the Board of Governors in December 2013, for a one-year period and with an option to extend if duties continue. The Multidisciplinary Clinical Research Center (MCRC) was awarded a $5M grant. As a result of the grant temporary duties will continue to include leadership responsibilities such as planning advanced workshops to identify core competencies, serving on an executive committee overseeing the goals of MCRC, and developing curricula for the MCRC. At which time these projects are completed, the salary will revert.

<table>
<thead>
<tr>
<th>No</th>
<th>Last Name</th>
<th>First Name</th>
<th>College/Division</th>
<th>Department/School</th>
<th>Rank/Title</th>
<th>June 30 Salary</th>
<th>Proposed Salary</th>
<th>Requested Increase $</th>
<th>Requested Increase %</th>
<th>Effective Date</th>
<th>Justification</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Patterson</td>
<td>Carol</td>
<td>Medicine</td>
<td>Thurston Arthritis Research Center</td>
<td>Research Associate</td>
<td>$68,959</td>
<td>$82,459</td>
<td>$13,500</td>
<td>19.58</td>
<td>7/1/2015</td>
<td>This request is being submitted at this time as a result of a self-audit, for the extension of a temporary supplement for additional duties in the amount of $13,500 through December of 2016. The temporary increase was originally approved by the Board of Governors in December 2013, for a one-year period and with an option to extend if duties continue. The Multidisciplinary Clinical Research Center (MCRC) was awarded a $5M grant. As a result of the grant temporary duties will continue to include leadership responsibilities such as planning advanced workshops to identify core competencies, serving on an executive committee overseeing the goals of MCRC, and developing curricula for the MCRC. At which time these projects are completed, the salary will revert.</td>
</tr>
<tr>
<td></td>
<td>Name</td>
<td>Department</td>
<td>School</td>
<td>Position</td>
<td>Current Salary</td>
<td>New Salary</td>
<td>Increase</td>
<td>Date</td>
<td></td>
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<tr>
<td>1</td>
<td>Braswell Margaret Kenan-Flagler Business School</td>
<td>Kenan-Flagler Business School</td>
<td>Assistant Director of Development</td>
<td>$48,446</td>
<td>$59,200</td>
<td>$10,754</td>
<td>22.20</td>
<td>08/01/15</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

This is a promotion resulting from an open, competitive, external recruitment in which there were 50 applicants, and 11 candidates were interviewed. In the current position (Administrative Support Specialist - Advanced), the duties include providing calendaring and other administrative support for two Associate Deans. In the new role (Assistant Director of Development), the duties will include identifying and expanding the School’s donor prospects through initial visits, prospect qualification, cultivation, and solicitation, in addition to executing a comprehensive development program and fundraising campaign as a member of the Development team. The requested salary is commensurate with other, similarly situated employees (who have an average salary of $59,200), results in a market index of 77%, and creates no equity issues. The employee meets the education and experience requirements for this classification with a Master’s degree and two years of related experience at a previous employer.

| 2 | Lyon Keala School of Medicine Medical Foundation | Medical Foundation | Associate Director | $70,125 | $80,000 | $9,875 | 14.08 | 08/01/15 |

This is a promotion resulting from an open, competitive, external recruitment in which there were eight applicants, and two candidates were interviewed. In the current position (Assistant Director), the duties include identifying and soliciting donations, executing development programs for the Medical Foundation, managing day-to-day operations of fundraising events, and managing event budgets. In the new role (Associate Director), the duties will include cultivating, soliciting, and stewarding prospects at the major-gift level of $25,000 or more; creating strategic development plans; serving as a senior member of the NC Children’s Promise staff; and contributing to preparations for the next University-wide fundraising and development campaign. There are no comparable positions within the work unit. The requested salary results in a market index of 83%. The employee meets the education and experience requirements for this classification with a Bachelor’s degree in Public Relations and 12 years of related experience.
<table>
<thead>
<tr>
<th>#</th>
<th>Name</th>
<th>Title/Position</th>
<th>Department/Center</th>
<th>Salary</th>
<th>Duties and Responsibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Schmidt</td>
<td>Assistant Vice Chancellor</td>
<td>Information Technology Services</td>
<td>$171,738</td>
<td>Serving as the primary contact for IT enterprise infrastructure and operations at the University; collaborating with IT leaders throughout campus to understand campus IT needs. The requested salary is commensurate with other, similarly situated employees (who have an average salary of $200,333), and creates no equity issues. The employee meets the education and experience requirements for this classification with a Master’s degree in Computer Science and 34 years of related experience.</td>
</tr>
<tr>
<td>4</td>
<td>Thrower</td>
<td>Research Scientist</td>
<td>Lineberger Cancer Center</td>
<td>$36,000</td>
<td>Serving as a liaison between external teams and the UNC team; disseminating project information as it relates to sponsor project reports; and contributing to manuscripts for peer-review publication and oral presentation. There are no comparable positions within the work unit. The requested salary results in a market index of 79%. The employee meets the education and experience requirements for this classification with a Bachelor’s degree and 30 years of related experience.</td>
</tr>
<tr>
<td>No.</td>
<td>Name 1</td>
<td>Name 2</td>
<td>Department/Unit</td>
<td>Position</td>
<td>Current Salary</td>
</tr>
<tr>
<td>-----</td>
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</tr>
<tr>
<td>5</td>
<td>West</td>
<td>John</td>
<td>School of Medicine Lineberger Cancer Center</td>
<td>Research Associate</td>
<td>$48,320</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Seow</td>
<td>Susin</td>
<td>Carolina Performing Arts</td>
<td>Director of Development Carolina Performing Arts</td>
<td>$90,000</td>
</tr>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No.</td>
<td>Name</td>
<td>Position</td>
<td>Department</td>
<td>Salary</td>
<td>Market Index</td>
</tr>
<tr>
<td>-----</td>
<td>------------</td>
<td>-----------------------------------------------</td>
<td>-----------------------------------</td>
<td>---------------</td>
<td>--------------</td>
</tr>
<tr>
<td>7</td>
<td>Williams</td>
<td>Christopher J.</td>
<td>Student Affairs</td>
<td>$78,851</td>
<td>$110,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Student Affairs Information Technology</td>
<td>Student Affairs IT Director - EPA-NF</td>
<td></td>
<td></td>
</tr>
<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Ferrari</td>
<td>Joshua</td>
<td>Vice Chancellor for Student Affairs</td>
<td>$32,371</td>
<td>$46,500</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Office of Student Conduct</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Coordinator of Student Conduct (EPA-NF)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Gomez</td>
<td>Emily</td>
<td>Vice Chancellor for Student Affairs</td>
<td>$41,000</td>
<td>$46,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Career Services/CHOP - McNair Scholars</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Assistant Director, McNair Scholars Program</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This is a promotion resulting from an open, competitive, external recruitment in which there were 27 applicants, and seven candidates were interviewed. In the current, SPA position (IT Manager - Journey), the duties include directing all aspects of UNC-CH ResNET (Residential Networking, Education, and Technology), including IT strategy and operations, marketing, staff management, customer services, and the IT infrastructure. In the new, EPA Non-Faculty role (Student Affairs IT Director - EPA-NF), the duties will include serving as the Director of Information Technology for the 16 departments in Student Affairs (including Housing and Residential Education). There are no comparable positions within the work unit. The requested salary results in a market index of 84%. The employee meets the education and experience requirements for this classification with a Bachelor's Degree in Mathematics and 15 years of related experience.

This is a promotion resulting from an open, competitive, external recruitment in which there were 49 applicants, and 14 candidates were interviewed. In the current position (Student Housing Community Director), the duties include developing and coordinating residential communities of approximately 400-1,000 students; overseeing facilities operations, budgets, student conduct, and crisis management; training and supervising 20-50 staff members; and advising a community government. In the new role (Coordinator of Student Conduct), the duties will include serving as the primary hearing officer for violations of the campus's alcohol policy; providing counsel and guidance to students regarding case outcomes, sanctions, and rights of appeal; directing the implementation of disciplinary actions and sanctions; developing educational and promotional materials designed to increase campus awareness of the Honor Code and campus alcohol policy; maintaining accurate, complete disciplinary records; and providing accurate, timely information to officials for state and federal reporting purposes. There are no comparable positions within the work unit. The employee meets the education and experience requirements for this classification with a Master's degree and four years of related experience.

This is a promotion resulting from an open, competitive, external recruitment in which there were 187 applicants, and nine candidates were interviewed. In the current position (Career Counselor), the duties include course evaluation, individual counseling, and workshop implementation. In the new role (Assistant Director, McNair Scholars Program), the duties will include teaching and individual counseling for two cohorts of McNair Scholars, event and workshop planning, program development, and recruiting students to the McNair Program. There are no comparable positions within the work unit. The requested salary results in a market index of 99%. The employee meets the education and experience requirements for this classification with a Master's degree in Counseling and four years and five months of related experience.
<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Current Position</th>
<th>New Position</th>
<th>Salary Increase</th>
<th>Equity</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quay, Jacqueline</td>
<td>Vice Chancellor for Commercialization &amp; Economic Development</td>
<td>Director, Licensing and Innovation Support</td>
<td>Director, Licensing and Innovation Support</td>
<td>$156,761</td>
<td>$190,000</td>
<td>7/20/15</td>
</tr>
</tbody>
</table>

This is a promotion resulting from an open, competitive, external recruitment in which there were seven applicants, and three candidates were interviewed. In the current position (Senior Licensing Associate, Office of Technology Transfer), the duties include assessing licensing activities for the University’s cancer-related technologies, facilitating patent filings to protect promising technologies, marketing oncological and other technologies to potential industry partners, and negotiating and drafting license agreements. In the new role (Director, Licensing and Innovation Support), the duties will include providing oversight of the unit’s administrative and business functions; leading a team of legal and operations experts that supports the process of commercializing UNC-Chapel Hill’s technologies; serving as a core team member on each commercialization project; overseeing a patent-management fund, seed funding, and grants for faculty innovations; and providing oversight of University Intellectual Property protection and prosecution. The requested salary is commensurate with another similarly situated employee (who has a salary of $200,000), and creates no equity issues. The employee meets the education and experience requirements for this classification with a Juris Doctorate and 11 years of related experience.
Chancellor Carol Folt submits for your review and approval the EPA Faculty personnel and EPA Non-Faculty salary and compensation actions as recommended for August 2015. This mail ballot will be approved as part of the consent agenda at the Full Board meeting on Thursday, October 1, 2015.

The undersigned votes as follows with recommendation to these proposed actions as presented by the Chancellor.

<table>
<thead>
<tr>
<th>Approve</th>
<th>Disapprove</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

EPA Faculty Salary Increases and Tenure Promotions (Attachment A)

EPA Non-Faculty Compensation Actions (Attachment B)

Signature_____________________________________________________

Printed Name_________________________________________________

Date_________________________________________________________

Please fax to TJ Scott at (919) 962-1647 or email at tj_scott@unc.edu

This mail ballot was approved by majority vote on August 26, 2015 by the following Trustees: Dwight Stone, Haywood Cochrane, Chuck Duckett, Lowry Caudill, Jeff Brown, Julia Grumbles, Kelly Hopkins, Bill Keyes, Allie Ray McCullen, Ed McMahan, Hari Nath, and Houston Summers.
TO: Members of the Board of Trustees

FROM: Carol L. Folt

RE: Mail Ballot

DATE: September 24, 2015

I write to request your vote by mail ballot on the following:

**Endowment Fund:** North Carolina General Statute 116-36 and Board of Governors’ regulations require that the Board of Trustees elect the membership of the Endowment Board of Trustees. There are two (2) vacancies. Attached is a chart showing the names and terms of the current Endowment Trustees. The nominees for each vacancy are shown in bold on the chart.

**The University of North Carolina at Chapel Hill Foundation, Inc. (Foundation):** The Bylaws of the Foundation provide that the Board of Trustees shall elect two directors from the membership of the Board of Trustees and three directors from the membership of the Endowment Trustees. There are two (2) vacancies in the Board of Trustees category of directors and two (2) vacancies in the Endowment category of directors. A chart showing the current directors, all of the proposed directors (in bold), and the method of selection of each director is attached. The election of the directors in category II is not part of this mail ballot.

I recommend election of the proposed nominees.

cc: Matthew Fajack
    David Routh
    Jonathon King
THE BOARD OF TRUSTEES OF THE ENDOWMENT FUND OF THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

MEMBERSHIP – MINIMUM 6; MAXIMUM 9
(three year term)*

MEMBERS ELECTED BY BOARD OF TRUSTEES

<table>
<thead>
<tr>
<th>Name</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chairman Board of Trustees</td>
<td>(Ex-Officio)</td>
</tr>
<tr>
<td>Chancellor</td>
<td>(Ex-Officio)</td>
</tr>
<tr>
<td>John Ellison</td>
<td>2016</td>
</tr>
<tr>
<td>Steve Lerner</td>
<td>2016</td>
</tr>
<tr>
<td>David Carroll</td>
<td>2017</td>
</tr>
<tr>
<td>Max Chapman</td>
<td>2017</td>
</tr>
<tr>
<td>Sallie Shuping-Russell</td>
<td>2018</td>
</tr>
<tr>
<td>(vacancy created by expiration of term of John Townsend)</td>
<td></td>
</tr>
<tr>
<td>Willard J. Overlock, Jr.</td>
<td>2018</td>
</tr>
<tr>
<td>(vacancy created by expiration of term of Peter Grauer)</td>
<td></td>
</tr>
</tbody>
</table>

* Effective with appointments after July 26, 1996, individuals are eligible for a maximum of two consecutive 3 year terms. Individuals are eligible for reappointment after one year has elapsed from conclusion of most recent term.

September 2015
THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL FOUNDATION, INC.
BOARD OF DIRECTORS
17 MEMBERS; METHOD OF SELECTION

I. NINE EX-OFFICIO MEMBERS

A. 4 BY VIRTUE OF OFFICE (term concurrent with office tenure)
   Chairman of the Board of Trustees
   Chancellor
   Vice Chancellor for Finance and Administration
   Vice Chancellor for University Advancement

B. 2 ELECTED BY BOARD OF TRUSTEES FROM BOARD OF TRUSTEES
   MEMBERSHIP (term concurrent with Board tenure)*

   Julia Sprunt Grumbles 2019
   (vacancy created by expiration of term of Sallie Shuping-Russell)

   Haywood Cochrane 2017
   (vacancy created by expiration of term of Steve Lerner)

C. 3 ELECTED BY BOARD OF TRUSTEES FROM MEMBERSHIP OF THE BOARD
   OF TRUSTEES OF THE ENDOWMENT FUND (term concurrent with Endowment
   tenure)*

   Sallie Shuping-Russell 2018
   (vacancy created by expiration of term of Peter Grauer)

   Steve Lerner 2016
   (vacancy created by expiration of term of John Townsend)

   Max Chapman 2017

II. EIGHT DIRECTORS ARE ELECTED BY THE NINE EX-OFFICIO DIRECTORS
    (four year term)

   John Townsend 2016
   (vacancy created by resignation of Mercer Reynolds)
   David Pardue 2017
   Kel Landis 2017
   Nelson Schwab 2018
   Roger Perry 2018
   David Carroll 2019
   (vacancy created by expiration of term of David Carroll)

   Ed Fritsch 2019
   (vacancy created by expiration of term of Ed Fritsch)

*Chairman of the Board of Trustees may vote but is not eligible for election

September 2015
Mail Ballot

Board of Trustees

September 24, 2015

Attached for your review and approval is a memo detailing the issues associated with this mail ballot. This mail ballot will be approved as part of the Consent Agenda at the Full Board meeting on Thursday, October 1, 2015.

The undersigned votes as follows with respect to the recommendation proposed in Chancellor Folt’s memorandum dated September 24, 2015.

<table>
<thead>
<tr>
<th>Election</th>
<th>Approve</th>
<th>Disapprove</th>
</tr>
</thead>
<tbody>
<tr>
<td>Election of Sallie Shuping-Russell to the Endowment Fund for a three (3) year term ending in 2018.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Election of Willard J. Overlock, Jr. to the Endowment Fund for a three (3) year term ending in 2018.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Election of Julia Sprunt Grumbles to the Foundation’s Board of Directors for a term concurrent with her term as a Trustee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Election of Haywood Cochrane to the Foundation’s Board of Directors for a term concurrent with his term as a Trustee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Election of Sallie Shuping-Russell to the Foundation’s Board of Directors for a term concurrent with her term as an Endowment Trustee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Election of Steve Lerner to the Foundation’s Board of Directors for a term concurrent with his term as an Endowment Trustee</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signature________________________________________________________

Printed Name_____________________________________________________

Date_____________________________________

Please fax to TJ Scott at (919) 962-1647 or email at tj_scott@unc.edu

This mail ballot was approved by majority vote on September 25, 2015 by the following Trustees: Dwight Stone, Haywood Cochrane, Chuck Duckett, Lowry Caudill, Tim Keyes, Allie Ray McCullen, Ed McMahan, Julia Grumbles, Houston Summers, and Kelly Hopkins.
Governing Board Certification Form  
Academic Year 2015-16

As Chairman of the Governing Board at University of North Carolina at Chapel Hill, I attest that:

1) Responsibility for the administration of the athletics program has been delegated to the Chief Executive Officer of the Institution.

2) The Chief Executive Officer has the mandate and support of the board to operate a program of integrity in full compliance with NCAA, ACC and all other relevant rules and regulations.

3) The Chief Executive Officer, in consultation with the Faculty Athletics Representative and the Athletics Director, determines how the institutional vote shall be cast on issues of athletics policy presented to the NCAA and the ACC.

Date Presented to the Governing Board: ________________________

Signed: __________________________________________________
(Chairman of the Governing Board)

Signed: __________________________________________________
(CEO of Member Institution)

Please return completed form before October 16, 2015 to:

Commissioner John D. Swofford
Atlantic Coast Conference
4512 Weybridge Lane
Greensboro, NC 27407
Biomedical Engineering
Bridging Engineering and Medicine to Improve Lives

Nancy Allbritton, Chair
John Larson, Student
Michaela Rikard, Student
BME Bridges Otherwise Impossible Boundaries
Biomedical Engineering
Bridging Traditional Academic Boundaries
BME Enables Better Lives

Integrated Assay Systems

 Enables disease diagnosis that is faster, less expensive, more reliable.

Novel Imaging Technologies

Permits non-invasive monitoring of the body.

Regenerative Medicine

Builds new body parts for the aging and impaired.
BME Forms Powerful Inter-University Partnerships

The Rehabilitation Engineering Core

Links engineering and medicine to restore lost function

The Pharmacoengineering Program

Spans pharmacy and engineering focusing on enhanced drug delivery.
BME Attracts Large-Scale Collaborative Funding

NIH Resource Center for Biomedical Microdevices
Soper, $6.3 M

NIH Transformative Grant:
Building a Large Intestine
Allbritton/Gomez, $5.3 M
BME Embeds Entrepreneurship at ALL Levels

A Strong ROI

Current faculty
• Launch of ~25 companies
• ~366 invention disclosures
• ~138 patent filings

Current graduate students
• Launch of startup (10%)

Undergraduate students
• 6 design spin-outs
BME Is Building Student Entrepreneurs

With Donor Funding, Launched the i4 Program

- BME UGs develop a basic business plan
- Judged by panel of entrepreneurs
- Seed funding for winner
- $0.5 M over 5 years
BME Students Are Translating Technology

Our Students Are Translating Technology

Jeff Powell
Helping Hands Project
BME Undergraduate Students
### BME Creates Educational Excellence

<table>
<thead>
<tr>
<th>Undergraduates Winning Design Competitions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winner: 2013 <em>National Collegiate Inventors Competition</em></td>
</tr>
<tr>
<td>Winner: 2015 <em>American Society for Artificial Internal Organs</em></td>
</tr>
<tr>
<td>Winner: 2015 <em>IdeaFest</em></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Undergraduates Solving Real World Problems</th>
</tr>
</thead>
<tbody>
<tr>
<td>62 invention disclosures, 10 provisional patents, 5 licensing negotiations, 4 startups</td>
</tr>
<tr>
<td>15 invention disclosures, 4 provisional patents, 4 licensing negotiations, 2 startups</td>
</tr>
</tbody>
</table>
BME Builds Transformative Inter-Institutional Programs

NC State & UNC- Joint M.S. and Ph.D.
UNC- B.S. in Applied Sciences with a concentration in BME
NC State & UNC- Joint B.S. in BME, ABET Accredited
NC State- B.S. in BME, ABET Accredited
Strategic Planning Provides Direction and Priorities

Held Undergraduate Strategic Planning Retreat for Joint B.S.
June 2015

External Consultant
Leah Jamieson
Dean of Engineering
Purdue University

The 3 Pillars of a Successful BME Program

- Academic Excellence
- Community
- Professional Development
Core Values

- Innovate → Collaborate → Translate

- Unity - “We may have all come on different ships, but we're all in the same boat now.” - Martin Luther King Jr.

- Collaboration - different programs are known for different strengths, this is what we will be known for!
What Makes our BME Undergraduate Program Unique?

• Collaboration – includes industry, clinicians, other colleges/departments

• More semesters of design, industry culture, internships and research experience, entrepreneurship and innovation

• The result - World class collaboration and innovation
Building a Transformative Joint BS

Goal: Educate a high-quality workforce by creating a unique inter-university degree

Offer:
• 3-Dimensional Curriculum
• Career Experiences
• Resources of Two Universities
BME Undergraduates Must Have Key Attributes

- Professional Skills
- Knowledge diversity
- Broader impact
- Global awareness
- Design Skills
- Innovation
- Passion/Ethics
- Understand regulatory and industry culture
- State of the art tools and instrumentation
WolfRam Video
The 3 Pillars of a Successful BME Program
Academic Excellence

- Create student IDs for both campuses
- Develop unified admissions process for incoming students
- Reexamine current curriculum/define ideal curriculum
- Create innovative Friday course
Professional Development

- Establish 1 credit hour course aimed at fostering industry relations
- Provide structured way to connect students with industry and research experience
Community

- RTP Frontier Center - Rotary Scholarship
- Join BME clubs Joint admissions/orientation
- Start collaborative meetings now!
- BME awards ceremony/graduation
- Establish alumni network
- Local and global impact
BME Thanks the UNC Provost and Chancellor!

**UNC One Time Fund Allocation**

1. MEJ upfit for BME
2. BME UG teaching space
3. BME Development hire
4. Academic-Industry Coordinator
5. IAB Support
6. Fellowships at grad and UG level

**Faculty Hiring (UNC facility)**

2014-2015: 3 Asst Professors
2015-2016: 2 Asst Professors
University of North Carolina at Chapel Hill Board of Trustees
Innovation, Entrepreneurship, Commercialization, Economic Development

Judith Cone
Special Assistant to the Chancellor for Innovation & Entrepreneurship
Interim Vice Chancellor for Commercialization & Economic Development

October 1, 2015
Innovation Pipeline

R-Research

D-Development

Industry
80% of R&D $$

Source: IPMC
The Challenges

For a state and world in need, who can help its citizens gain the resources they need? Who can address environmental concerns?

What is the role of UNC-Chapel Hill as a global public research university in making the world a better place for all its citizens?
Carolina’s To-Do List

Committed to helping solve the state and world’s pressing challenges

• Cure diseases, and get those cures to all the people who need them.
• Find, invent, gain adoption of clean energy solutions.
• Feed seven billion people.
• Inspire and prepare students in our schools.
• Promote widespread prosperity.
• Describe the world, and replace conflict with understanding.
Innovation Pipeline

The Majority of UNC Research Funding is R and Applied R
Innovation Pipeline

UNC Chapel Hill Innovation & Eship +
External Partners

D-Development
UNC Licensing Strategy

• With 866 Licenses granted to date and 45 new licenses generated in FY14, UNC is actively commercializing technologies.

• *Life sciences technologies remain the mainstay* of UNC’s commercial portfolio.
  
  • Licensees include research tools, pharma, biotech, device and diagnostics companies.

• Life sciences companies have inherently *long development cycles* with limited near-term revenue potential and a high degree of risk on milestone payments.

UNC Licensees Are Predominantly Life Sciences

- **Count of unique licensees FY13-FY15**
  
  - Life Sciences / Healthcare 84%
  - Other 16%

• Notable companies in “other” include Samsung Electronics, Co., Ltd., Evisions, Inc., and General Electric (GE).

Source: http://research.unc.edu/about/facts-rankings/research-funding/, Internal UNC data (All UNC Tech Transfer FY13-FY15)
Office of Commercialization & Economic Development (OCED)

Internal Advocates, Pathways to Impact Guides, Startup Services

Strategic Partnerships Bridge between UNC and external resources

Innovation Support Tech Development

Economic Development North Carolina focus

Matrix Organization

Team-based Approach

NETWORK PARTNERS: Chancellor’s I&E Office · Offices of Research/Development/Communication · Carolina KickStart · 4D · Kenan Institute · CES · Unit I&E & Econ Dev Liaisons · Blackstone
Ecosystem

Putting important ideas to use

Join Learn Translate Mentor Incubate Fund Converge

Align & Communicate

Page 57/80
With a special focus on urgent challenges, innovators and innovations launched at Carolina consistently apply important ideas for a better world.

Be a place where innovators thrive.
Impact

The world is significantly improved because of Carolina’s entrepreneurially minded faculty, students, and staff and their innovations.

Methods:

- Carolina attracts the most talented faculty and students
- Ideas and discoveries are leveraged and disseminated.
- Classrooms, labs, and studios are incubators of discovery.
- UNC is recognized globally as one of the most innovative and entrepreneurial universities.
In North Carolina

A Major Force in the State’s Economy

UNC Business Startups

- 150+ Startups
- 38,000 Jobs Created
- $7 Billion Annual Revenue

All: 301+ UNC Startups, with 262 still active
Funding (private investments, government contracts, loans): nearly $5.5B
Tech Transfer Stats

4235 Inventions
2552 Patents Filed
872 Licenses Granted
800 Patents Issue
91 Companies Started
The World's Most Innovative Universities

BY DAVID EWALT

Whether they're in the top five or near the end of the list, all 100 universities in this ranking are among the best in the world. Thomson Reuters reviewed hundreds of universities to produce this ranking, and the ones that appear here are the most elite. Absence from this list does not indicate an institution is failing to innovate, however. Since the rankings measure innovation on a universitywide (or in some cases, systemwide) basis, it may overlook particularly innovative departments or programs: A small liberal arts school might rank low for overall innovation, but still operate one of the most innovative computer science departments in the world, for instance.

UNC Ranks 15 out of 100 global universities

- Stanford
- MIT
- Harvard
- Washington
- Northwestern
- 4 university systems (California, Texas, Wisconsin, Michigan)
- U Penn
- 2 from Korea
- Imperial College London
- USC
- UNC-Chapel Hill
<table>
<thead>
<tr>
<th>Rank</th>
<th>University</th>
<th>Country</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Stanford University</td>
<td>USA</td>
<td>1,685</td>
</tr>
<tr>
<td>2</td>
<td>Massachusetts Institute of Technology (MIT)</td>
<td>USA</td>
<td>1,671</td>
</tr>
<tr>
<td>3</td>
<td>Harvard University</td>
<td>USA</td>
<td>1,609</td>
</tr>
<tr>
<td>4</td>
<td>University of Washington</td>
<td>USA</td>
<td>1,576</td>
</tr>
<tr>
<td>5</td>
<td>University of Michigan System</td>
<td>USA</td>
<td>1,562</td>
</tr>
<tr>
<td>6</td>
<td>Northwestern University</td>
<td>USA</td>
<td>1,558</td>
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<tr>
<td>7</td>
<td>University of Texas System</td>
<td>USA</td>
<td>1,557</td>
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<tr>
<td>8</td>
<td>University of Wisconsin System</td>
<td>USA</td>
<td>1,548</td>
</tr>
<tr>
<td>9</td>
<td>University of Pennsylvania</td>
<td>USA</td>
<td>1,519</td>
</tr>
<tr>
<td>10</td>
<td>Korea Advanced Institute of Science &amp; Technology (KAIST)</td>
<td>SOUTH KOREA</td>
<td>1,515</td>
</tr>
<tr>
<td>11</td>
<td>Imperial College London</td>
<td>ENGLAND</td>
<td>1,478</td>
</tr>
<tr>
<td>12</td>
<td>Pohang University of Science &amp; Technology (POSTECH)</td>
<td>SOUTH KOREA</td>
<td>1,470</td>
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<td>13</td>
<td>University of California System</td>
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<tr>
<td>14</td>
<td>University of Southern California</td>
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<td>1,462</td>
</tr>
<tr>
<td>15</td>
<td>University of North Carolina Chapel Hill</td>
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<tr>
<td>16</td>
<td>KU Leuven</td>
<td>BELGIUM</td>
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<tr>
<td>17</td>
<td>Duke University</td>
<td>USA</td>
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<tr>
<td>18</td>
<td>Osaka University</td>
<td>JAPAN</td>
<td>1,429</td>
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<tr>
<td>19</td>
<td>Johns Hopkins University</td>
<td>USA</td>
<td>1,424</td>
</tr>
<tr>
<td>20</td>
<td>California Institute of Technology</td>
<td>USA</td>
<td>1,420</td>
</tr>
</tbody>
</table>
Deshpande Symposium Recognizes UNC-Chapel Hill

National winner of the Outstanding University in Entrepreneurship and Innovation Award
Carolina Innovator

Shawn Hingtgen, PhD
Eshelman School of Pharmacy

Stem-cell based therapeutic approach to fighting cancer
Developing Stem Cell Drug Carriers for Cancer Therapy

Shawn Hingtgen, Ph.D.
Assistant Professor, UNC Eshelman School of Pharmacy
The Challenge of Treating Glioblastoma

- Glioblastoma (GBM) is the common form of primary brain cancer
- GBM is one of the deadliest cancers
- Median survival is 12-15 months
- Survival has not improved significantly in 3 decades
- We utilize stem cells as highly novel drug carriers to treat GBM
Therapeutic Stem Cell: Cellular Reprogramming

Skin biopsy → Fibroblast → Transdifferentiation → Neural S.C.
Cytotoxic iNSC Therapies Reduces Human GBM Xenografts

GBM Growth (Fold Day 1)

Day 1 Day 3 Day 7 Day 14 Day 21 Day 28

iNSC-Control iNSC-sTR

Group Median Survival

<table>
<thead>
<tr>
<th>Group</th>
<th>Median Survival</th>
</tr>
</thead>
<tbody>
<tr>
<td>iNSC-Control</td>
<td>24.5</td>
</tr>
<tr>
<td>iNSC-sTR</td>
<td>65.5</td>
</tr>
</tbody>
</table>
Therapeutic MSC Migrate Off the Scaffolds as they Home to GBM Cells in Culture

+GBM

No GBM

Green=MSC/Sc affolds

Red=Tumor Cells
Improving Stem Cell-based Therapy for GBM in Clinical Patient Testing

- Skin punch to fibroblast
- Direct reprogramming to create iNSCs
- Create anti-cancer iNSCs
- Autologous iNSC-based cancer therapy in matrix
- Motile therapeutic iNSCs home to and destroy GBM
Carolina Innovator

Shruti Shah
UNC alumna ’11
Student Leader
Teach for America
Co-founder Move Loot

Move Loot
Learning at UNC

Shruti Shah, President Chancellor’s Student Innovation Team

Innovate Carolina Roadmap Contributor

Entrepreneurship Minor
Opportunity
Launching Move Loot

Our first Move Loot pickup: Sept. 23, 2013

Our first storage unit
Outcomes

- 605 Tons of trash diverted from landfills in 2014
- Over 100k Buyers and Sellers in 6 cities, growing 20-30% per month!
- Over 150 employees...and growing
Cone, UNC Recognized for Excellence in Entrepreneurship

WATCH: Entrepreneur Deshpande talks universities, innovation >
While he was on campus, Deshpande shared his thoughts on how universities fit into the entrepreneurial economy of today.
He also discussed the recent honor his foundation recently gave Carolina. In June, the...

IN THE NEWS
Knight Foundation Awards $3 Million To UNC Media Research Center >
UNC Smart Cells Teach Neurons Damaged By Parkinson’s To Heal Themselves >