



SOUTHERN ILLINOIS UNIVERSITY

May 3, 2019

Members of the Board Academic Matters Committee

Ed Hightower, Chair  
Brione Lockett  
Subhash Sharma

Dear Committee Members:

The Academic Matters Committee will meet on Thursday, May 16, 2019, at approximately 9:00 a.m. in Ballroom B of the Student Center at Southern Illinois University Carbondale. The agenda and minutes from the March 28, 2019, meeting can be viewed through the Board's portal system.

I look forward to seeing you at the meeting.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jim Allen', is written over a large, stylized, light-colored circular graphic element.

Jim Allen  
Acting Vice President for Student and Academic Affairs

JSA/pm

Attachment

c: Ed Curtis	J. Kevin Dorsey
Phil Gilbert	John M. Dunn
Amy Sholar	Randall G. Pembrook
John Simmons	Jerry Kruse
Molly Smith	Other Interested Parties
Roger Tedrick	

Office of the President, Stone Center - Mail Code 6801, 1400 Douglas Drive, Carbondale, Illinois 62901

## AGENDA

### MEETING OF THE SOUTHERN ILLINOIS UNIVERSITY BOARD OF TRUSTEES ACADEMIC MATTERS COMMITTEE

Thursday, May 16, 2019  
Approximately 9:00 a.m.

Ballroom B  
Student Center  
Southern Illinois University Carbondale

1. Announcements
2. Approval of Minutes of the Meeting March 28, 2019
3. Presentation: *Efforts and Future Plans Addressing Enrollment, SIUC*  
Presenter: Dr. Meera Komarraju, Interim Provost and Vice Chancellor  
for Academic Affairs, SIUC
4. Presentation: *Undergraduate Forum Research Awards and Experiential Activity*  
Honorees:  
  
Allison McMinn, Electrical Engineering, Minor in Mathematics, Junior  
Research: *Tomosynthesis Image Reconstruction for Early Breast Cancer Detection*  
Mentor: Ying Chen, Associate Professor, Electrical and Computer Engineering  
  
Zoey Bryant, Psychology and Physiology, Senior  
Research: *Development of Perineuronal Nets in the Hippocampus*  
Mentor: Michael Hylin, Assistant Professor, Psychology  
  
Nathaniel Jordan, Plant Biology, Junior  
Research: *SIU Carbondale: Land of Opportunity*  
Mentor: Elizabeth Donoghue, Assistant Director, University Honors Program
5. Other Business
6. Adjournment

## **BOARD OF TRUSTEES**

### **SOUTHERN ILLINOIS UNIVERSITY**

#### **Minutes of the Academic Matters Committee Meeting**

March 28, 2019

The Academic Matters Committee met at 1:16 p.m. on Thursday, March 28, 2019, in the Auditorium at SIU School of Medicine in Springfield. Present were: J. Phil Gilbert, Edward Hightower, Brione Lockett, and Subhash Sharma. Other Board members present were: Edward Curtis, Amy Sholar, John Simmons, Molly Smith, and Roger Tedrick. Executive Officers present were: Interim President J. Kevin Dorsey; Senior Vice President Duane Stucky; Vice President Brad Colwell; Interim Chancellor John M. Dunn, SIUC; Chancellor Randall Pembroke, SIUE; and Dean and Provost Jerry Kruse, SIU School of Medicine.

#### **Announcements**

Dr. Colwell updated the Board on RMEs and NUIs approved by IBHE, provided a brief overview of a meeting he and President Dorsey had with community college presidents, acknowledged SIU's continued involvement in the Salute to Illinois Scholars event, and ended his remarks with an overview of SIU Lobby Day that was held at the state capitol and coordinated through the system's Government and Public Affairs Office—Director John Charles.

#### **Approval of the Minutes of the February 14, 2019, Meeting**

Motion was made by Trustee Gilbert to approve the minutes of the February 14, 2019 meeting. The motion was duly seconded by Trustee Subhash Sharma and passed by the Committee.

#### **Informational Report: Underrepresented Groups Report**

Dr. Colwell introduced Mrs. Jamie Ball, Director of Equal Opportunity, Access and Title IX Coordinator at SIUE; Mr. Todd Bryson, Interim Associate Chancellor and director of the Multicultural Resource Center at SIUC; and Dr. Wendi El-Amin, Associate Dean of Equity, Diversity, and Inclusion at the SIU School of Medicine. Each campus representative provided highlights from their respective reports.

Trustee Hightower stated he would like to know more about how the campuses are reaching out to public schools in their recruitment efforts.

Trustee Gilbert asked how many students are in the MedPrep program and from what geographical areas are they from? Dr. El-Amin said MedPrep is a national program and that there are currently 36 students enrolled. Students who go through the MedPrep program are frequently recruited by other medical institutions because of how well the

students are prepared for medical school. SIU loses some of its MedPrep students due to its inability to compete with larger scholarships from other schools.

Trustee Hightower pointed to the URG Report as an example of how students should be supported once recruited: “SIUSOM approaches every student who struggles as an individual, conducting a detailed assessment of the student’s problems and jointly designing a remediation strategy narrowly tailored to his or her needs. Specially-structured team activities are utilized when students show a need that can be best addressed in a small-group setting” (pg. 30).

### **Presentation: Reconstruction & Regeneration—Restoring Form & Function**

Dr. Colwell introduced Drs. Michael Neumeister and Michael Ruebhausen.

Dr. Neumeister talked about the importance of education and teaching medical students to be ready to perform surgeries in their residency. In microsurgery or medicine, doctors must expose students to cases and procedures. Students must be in the operating rooms, clinics, and conferences so they can see and be taught what doctors do.

There have been changes in surgical education that need to be considered when teaching students—patient safety, demand for accountability by the public, resident work hours, and competence. Medical schools are accountable to stakeholders, the public, medical programs and faculty, and patients. SIU School of Medicine must be able to provide subjective and objective data that show medical students are receiving the education and experience to perform surgical procedures and become successful residents and doctors.

Skills labs teach principle techniques for medical procedures using curriculum specific for all surgical disciplines. Students must also be taught innovation and decision making. The main goal is to get medical students to a level of skills prior to performing surgeries on patients. Through the skills lab, students can be graded for verification of efficiency.

Photos of reconstruction and regeneration cases were shared. The presentation was concluded with Dr. Michael Ruebhausen speaking about his work in the lab on tissue engineering under the tutelage of Dr. Neumeister.

### **Other Business**

Having no further business before it, the Academic Matters Committee adjourned at 2:05 p.m.

WBC/pm