In this issue of BE-connected, we highlight the successes, activities, and entrepreneurship of our Bioengineering students and faculty. I am pleased to inform you that our Bioengineering program ranking improved from 96th last year to 80th in the United States by US News and World Report. This issue features a number of outstanding BE students who won Speed School and Departmental awards. The Department of Bioengineering has established research collaborations with University of Abu Dhabi and is planning to offer joint degrees with international universities in the near future. Our BE faculty have won university, national, and international recognition. This issue also covers the annual faculty-student basketball game organized by the BMES chapter at the UofL. We are introducing a new feature in this issue titled “Interview with a Student” to highlight students’ perspectives of our department.

The Department is proud to announce our student award winners for 2019. These outstanding students were recognized for their excellence in academics, research, and service. Donations to the BE Student endowment have enabled the establishment of six new student awards to honor students for their dedication and hard work. The student award winners are: Walter Stubblefield III (Alfred T. Chen Memorial Scholarship), Thomas Beyerle (Speed School Alumni Award), Hannah Meriweather (Co-Op of the Year Award), Conner Burns (Steven D. Vanover Scholarship), Victoria Sager (Rolando “Chip” Cheng Jr. Memorial Scholarship), Francesca Mayhaus (Judi Olsen Endowed Scholarship), Dylan Goodin (Jerry and Pat Sturgeon Academic Scholarship), Dawn M. Sosnin (Mickey R. Wilhelm Achievement Award), Brett Hilt (Joseph Henry Award in Translational Bioengineering), Hisham Abdeltawab (Best Doctoral Student Peer-Reviewed Journal Paper), Landon Tompkins (APPKI Doctoral Student Exemplary Achievement Award), Moustafa Meki (Doctoral Student Inventorship Award), and Marzan Tarun Shah (BMES Chapter Award). Mohammed Mahmoud, Ahmed Shaffie, and Mohamed Shehata won the Doctoral Student Exemplary Research Scholarship Award. They were honored at an awards ceremony on April 23rd at the Kentucky Derby Museum. Congratulations!!!
BE Chair's Message, cont'd from pg.1

The honor is presented to those who achieved the highest distinctions accorded to a medical and biological engineer with only the highest achievements in research and innovation. The event was attended by leaders in the field, including President Dr. Khaled Abdel-Ghaffar, Minister of Higher Education of Egypt, and other dignitaries.

The event was held at Holsapple Brewing, and Dr. Shalaby named UofL Faculty Favorite of 2019. The annual award is presented by UofL students to an advisor. It is also important to ask the advisor to provide guidance and tour their labs before deciding on an advisor.

The program gave me a thorough review of the Bioengineering field and especially the biomedical devices are well-informed. It is also important to ask the advisor to provide guidance and tour their labs before deciding on an advisor.

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degree in Bioengineering from the University of Louisville in 2019. He completed his bioengineering co-op semesters working with the Kentucky Spinal Cord Injury Research Center analyzing data using a 3D motion capturing software. He was recently accepted to the Medical School.

**BE International Collaboration**
Dr. El-Baz met with Eesa Mohammed Bastaki, President of the University of Dubai, and Tarek El-Gamal, President of Assuit University to discuss joint degree programs and to foster collaborative efforts between the universities.

**BE International Outreach**
As part of Bioengineering's outreach program, we were delighted to host Mohammed Al-Shamsi and Mahdi Hasssan from Dubai's Ministry of Higher Education along with Ms. Amira Hassan and high school students from Dubai. They toured UofL facilities and BE laboratories with Drs. Ayman El-Baz, Guruprasad Giridharan and Robert Keynton to learn about world-class facilities and innovative bioengineering research conducted at UofL.

**BE students in Med School**
Bioengineering would like to congratulate the following students on their acceptance into medical school.

Left to Right: Faizan Ahmed, Chelsea Lancaster, Madison Harley, Hares Patel and Ajit Deshpande.

**BE grads SPR 2019**
The Department of Bioengineering is proud to announce its graduating students.

**BS/BE Degrees**
Faizan Ahmed*
Mohamed Ali
Howard Boone
Christian Buckley**
Sydney Cardinali**
Samantha Charley*
Bailey Davis
Brittany Freese
Christopher Holton**
Tyler Hunt*
Sahar Kashan*
Tyler Keiter
Chelsea Lancaster
Caroline Lynch
Francesca Mayhaus***
David Morris
Sage Morrison**
Ashutosh Nayak*
Amrit Regmi**
Camille Riebel
Caitlin Ryan
Mark Ryan*
Victoria Sager**
Tyler Shimfessel*
Tad Simpson
Ashley Sink**
Walter Stubblefield III***
Abigale Thompson
Stacie Toller
erochel Zalla*

**Master of BE Degrees**
Thomas Beyerle
Marie Burns
Dawn Sostin
Winston Furtado
Christopher Gartner
Samantha Grace-Mudd
Meghan Otto
Kevin Grome
Justin Heidel
Hares Patel
Keith Radcliff
Jessica Schleicher

* with honors
** with high honors
*** with highest honors

**BMES Spotlight**
The UofL Biomedical Engineering Society student chapter held their second annual Faculty vs. Student Basketball game (2 games total, pictures above and top, front cover.) The games were closely contested this year, but the faculty team won both games (somehow), demonstrating that experience can triumph over athleticism and youth. The participation fees for this game are used to help fund UofL BMES student activities and BMES conference to be held this year on October 16-19 in Philadelphia, PA.

**BE Donations**
We have established a student endowment with a goal of raising $200,000 in the next 5 years. Due to the generosity of our donors we have raised approximately $40,000 to date. This has enabled us to present six new BE student awards this year. We are deeply grateful to all our donors and we thank the Association of Physicians of Pakastani Descent of Kentucky and Indiana (APPKI) for contributing significant amounts to this cause and for sponsoring the APPKI Doctoral Exemplary Achievement Award.

Your continued support is vital to fulfilling the endowment objective of recognizing meritorious students. For more information about how your donations can help transform the BE Department, please contact Tom Keith at tom.keith@louisville.edu or call (502)852-1017.