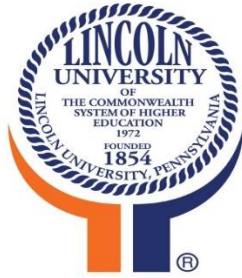


Visit from COO of the University of Pennsylvania Health System



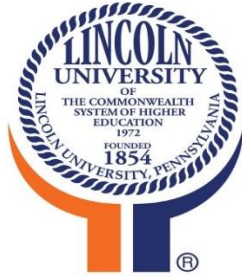
COO of the University of Pennsylvania Health System, Phil Okala, visited our department on Tuesday, October 22. After a brief department-sponsored lunch, Mr. Okala talked to our students about the many career opportunities available in healthcare and at the University of Pennsylvania Health System.

The University of Pennsylvania Health System, also referred to as Penn Medicine, is a world-renowned academic health system. While the health system flagship hospital is located in Philadelphia, it is also comprised of many other hospitals and healthcare facilities across Pennsylvania and New Jersey, marking Penn Medicine as one of the leading healthcare providers throughout the southern Chester County area. Accordingly, the University of Pennsylvania Health System is also a major local employer for a broad range of fields.

The department would like to take this opportunity to thank the COO, Mr. Okala, for taking the time to bring these opportunities to our students. Our department is always happy to connect our students with competitive employers in their fields.



Representative from Southern Algebra Initiative Project Meets with DMS Faculty and Students



From Tuesday, October 22 to Thursday, October 24, Dr. Crombie of the Southern Initiative Algebra Project visited our department to meet with our faculty, staff, and students. Dr. Crombie has been working with a new pedagogical approach to teaching the Calculus topics of differentiation and integration using only ideas encountered in standard Algebra courses.

Calculus is well known as a roadblock for many students wishing to pursue STEM fields. Dr. Crombie hopes the new pedagogy will improve student access to Calculus topics, and by extension several STEM fields, by linking these topics more closely to the students' existing Algebra knowledge.

During his visit, Dr. Crombie met with several DMS faculty and staff members to discuss the possibility of introducing the new pedagogy into courses here at Lincoln. This included discussion of possible grant applications to help implement the new material and study its effectiveness. Dr. Crombie also met with three Lincoln students who attended the Youth Leadership Development Institute this summer at Virginia State University, to discuss the topic with them.



The department would like to take this opportunity to thank Dr. Crombie for his efforts. We appreciate the work he's doing to help improve STEM access for struggling students, and we hope we can work with him again in the future.

Representative from McGraw-Hill Solicits

Feedback from DMS Faculty, Staff, and Students



On Thursday, October 24, COO of McGraw-Hill Education, Scott Virkler, visited our department to solicit feedback about our experience using their ALEKS product (Assessment and Learning in Knowledge Spaces). The department uses ALEKS in its MAT-101 and MAT-102 courses, and previously used the system in its MAT-110 and MAT-111 courses as well. The department also uses ALEKS PPL (Placement, Preparation and Learning) to place incoming students. Student tutors from the Math Learning Center, who run the ALEKS-focused labs for MAT-101 and MAT-102, also joined in the discussion.

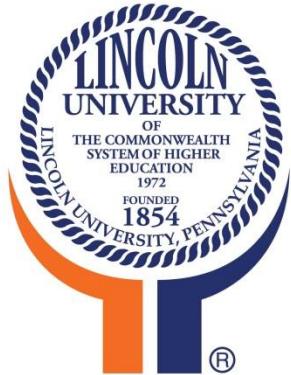
ALEKS is a unique web-based program that routinely measures student mastery and adapts its instructional style to the student's unique needs. Due to a recent intervention, our department has been gathering extensive data on all of our courses that use or recently used ALEKS. That data shows that the



ALEKS system works well for students who use it as recommended, but the department has struggled to convince students to properly engage with the program. Together with Mr. Virkler, DMS faculty, staff, and students discussed what potential new features might aid our department in these efforts.

In addition to soliciting feedback from our department, Mr. Virkler expressed a desire to create a recruitment pipeline with Lincoln University. The job openings available at McGraw-Hill are more appropriate for Liberal Arts majors, so the department referred Mr. Virkler to the Office of Student Success. We hope that our administration will work closely with Mr. Virkler to bring these employment opportunities to our students.

DMS Students Attend *Discover Bentley* Event



Seven DMS students attended the Discover Bentley event during the week of October 21. This event allows promising candidates from underrepresented backgrounds the chance to spend two days exploring Bentley's graduate programs. The visit included participation in the university's Open House event, class visits, an introduction to the application and financial aid process, conversations with current faculty and students, and various networking events with Bentley's corporate partners.

The seven-student cohort from Lincoln University represented nearly one third of the event's participants – one of the largest single-university contingents in the program's history. This historic level of participation is due to the efforts of the department, as well as Anya Gelernt-Dunkle (Graduate Admissions Officer) and Perewari Pere (Lincoln Alumnus), who visited the department last month on Bentley's behalf to recruit students for the program. The department would like to once again thank Ms. Gelernt-Dunkle and Mr. Pere for their valiant and successful efforts.



Thanks to this remarkable success, Ms. Gelernt-Dunkle has expressed an interest in continuing her recruitment efforts through our department throughout the following years. We look forward to future success in bringing this wonderful opportunity to our students.

Department of Mathematical Sciences Faculty and Staff

Dr. Maiko Arichi

Dr. Zachary Carson

Dr. Panakkal Mathew

Ms. Martha Parisan

Dr. Laurellen Treisner

Prof. Abel Ayele

Dr. Michael Faulkner

Dr. Patrick Mwerinde

Dr. Jawahar Pathak

Dr. Penglong Xu

Dr. Tong Banh

Dr. Moses Haimbodi

Dr. Ranjan Naik

Dr. Claude Tameze

Dr. Vesna Zeljkovic