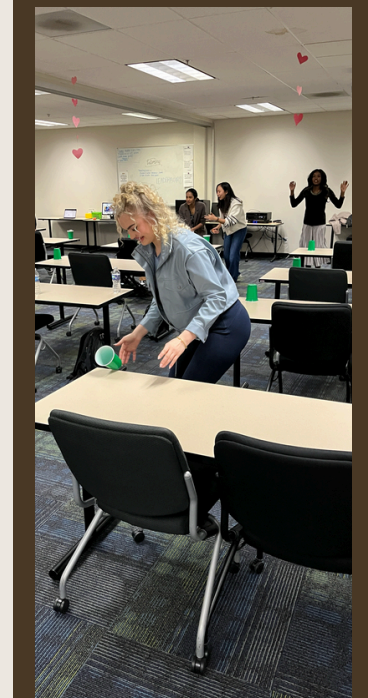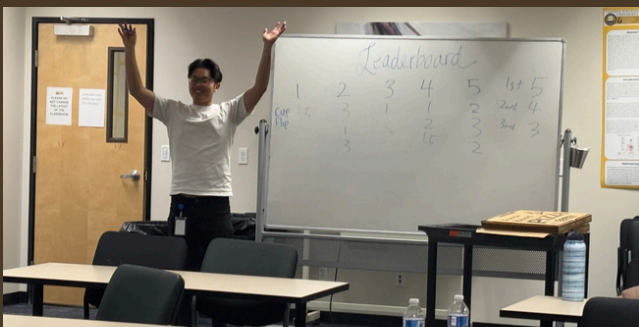# MPS Newsletter

**FEBRUARY 2025**

## MPS SPRING SOCIAL EVENT

The MPS board hosted a Spring Student-Faculty Bonding Social Event to compete for prizes and strengthen the MPS community, outside the classroom. MPS Faculty and students got into teams to compete in mini-games, testing their strength, strategy, speed, and acuity while fostering teamwork and friendly competition. The winners of this event were Kevin, Vamsi and Jordan and they each won a Rescate gift card! This event created a fun and collaborative environment, enhancing the sense of family within the program. We also hope to squeeze in a few more social events before we end the academic year.
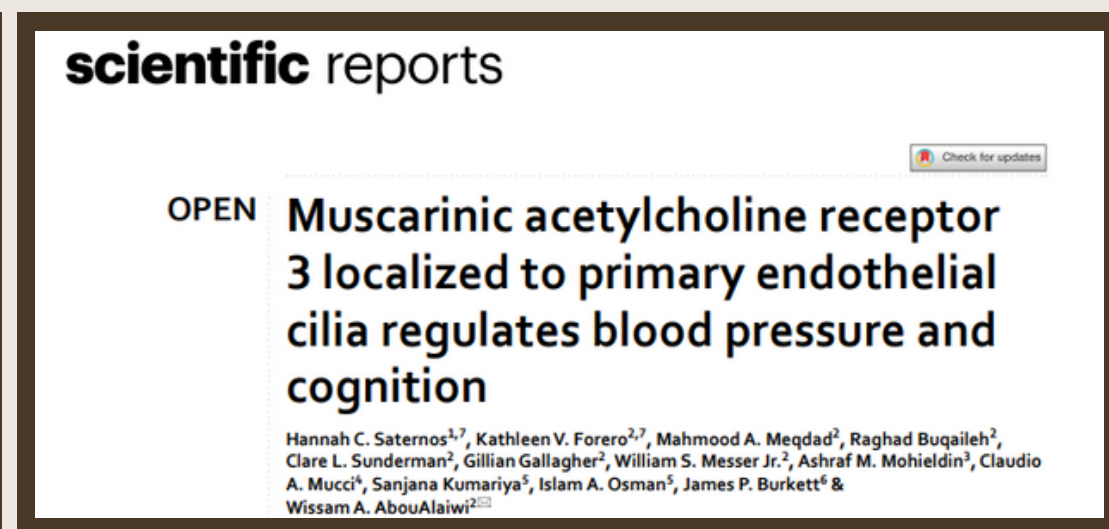
# MPS Newsletter

## FEBRUARY 2025

## MPS FACULTY PUBLICATION

Congratulations to **Dr. Abdelbasset Farahat,** Assistant Professor for Medicinal Chemistry at College of Graduate Studies on his new publication in ACS Chemical Biology. Dr. Farahat's hardwork continues to inspire his students and colleagues alike. We are proud to have him in the MPS community and look forward to celebrating more success.



**ACS Chemical Biology**

pubs.acs.org/acschemicalbiology

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Article

**Alternative Approach to Sequence-Specific Recognition of DNA: Cooperative Stacking of Dication Dimers—Sensitivity to Compound Curvature, Aromatic Structure, and DNA Sequence**

Ananya Paul, J. Ross Terrell, Abdelbasset A. Farahat, Edwin N. Ogbonna, Arvind Kumar, David W. Boykin, Stephen Neidle,* and W. David Wilson*

Cite This: https://doi.org/10.1021/acschembio.4c00800

Read Online

Congratulations to **Dr. Ashraf Mohieldin,** Assistant Professor for Molecular Biology and Biochemistry on his new publication in Scientific Reports. We are proud of his dedication and passion for research and wish him greater success.



**scientific reports**

Check for updates

OPEN **Muscarinic acetylcholine receptor 3 localized to primary endothelial cilia regulates blood pressure and cognition**

Hannah C. Saternos[1,7], Kathleen V. Forero[2,7], Mahmood A. Meqdad[2], Raghad Buqaileh[2], Clare L. Sunderman[2], Gillian Gallagher[2], William S. Messer Jr.[2], Ashraf M. Mohieldin[3], Claudio A. Mucci[4], Sanjana Kumariya[5], Islam A. Osman[5], James P. Burkett[6] & Wissam A. AbouAlaiwi[2]

# MPS Newsletter

## FEBRUARY 2025

### SPECIAL LECTURE FOR MPS503 BY THE CGS DEAN- DR. CATHERINE YANG

This month we were honored to have our Dean of College of Graduate Studies, Dr. Catherine Yang deliver a lecture on "Emerging Trend of AI in Medical and Biomedical Research" to our MPS students. Dr. Yang shares a deep passion for AI in Healthcare which captivated the students attention and created an interactive question and answer session. We are excited to have our Dean give more lectures in future!



### MPS ALUMNI ACHIEVEMENT

This month's alumni spotlight shines on Emily Waddle. Congratulations to Emily on her acceptance into Burrell College of Osteopathic Medicine. Emily has been an outstanding student during her time in MPS program, she was also awarded the Dean's Academic Excellence award in 2024 while also winning The Best Capstone Project alongside her classmate Bisma Khan. We wish Emily continuous success in her future career!
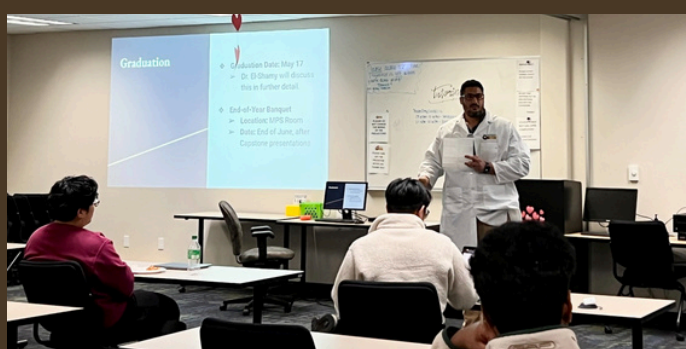
# MPS Newsletter

## FEBRUARY 2025

### MPS TOWNHALL MEETING

We had our MPS Town hall meeting this month, reviewing the year and discussing the plans for the rest of the year. It was a productive session where students had a platform to speak their suggestions regarding curriculum, policies and the class schedules of the semester. We also had a good opportunity to discuss on upcoming events like graduation, Capstone Defense Presentation and Summer semester elective choices.

### MPS505- GRADUATE SEMINAR CLASS

We concluded our MPS505 Graduate Seminar class for the spring semester by having a competition day where all the students were divided into groups of six groups. Each group had to deliver a 15 minute presentation from a choice of their research paper and were evaluated on their presentation by their peers. It was a great opportunity for students to learn, experience and educate themselves on scholarly research and deliver it to their peers. Congratulations to Group 4 (Ria, Noah and Uzoamaka) for scoring the highest in the competition day and being selected as winners for the presentation "Gut microbiota in COVID-19: key microbial changes, potential mechanisms and clinical applications".

### Upcoming Events & Reminders

- Special Lecture (MPS503)- March 5th 2025
- 2025 Commencement Ceremony - May 17th 2025
- Spring Semester Evaluation Surveys- follow each deadline
- Regalia Orders- deadline March 28th 2025