



Office of Medical Student Research Education

April Newsletter

April 10th, 2023

Featured: Class of 2026 Fellows

Congratulations to the following students who were awarded this year's MSRPP Fellows summer internship. These students will work alongside faculty mentors as they participate in this 8-week full-time research internship as well as attend educational research seminars.



Lynn Herron

Mentor: **Shannon Glaser, Ph.D.**,
Professor, Department of Medical,
Physiology, Texas A&M
University School of Medicine



Julian Martin

Mentor: **Maricela Gulbranson, M.D.**,
Medical Director, Developmental
Medicine Clinic Driscoll Children's
Hospital, Corpus Christi, TX, Clinical
Assistant Professor TAMU Department
of Pediatrics



Arion Yu

Mentor: **Nicolaas Deutz, M.D.,
Ph.D.**, Professor, Director CTRAL,
Dept. Primary Care & Rural
Medicine, School of Medicine Texas
A&M University



Roxana Farokhina

Mentor: **Michael Hofkamp, M.D.**,
F.A.S.A., Director of Obstetric
Anesthesia, Scott & White Medical
Center Temple, Clinical Associate
Professor of Anesthesiology, Texas
A&M School of Medicine



Gabriella Porter

Mentor: **Michelle Hook, PhD.**,
Texas A&M University Associate
Professor Department of
Neuroscience and Experimental
Therapeutics



Hoang Dao

Mentor: **Jacob Szeszulski, PhD.**,
Assistant Professor, AgriLife
Research, Texas A&M University



Nailah Blair

Mentor: **Franca Iorember, M.D.**,
Pediatric Nephrology, Driscoll
Children's Hospital, Corpus
Christi, TX

**RSVP: Medical Research Colloquium
Keynote Address**

May 4th 5-8:30pm MREB II 1403



Dr. Clint Allen from the NIH
will be giving the opening
keynote presentation followed by
dinner and MSRPP mentor
awards. RSVP by April 20th.



Welcome MSRPP Students

We are excited to welcome the following student and their mentor(s) into the program and we wish them the best of luck with their research!



Zane Ahlfinger
Medical Scholar Explorer
Class of 2026
Mentor: Batool Kirmani, M.D.,
FAAN, FAES



Taimur Hassan
Medical Scholar Explorer
Class of 2026
Mentors: Glen Davis, MD, Omar
Mohtar M.D., Ph.D



Jawad Muayad
Team Medical Scholar Explorer
Class of 2026
Mentor: Rahul Srinivasan, Ph.D.



Zaryab Alam
Team Medical Scholar Explorer
Class of 2026
Mentor: Rahul Srinivasan, Ph.D.



Elias Perli
Medical Scholar Researcher
Class of 2024
Mentor: Jason Hoover, M.D.



Kayla Callaway
Medical Scholar Explorer
Class of 2024
Mentor: Atiya Dhala, M.D.

APSA Regional Conference



Texas A&M recently hosted the American Physician Scientist Association (APSA) Southern Regional Meeting in Houston at the EnMed building. MSRPP students Kiran Sankarappan (MSE Class of 2025) presented on *Three Dimensional Spinopelvic Deformity Correction Utilizing Fusion Mass Osteotomies and Kickstand Rod Technique* and MSRPP student Lokeshwar Bhenderu (DMSR Class of 2024) presented on *Electrokinetic convection enhanced delivery in an MRI environment*.

Anna Pinson, Class of 2025 research representative, helped host this meeting and will work alongside Dr. Conover this summer to host an MSRPP Fellows educational seminar.

Quality and Patient Safety Symposium: Houston Methodist Willowbrook

Houston Methodist recently hosted the Quality and Patient Safety Symposium which included podium and poster presentations highlighting efforts to improve patient care quality and safety. MSRPP student Kayla Callaway participated in a podium presentation alongside her mentor Atiya Dhala, M.D., on *Prehabilitation to Reduce Postoperative Pulmonary Complications In Surgical Oncology Patients*.



MSRPP Students Publish

Rachael Hanson, Class of 2024, was an author along side on her mentor Arpitha Chiruvolu, MD, FAAP on their paper *Effects of prophylactic probiotics supplementation on infants born very preterm or very low birth weight* recently published in the Journal of Perinatology. Rachael joined the MSRPP program two years ago under the mentorship of Dr.Chiruvolu where she has worked on this project. In November of last year she gave her MSRPP Launch Talk on this research. Click [here](#) to read their article.

Daniel Wei, Class of 2023, has published three research papers as first author during his time as an MSRPP student under the mentorship of Ashok Shetty, PhD. His works include *Treating Parkinson's disease by astrocyte reprogramming: Progress and challenges* published in Science Advances, *Can mild cognitive impairment and Alzheimer's disease be diagnosed by monitoring a miRNA triad in the blood?* published in Aging Cell, and *Complications of COVID-19 on the central nervous system: Mechanisms and potential treatment for easing long COVID* published in Aging and Disease. Dr.Shetty commends Daniel on his motivation and research interpretation and writing skills, calling him one the brightest medical students he has worked with.

Upcoming Events

MSRPP Fellows Symposium

April 14th @ 1-5 pm

MSRPP Fellows Inaugural Cohort Class of 2025 presents
Launch Talk research reports.

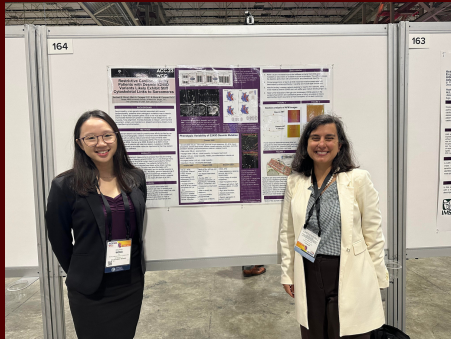
Zoom: Meeting ID: 973 7905 0959 Passcode: 460535

MSRPP Mentor Talk

April 19th @12-1pm

Jim Song, PhD., will present on: Modulation of Immune
Responses by Metabolically Engineered Bacteria.

Zoom ID: 938 8449 1399 Passcode: 604086



Rachel Wong, Class of 2024 MSR, recently presented in New Orleans at the American College of Cardiology Conference. Her work was recently published in the journal of American College of Cardiology. Click [here](#) to read!

Three MSRPP students, Jack Zeitz, Alyson Win, and Dylan Grote will be presenting in the upcoming Society for Obstetric Anesthesia and Perinatology meeting along side Dr. Hofkamp in New Orleans from May 4th-7th. Our office would like to wish them the best of luck on their presentations!



We encourage ALL MSRPP Students to submit their recent research deliverables (presentations, publications, awards, etc.) using the link below or QR code, for a chance to be featured in the MSRPP Monthly Newsletter.

https://tamu.qualtrics.com/jfe/form/SV_8oct0sFLzqQOihw

Reminders

Medical Research Colloquium

Opening Session:
May 4th 5-8:30pm
MREB II 1403

Keynote Presentation, Dinner
and MSRPP Mentor Awards

Poster Competition
May 5th 1-5pm
Virtual via Zoom

MSRPP Mentor Awards

<https://medicine.tamu.edu/omsre/faculty-awards.html>

Have Questions?

Office Hours with
Dr. Nigli

April 18th @4-5pm
Zoom ID: 971 0423 1093
Passcode: 661823

Contact Us
med-

omsre@tamu.edu

<https://medicine.tamu.edu/omsre/index.html>



TEXAS A&M UNIVERSITY
School of Medicine