

NEWSLETTER

MAY 2025



TSGP students participating in a talk back session with keynote speaker Rachael Sirianni, PhD Professor, Department of Neurological Surgery, UMass Chan Medical School during 2025 retreat.

TSGP NEWS

May 9th, 2025 our TSGP community enjoyed our annual retreat. Held at South Street Landing, the full day event included faculty talks, a keynote presentation, first year talks, and a poster session.

As we near the end of the AY we look back on the many successes enjoyed by our program and excitedly look forward to the future.

UPCOMING EVENTS

May 23-25th*Brown's 257th
Commencement*May 27th | 1:00-2:00PM*Jennifer Dumouchel
Thesis Defense*June 16th*Summer Session
classes begin*June 18th*Last day to change
courses*

FIRST YEAR TALKS

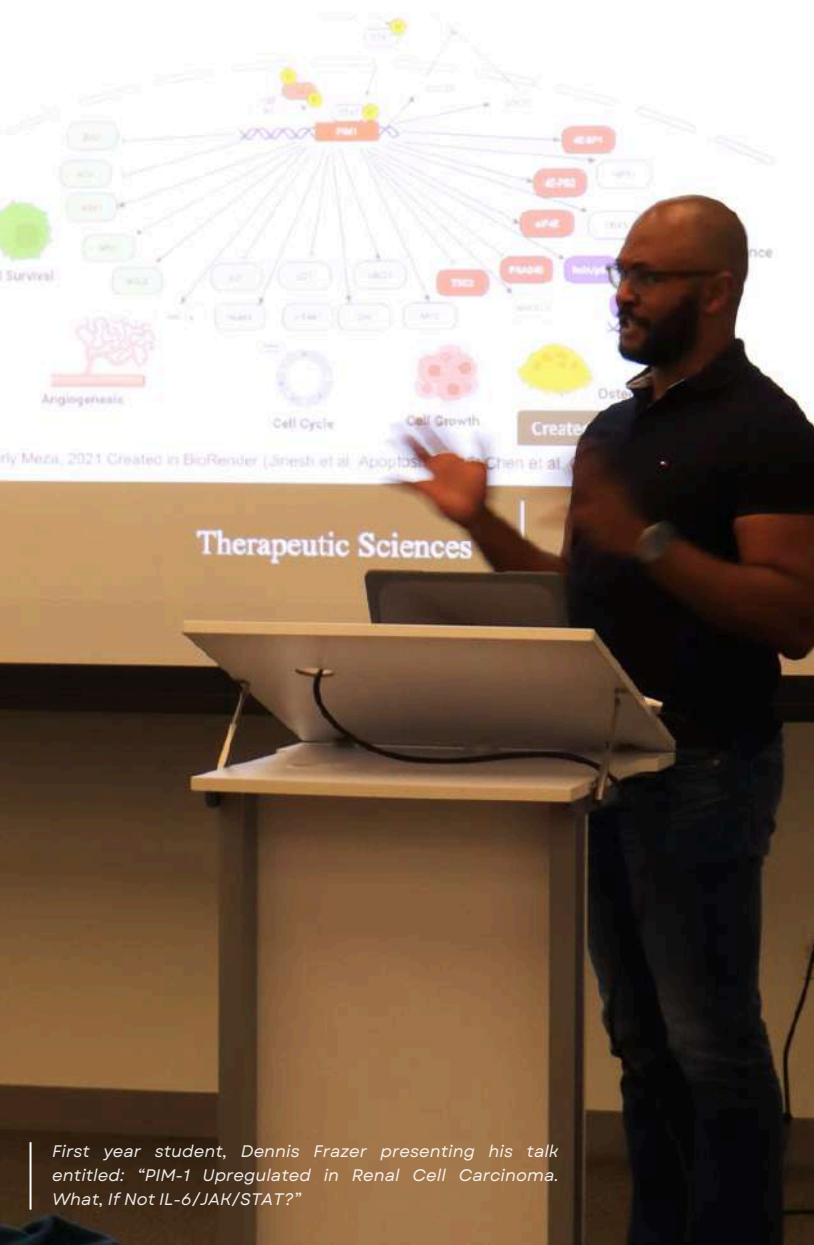
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FIRST YEAR TALKS

Congratulations to our first-year students for successfully completing their First Year Talks as part of our annual TSGP Retreat—an important milestone in the Therapeutic Sciences Graduate Program at Brown.

These presentations reflect a year of rigorous training, intellectual growth, and dedication to advancing research in therapeutic sciences. We are proud to celebrate their progress, and look forward to their continued contributions to our scientific community.



First year student, Dennis Frazer presenting his talk entitled: "PIM-1 Upregulated in Renal Cell Carcinoma. What, If Not IL-6/JAK/STAT?"

LILLIANNA HAMMONS

LAB NAME

"Uncovering the role of YTHDF3 in skeletal muscle regeneration"

AIDAN BIONDI

LAB NAME

"Discovering Small Molecules Targeting LINE-1 ORF1p"

LILLIAN KIDD

LAB NAME

"Chemoenzymatic Synthesis of Heparan Sulfate Oligosaccharides"

OLIVYA CABALLERO

LAB NAME

"Assessing BiA Toxicity in a Developing Zebrafish Model"

DENNIS FRAZER

LAB NAME

"PIM-1 Upregulated in Renal Cell Carcinoma. What, If Not IL-6/JAK/STAT?"

TYLER OWENS

LAB NAME

"Trying to Cure Cancer with L1-ORF1."

JACQUELINE REAL

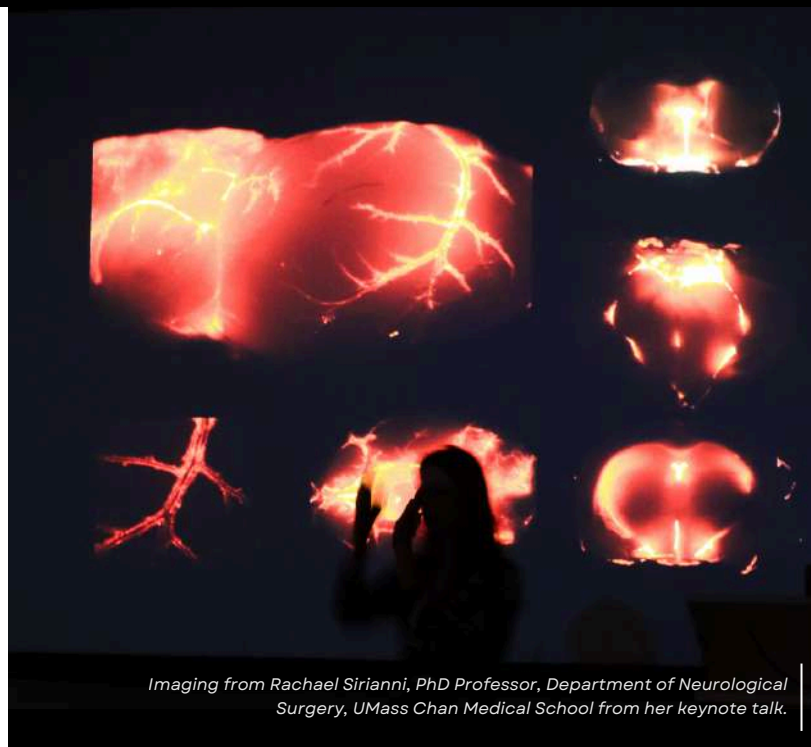
LAB NAME

"PROTAC-Mediated SHP2 Degradation as a Therapeutic Strategy for Rheumatoid Arthritis"

KEYNOTE SPEAKER

Our retreat lead up to the keynote talk by Rachael Sirianni, PhD Professor, Department of Neurological Surgery, UMass Chan Medical School.

After presenting on her research in her talk entitled: "Bench to bedside and back again: lessons in developing therapeutics for the central nervous system," Dr. Sirianni participated in an enriching talk-back session, offering our students an invaluable opportunity for deeper academic engagement.



FACULTY TALKS



JASMINE CLARK

LAWLER LAB

Clinical Rotation talk given by Grad Student, Jasmine Clark.



KAREEM EBEID

POST-DOC FELLOW, DESAI LAB

"A Universal Polymer-Based Non-Viral Gene Delivery System with Enhanced Stability"



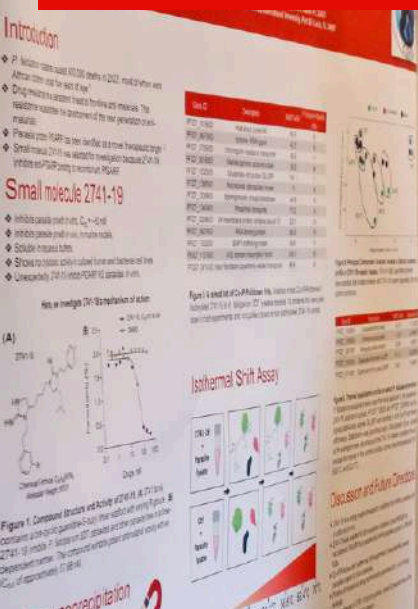
EDITH MATHIOWITZ

PROFESSOR DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE

"Therapeutic macro- and nano-spheres as oral delivery of protein"

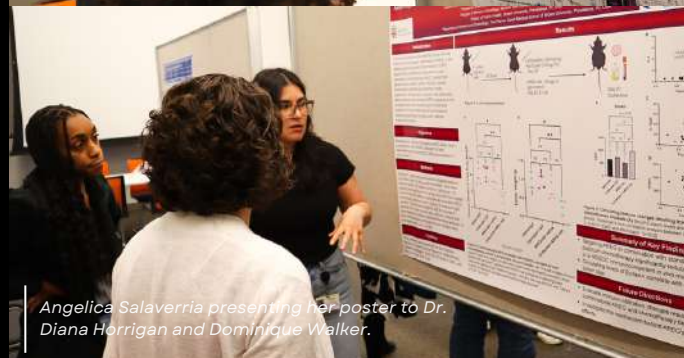


POSTER SESSION



All TSGP students were invited to present posters of their research during our annual poster session. Thank you to the faculty and invited guests for participating in this valuable experience of scientific exchange and communication.

Each poster highlighted some of the research and findings that our students have worked on over the last academic year.



GRADUATE SPOTLIGHT

Congratulations to our TSGP May Graduate, Anna Bock, PhD!

Anna Bock, PhD defended in April with her thesis, "Examining the effect of local charges on phase separation and structure of intrinsically disordered proteins."

All May grads are welcome to participate in the Doctoral Commencement Ceremony at Brown University.



CONGRATULATIONS
CLASS OF '25



PHD THESIS DEFENSE PRESENTATION

Jennifer Dumouchel

ADVISOR: DR. KATE O'CONNOR-GILES



TUESDAY

05 | 27 | 2025



1:00 - 2:00 PM



185 MEETING STREET,
SIDNEY FRANK HALL (220)

**“Role of tRNA
methyltransferases
in nervous system
development and
function”**



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Anything else you want to add for future issues of our Newsletter? Any photos to post to our Instagram page? Email Program Coordinator, Gregg Casazza for more information.

Gregg_Casazza@Brown.edu



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