



Research Advisory Committee Update – 2023

Terence S. Dermody
Executive Committee of the
Professional Staff
November 15, 2023

Research Advisory Committee Membership

- Terence Dermody*
- George Gittes
- Pat Kochanek
- Judy Martin
- Edward Prochownik**
- Kristin Ray
- Miguel Reyes-Mugica
- Kathryn Critchlow***

* *Chair*

** *Chair Subcommittee*

*** *Administrator*

Research Advisory Committee Subcommittee Membership

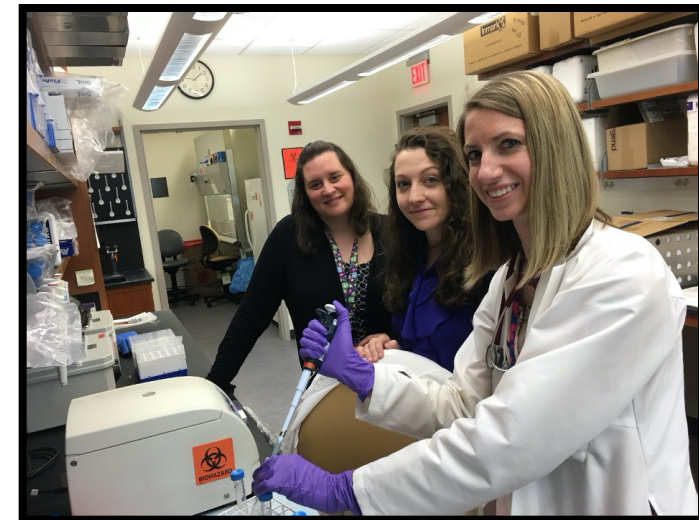
- Uma Chandran
- Henry Dong
- Arjumand Ghazi
- Eric Goetzman
- Michael Green
- Jackie Ho
- Marcus Malek
- Udai Pandey
- Edward Prochownik*
- Ana Radovic
- Nader Shaikh
- Kathryn Critchlow**

* *Chair Subcommittee*

** *Administrator*

RAC Funding Mechanisms

- ***Start-Up Grant***
 - New faculty within *five – seven* years of appointment
 - Maximum funding \$80,000 over two years
- ***Seed Grant***
 - Maximum funding \$40,000 for one year; a second year is possible with satisfactory progress
- ***Fellowship Grant***
 - Awards are for one year only
- ***Graduate Student Grant***
 - Full-time University of Pittsburgh graduate students
 - Maximum funding limited to two years for graduate stipend and fringe benefits
- ***Bridge***
 - Provides support when there is a gap in external funding
 - One-year maximum
- ***Pilot Translational Grant***
 - Clinical or basic-to-clinical translational research to develop preliminary observations
 - Maximum funding \$25,000 one year



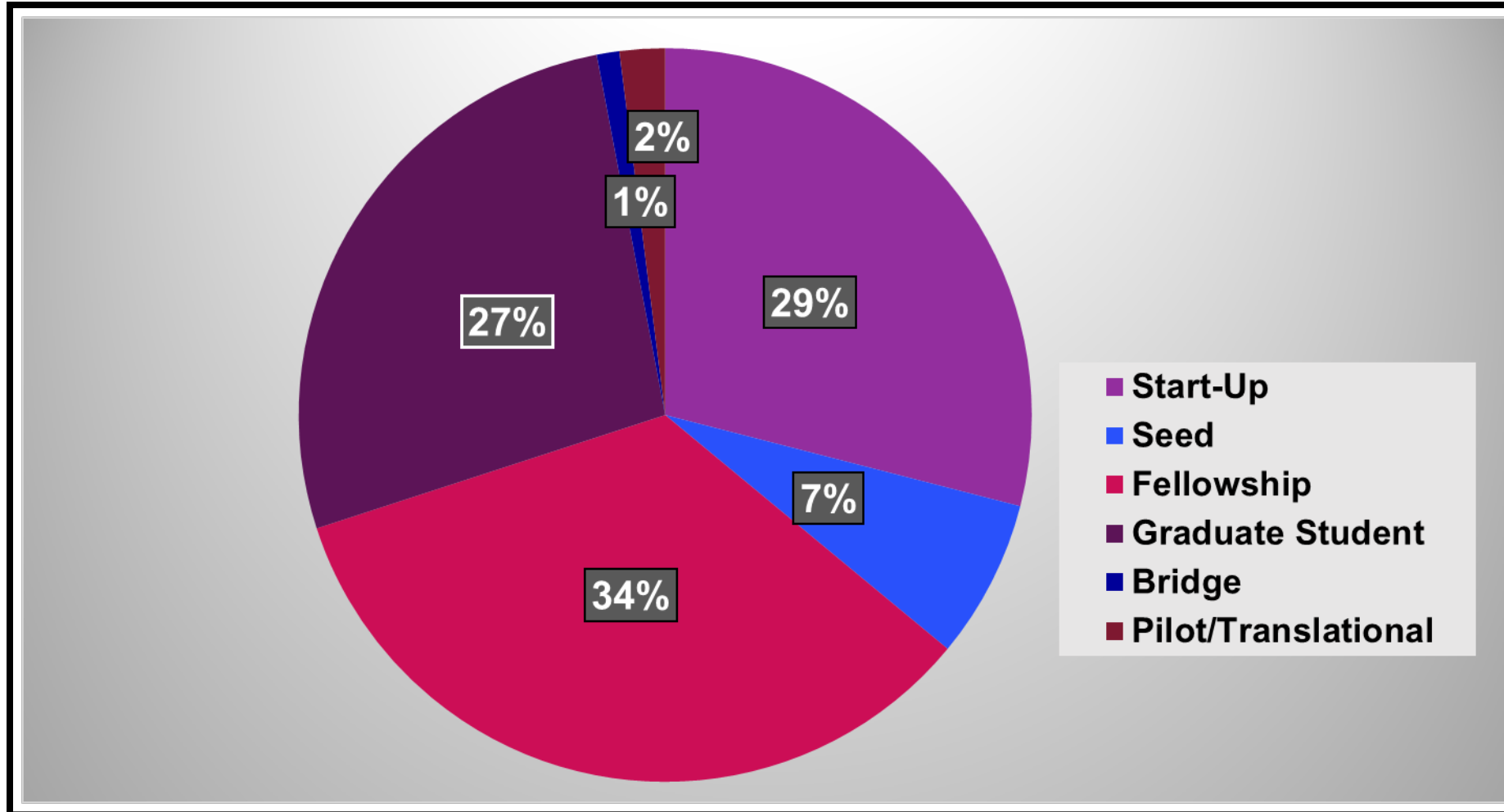
Cassie Torok Laboratory

RAC Applications – Submissions by Fiscal Year

	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>Total</u>
Start-up	1	8	4	4	5	8	7	4	11	16	11	8	8	95
Seed	1	7	1	4	2	1	5	4	7	2	5	2	1	42
Fellowship	4	4	6	8	7	6	4	13	8	17	12	13	7	109
Graduate Student	3	3	2	1	2	3	7	3	6	7	12	6	13	68
Bridge	0	0	1	0	1	1	0	0	1	0	0	1	3	8
Pilot/ Translational	NA	NA	NA	2	1	0	0	1	3	0	3	1	1	12
Total	9	22	14	19	18	19	23	25	36	42	43	31	33	334

Distribution of RAC Awards

2012-2023



Funding by Division

2012-2023

▪ Adolescent Medicine	4
▪ Allergy/Imm/Pulmonology	10
▪ Bone Marrow Transplant	1
▪ Child Development	1
▪ Developmental Biology	3
▪ Emergency Medicine	1
▪ Endocrinology/CPRM	5
▪ GAP	6
▪ Gastroenterology	13
▪ Genetics	9
▪ Hematology/Oncology	4

▪ Hospital Medicine	2
▪ Immunogenetics	4
▪ Infectious Diseases	18
▪ Neonatology	3
▪ Nephrology	11
▪ Neurology	8
▪ Physical Medicine	1
▪ Radiology	1
▪ Rheumatology	2
▪ RK Mellon Institute	9
▪ Surgery	11

RAC Financial Summary

FY 23 Budget Expenditures

<i>RAC Budget FY 23</i>	<i>\$990,824</i>
Scientific Awards FY 23	\$560,227
Summer Student Program*	\$223,575
Facility Operations/Contracts	\$99,843
Administrative Support	\$28,000

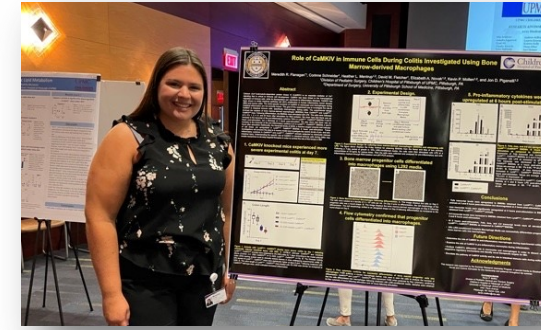
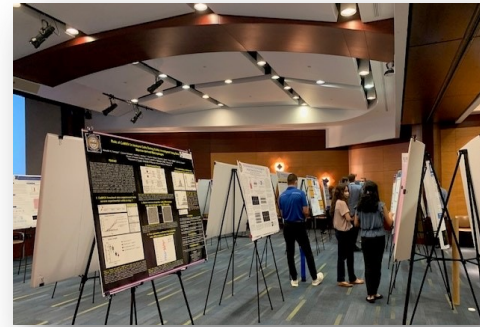
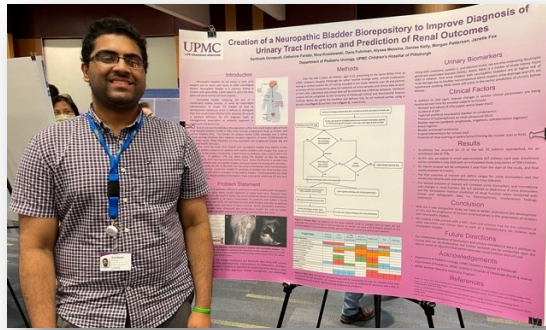
**Expenses offset from Professional Staff Fund donation, RK Mellon, and an R25 grant*

FY 24 Budget Projections

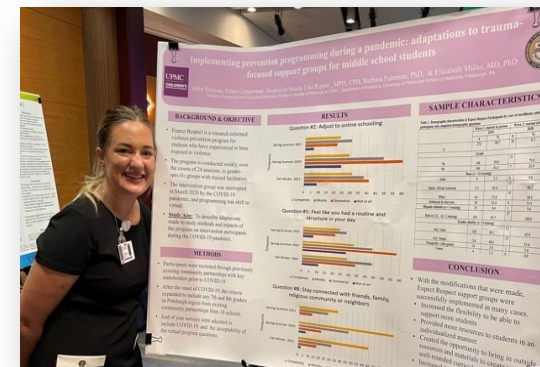
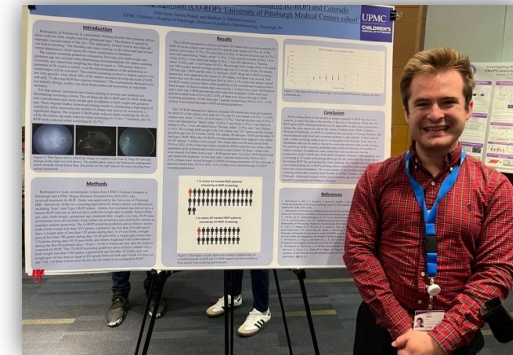
<i>RAC Budget FY 24</i>	<i>\$1,000,000</i>
Scientific Awards FY 24 _(committed)	\$412,099
Scientific Awards _(anticipated)	\$132,500
Summer Student Program*	\$250,000
Facility Operations/Contracts	\$100,000
Administrative Support	\$33,000

Expenses offset from Professional Staff Fund donation, RK Mellon, and **TWO R25 grants*

Summer Research Internship Program 2023



- **45 students** were selected from **242 applicants**
- Undergraduate enrollment was nationally diverse, with students attending **26** different colleges/universities.
- Student Sponsorship
 - 14 – Research Advisory Committee
 - 11 – RK Mellon Institute
 - 11 – R25 Kidney Workshop Grant
 - 8 – R25 Heart, Lung, Blood Workshop Grant
 - 1 – Muscular Dystrophy Association
- **41 mentors** representing **24 divisions**
- Research Presentation (*Poster Day Pictures*)



12th Annual CHP Research Symposium



- May 16, 2023 (*in person and virtual*)
 - **11 Short presentations**
 - **96 Abstracts**
 - **85 Posters**
 - 12 Resident Posters
 - Graduate Students
 - Postdoctoral Fellows (*MD and PhD*)
 - Undergraduate Students
 - Technicians
- Basic, Translational, and Clinical Research
- Keynote: **Carl Bates**
- Faculty Coordinators
 - **Katie Forster**
 - **Jackie Ho**
 - **Dwi Kemaladewi**
 - **Andy Nowalk**