

Year-long and Summer Research Fellowships/Experiences

NIH Clinical Research Campus



National Institute of
Diabetes and Digestive
and Kidney Diseases

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Wash U Medical Campus



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<http://med.umkc.edu/student-research>

Research Fellowships and Experiences

Year-long Research Fellowship
ex: NIH Medical Research
Scholars Program

**Summer Research Fellowship
Programs**
ex: Wash U Summer TL1

**Variable Length Self-
identified Opportunities**

**Quality Improvement and
Patient Safety Program**

**Certificate or Master's Degree
in Clinical Research**
UMKC Bioinformatics Program

**UMKC Master of Business
Administration- 1 year
program for UMKC med
students**

**Master's Degree in Public
Health or Public Policy**

Why take time off for research or other experiences?

- Passion for research or generating new knowledge
- Receive training and experience not in the typical medical curriculum
- Different way of critical thinking and problem solving
- Prestigious
- Prepare for residency and beyond
- Unique arrangement of curriculum allows for opportunities



St. Jude



MD Anderson

Year-long research fellowships

Year Long Extramural Research Fellowships

- Approximately June to May
- Advantageous to have some previous research experience and products (demonstrates your enthusiasm and commitment to a career as a physician scientist)
 - May require a research proposal and mentor (Wash U TL1, KU TL1, Physician Scientist Support Foundation MSRF)

Many offer a Master's Degree Option

- Wash U TL1
- KU TL1

Best time to do it

- End of year 4 for BA/MD or year 2 MD (after Step 1 is complete)
- End of year 5 for BA/MD or year 3 MD (after Step 2 is complete)

Applications typically due from November until early February

**Applications due dates are moving up earlier and earlier*

Examples of Year-Long Research Fellowship Programs

***If you are planning to apply to any of these 4 programs, please let me know by October 15.**

NIH MRSP

The National Institutes of Health
Medical Research Scholars Program

The premier pre-doctoral training program, shaping the future of health by inspiring careers in biomedical research as clinician-scientists

World class research
Access to the technical and clinical resources of over 300 NIH laboratories

Mentorship
Close supervision of research project by senior NIH investigator

Career Development
Curriculum of lectures, rounds, journal clubs, and leadership forums

Networking
Present work at local, regional, and national meetings

Qualifications/Eligibility
For U.S. citizens and permanent residents currently enrolled in an accredited medical, dental, or veterinary program and in their 2nd, 3rd, or 4th year. Interested students should have strong interest in conducting basic, clinical, or translational research

Learn more at
<https://www.cc.nih.gov/training/mrsp/>
Application deadline for Class of 2021-2022 is January 8, 2021

Questions may be directed to MRSP@mail.nih.gov

"DEDICATED TO BUILDING AN INCLUSIVE AND DIVERSE COMMUNITY"

NIH Office of Clinical Research Training and Medical Education

Follow us! @CCMedEd #NIH_MRSP

*Due Date
now Dec. 2*

*Info seminar
Oct 10 at
noon*

KU TL1

KU FRONTIERS
The University of Kansas

Children's Mercy Kansas City University of Medicine and Biosciences KANSAS STATE UNIVERSITY Saint Luke's Health System UMKC

Request for Applications
TL1 Predoctoral Clinical and Translational Research Training Program Summer 2021 Appointment
Anticipated start date: July 1

TL1 Program Directors:
Won Choi, PhD, MPH http://bit.ly/Choi_Profile
Steve Leeder, PharmD, PhD http://bit.ly/SLeeder_Profile

Meet some of our TL1 graduates: Where are they now?

PROGRAM SUMMARY
Frontiers: University of Kansas Clinical and Translational Science Institute invites applicants from all Frontiers affiliated institutions to apply to the NIH-funded 1-year TL1 Predoctoral Clinical and Translational Research Training Program. The award is specifically designed to stimulate interest in clinical research careers for MD, DO, DNP, PharmD, DPT and DDS students within the final two years of their clinical doctoral degree, by creating a dual-degree training track designed to foster active learning and clinical and translational science career development. Frontiers is wholly committed to

Wash U TL1

Washington University School of Medicine in St. Louis

INSTITUTE OF CLINICAL AND TRANSLATIONAL SCIENCES
Clinical Research Training Center

TRAINING PROGRAMS DEGREES & CERTIFICATES MENTORSHIP RESOURCES CALENDAR ABOUT

TL1 Predoctoral Clinical Research Program

Training Programs
Undergraduate Programs
Predoctoral Programs
TL1 Predoctoral Clinical Research Program
Postdoctoral Programs
Junior Faculty Programs

CRTC Predoctoral Program - WUSTL

JANE HAYES
MD CANDIDATE
SUMMER PREDOCTORAL TRAINEE

PSSF



[MSRF | The Physician-Scientist Support Foundation \(theppsf.org\)](http://theppsf.org)

Previous UMKC Fellowship Awardees

NIH

NIH Medical Research Scholars Program

Blake Montgomery 2014-2015



Dean Merrill 2015-2016



Sachin Nair 2016-2017



Grant Randall 2017-2018



Gurpreet Seehra 2018-2019



Ben Bernard 2019-2020



Vijay Letchuman 2020-2021



Elizabeth Theng 2020-2021



Sriram Paravastu 2020-2021



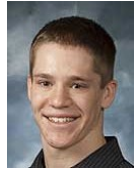
Safa Farrukh

2024-2025



Nitin Nadella

2025-2026



NIH NEI Intramural Research Award

Rishabh Gupta

2020-2021



NIH Cancer Research Training Program

Pournika Muniyandi

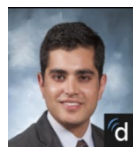
2022-2023



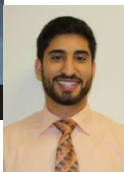
TL1 and AOA Training Programs

Washington University TL1/T32 Clinical Research Training Program

Furquann Sadiq 2014-2015



Omar Karadaghy 2016-2017



Sultan Khan 2017-2018



Subhjit Sekhon 2018-2019



Andrew Peterson 2019-2020



Siddhant Thukral 2019-2020



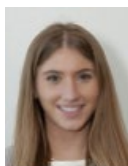
Abdullah Said 2019-2020



Sharon Sabapathypillai 2020-2021



Anna Fotouhi 2021-2022



Ameen Awad 2021-2022



Ashna Mahadev 2021-2022



Lauren Kazmaier 2022-2023



Brevin Miller 2022-2023



Preethi Tumati 2023-2024



Dean Adkins 2023-2024



Ria Dave 2024-2025

University of Kansas TL1 Clinical Research Training Program

Amanda Fletcher 2015-2016



Carlee Oakley 2017-2018



Kabir Torres 2020-2021



Jada Ohene-Agyei 2022-2023



Abbas Bader 2024-2025



AOA Carolyn L. Kuchin Student Research Award

Comron Hassanzadeh 2017-2018



Siddharth Balaji 2022-2023



Nitin Nadella 2023-2024



Ortho Specific

Washington University Orthopedic Research Fellowship

Rohit Siddabattula

2024-2025



Mayo Clinic Orthopedic Surgery Artificial Intelligence Lab

Elizabeth Kaji

2022-2023



Orthopedic Sports Medicine Fellowship University of Kentucky

Kashif Javid

2022-2023



Orthopedic Sports Medicine Research Fellowship Mayo Clinic

Sandeep Yanamala

2024- 2025



Derm Specific

Northwestern Dermatology Clinical Research

Vivek Singam

2017-2018

Vishnu Harikumar

2019-2020

Sneha Poondru

2022-2023

Victoria Shi

2023-2024

Joycie Chang

2024-2025



University of Nebraska Dermatology Research Year

Anyu Kumar

2024-2025



University of California Davis Dept Dermatology Wound Healing Research Fellowship

Pooja Shet

2024-2025



Urology Specific

**Grainger Research Urology Fellowship
Mayo Clinic**

Chloe Shi

2024-2025



Radiology Specific

**John's Hopkins Research in Interventional
Radiology**

Hannah Abraham

2024-2025

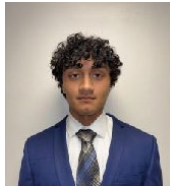


Health Research and Education

**Stanford CARE (Center for Asian Health
Research and Education)**

Anya Kumar

2024-2025



Yearlong training option: Master's of Public Health/ Public Administration/ Healthcare Policy



Divya Jain- Jerome H. Grossman, M.D.
Graduate Fellowship
Harvard Kennedy School of Government,
two-year master's degree in public policy



Shaan Patel- Master's of Public Health
Columbia



Imaima Casubhoy- MPH John's Hopkins



Caleb Feuerbacher MPH Harvard

USN Best Public Health Programs - T X +

https://www.usnews.com/best-graduate-schools/top-health-s

NAME/RANK

Program Rankings ^

Health ▾

Public Health ▾

School Name ^

School Name

Location ^

City, State or ZIP

Johns Hopkins University
Baltimore, MD
#1 in Public Health
Save

University of North Carolina--Chapel Hill
Chapel Hill, NC
#2 in Public Health
Save

Harvard University
Boston, MA
#3 in Public Health
Save

Columbia University
New York, NY
#4 in Public Health (tie)
Save

Emory University
Atlanta, GA
#4 in Public Health (tie)
Save

University of Michigan--Ann Arbor
Ann Arbor, MI
#4 in Public Health (tie)
Save

Other Options

Self-initiated volunteer experiences:

Year-long dermatology research at University of Southern California
Research at Rappaport Faculty of Medicine Rambam Medical Center, Israel
Research at Weill Cornell Medical School
Research at Hospital for Special Surgery
George Washington Orthopedic Surgery
UC-Irvine- Ophthalmology summer research
Research Intern at Biotechnology Therapeutics San Diego

Graduate Certificate in Clinical Research

<http://med.umkc.edu/gc-clinical-research/>

Master of Science in Bioinformatics

<http://med.umkc.edu/msb/>

Yearlong training option:

Become a leader in Quality Improvement & Patient Safety

- **Competitive** application-based enrollment
 - Applications due by 5pm on Friday, December 13, 2024
 - Accepting up to 10 students annually (current year 4 & 5 students)
- QIPS Scholars
 - 18-month **experiential**, project-focused curriculum beginning in May 2025 (Block 13 elective) with a modified timeline for Year 6 students.
 - **Mentorship** from physician leaders and other QIPS leaders across the affiliate programs
- Culminates in a **commendation** titled “Distinction in Healthcare Quality & Patient Safety” upon graduation (upon fulfilling criteria)
- *Contact Sari Cantrell at sbcantrell@cmh.edu for more information*



Image source: <https://www.chesshealthsolutions.com/2023/08/01/the-quintuple-aim-what-is-it-and-why-does-it-matter/>

Summer Research Fellowships

-*NIH, Wash U, Mayo, MD Anderson, St. Jude, Vanderbilt, Boston, etc.*

-Between- 6-12 weeks starting in May or June

-Typically, do not need much previous research experience

-Usually in a specialty area

-*Underrepresented Medical Student Opportunities*

-Typically includes Black/African-American, Hispanic or Latinx,
American Indian / Alaskan Native, Hawaiian

-May include disadvantaged backgrounds

-*Affiliated hospitals- Children's Mercy Hospital*






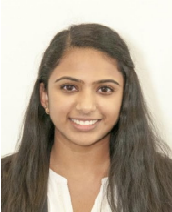















Best time to do it

-Summer of year 4 or 5 if you have a campus semester (BA/MD) or free elective time (back-to-back elective blocks or leave of absence (MD))

-Applications due from November until March

Previous UMKC Fellowship Awardees

Washington University Summer TL1 Research Training Program

Vishwanath Ganesan	2018							
Yicheng Bao	2018							
Sriram Paravastu	2019							
Sky Cope	2019							
Ishaan Jakhar	2019							
Sneha Poondru	2020							
Pournika Muniyandi	2020							
Tricia Carey	2020							
Shiva Balasubramanian	2021							
Matthew William	2021							
Anika Mittal	2021							
Stuti Dala	2022							
Sofia Laux	2022							
Srujay Pandiri	2022							
Khyathi Thallapureddy	2023							
Adeesh Parvathaneni	2023							
Joycie Change	2023							
Grace Steinback	2023							
Lauren Baetje	2023							
Anya Kumar	2023							
Sriram Zassenhaus	2023							
Benjamin Kazdan	2023							

Washington University Summer TL1 Research Training Program

Cameran Jones 2024

Ria Dave 2024

Sophie Li 2024

Monisha Balaji 2024

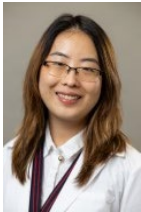
Pooja Shet 2024

Suchita Karnati 2025

Annika Tsay 2025

Julia Jose 2025

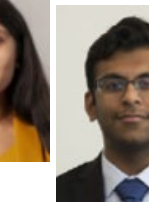
Fatimah Hussain 2025



NIDDK

NIDDK Med. Student Research Training Prog., in Diabetes, Obesity, and Metabolic Disorders

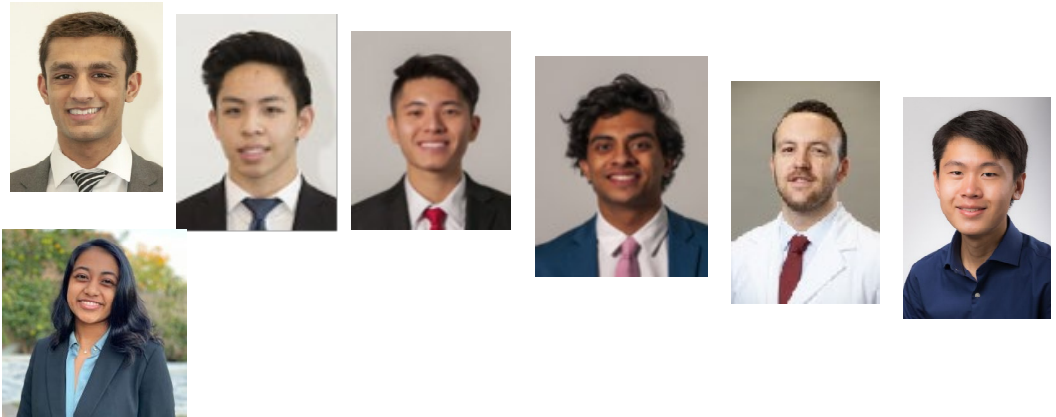
Yicheng Bao (Wash U)	2016
Muhammed Alikhan (Vanderbilt)	2016
Ben Bernard	2017
Rohan Ahuja (Vanderbilt)	2020
Harinee Arunachalam (Boston)	2020
Victoria Shi (Wash U)	2021
Karishma Kondapalli (Wash U)	2021
Nila Palaniappan (Wash U)	2021
Amit Ahluwalia (Wash U)	2022
Neil Shah (Wash U)	2022
Neehar Shah (Michigan)	2022
Keerti Ivaturi (Michigan)	2022
Dalton Hermanson (Alabama-Birmingham)	2022
Sriya Korsaraju (Wash U)	2023
Harsha Nalam (U of Chicago)	2023
Rithvik Talluri (Michigan)	2024
Nina Zhu (Boston)	2024
Rohit Rajput (Wash U)	2024
Rayaan Rauf (U Illinois Chicago)	2024
Bethany Bockelman (Wash U)	2024
Amulya Manchikanti (Michigan)	2025
Nivitha Kandula (Michigan)	2025
Iqra Mohammed (Northwestern)	2025



NIDDK/NIH

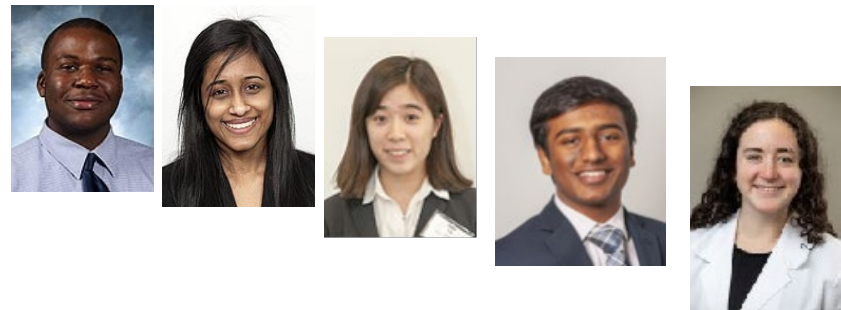
Vanderbilt NIDDK Student Research Training Program

Neal Shah	2020
Felix Yang	2022
Daniel Song	2023
Krish Sardesai	2023
Treiy Tinich	2024
Eric Chai	2024
Shravani Khisti	2025



NIH Summer Internship Program

Chizi Ibezim	2017
Rashmi Thimmapuram	2018
Ellie Kaji	2021
Nitin Nadella	2023
Leah Snidman	2024



Oncology

MD Anderson Cancer Center Summer Research Program

Sanju Eswaran	2015
Yen Luu	2019
Rishabh Gaur	2024
Shekhar Gugnani	2025



St. Jude Children's Research Hospital Pediatric Oncology Education Program

Vishnu Harikumar	2017
Sidharth Ramesh	2020



Leah Menshouse Springer Summer Research Program Siteman Cancer Center

Neha Gutta	2022
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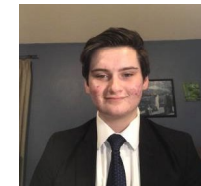
Mayo Clinic Dean's Scholar Program

Jessica Anyaso	2020
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KU Radiation Oncology Summer Research Program

Shveta Thakkar	2018
Nicholas Johnson	2024



Anesthesiology

Foundation for Anesthesia Education and Research- FAER

Mundeep Bawa	2019
Anna Curtis (Utah)	2020
Shubika Jain (Harvard)	2021
Heer Mehta (Wash U)	2023
Nabeel Rasheed (Boston- Mass General)	2023
Arkadeep Ghosh (Michigan)	2025
Michelle Wu (KU)	2025



Vanderbilt Anesthesia Summer Internship

Arkadeep Gosh	2023
Vedvignesh Gorjala	2024



Stanford Chariot Summer Fellowship Program

Luna Muhamad	2025
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Pediatrics

Nationwide Injury Research Pediatrics

Holden Joynes

2023



Washington University Pediatric Student Research

Priyasha Bijlani

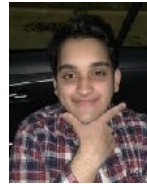
2017



JACK's summer Scholars Program

Asad Siddiqui (VCU)

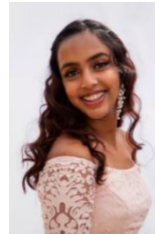
2024



NYU Grossman School of Medicine Pediatrics Med Student Summer Research Fellowship

Aishani Vengala

2024



Radiology

Mallinckrodt Institute of Radiology Summer Research Program

Eric Errampalli

2023



Lasya Daggumati

2024



Cole Crossman

2024



Brody Whalen

2025



Society of Interventional Radiology Summer Medical Internship Program

Herschel Gupta

2021



Mira Malavia (Colorado)

2022



MD Anderson Summer Imaging Research Program

Dharti Patel

2023



Cardiovascular

Harvard Longwood Research Training Program in Vascular Surgery

Anuhya Dayal 2023



Tejas Saravanan 2024

Wash U Cardiovascular Disease and Hematology Track

Emmanuella Alawode 2023



Stanford CVI Summer Research Program

Anh Luu 2024



Emergency Medicine

Wash U Emergency Medicine and Emergency Care Research Guided Experience

Khushi Patel

2023

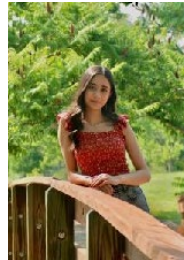


Dermatology

UCSF Dermatology Medical Student Summer Research Fellowship

Riya Bhat

2025



Physical Medicine and Rehabilitation

Northwestern University Physical Med and Rehab

Rekha Swamy

2024



RREMS PM&R Research Columbia

Shreya Chalapalli

2025



Neuro and Vision

Unite for Sight

Carter Coleman

2024



Neurosurgery William Hunt Summer Research Program (OSU)

Abbey Jin

2023



Shravani Khisti

2024



Psychiatry

American Psychiatric Association Externship in Addiction Psychiatry

Carlee Oakley

2017



Rheumatology

University of Washington Summer Research Program in Rheumatology (T32)

Divya Jain

2019



Public Health

Washington University Public Health

Ella Kinder

2022

Grace Duff

2024



Other and Undergraduate Research Opportunities

UT Southwestern Summer Research Program

Rohma Zaidi

2024



UIC Summer Research Program

Harish Karthikeyan

2024

Alyaa Elsayed (Pediatrics)

2024



Northwestern University Comprehensive Transplant Center Summer Student Immersion Program

Simren Mahajan

2024



American Sexually Transmitted Diseases Association Summer Research Fellowship- University of Washington

Victoria Cegielski

2022



Application Process

- Discuss with your ETC
- Discuss with Dr. Wacker, he can send you sample responses
- Petition COC if doing during summer campus (do not need to petition if out-of-town research elective)
- Plan your application far in advance
 - Personal Statements/questions/essays
 - Support Letters
 - Grant Proposal (for some programs)

Important items to convey in a personal statement:

- Your passion for research
- Your future career goals
- You are well-positioned to take on this research opportunity.
- You need this critical training that will be necessary to fill your gap in knowledge and fulfill your goal of becoming a physician scientist.

Important items to convey in your grant proposal

- Clear and well thought out aims (worked on this with your mentor in advance)
- Project can be completed in a year
- Abstracts and Publications that will come out of it

Travel Resources to present research

<http://med.umkc.edu/student-research/travel-resources/>

SOM Ida Bamberger Memorial Research Travel Award Request

To support students presenting research at conferences. Fill out form and submit.

SOM Sarah Morrison Student Research Award

<https://med.umkc.edu/student-research/sarah-morrison/>

Provides funds for students conducting research. Will need a well-designed research project with a mentor, budget, letters of recommendation, and CV. Can be used for the research project and/or student travel to conferences

SOM HRSA Rural Health Research Scholarship: Up to \$2,000 reimbursement for travel to present research or research project expenses. To support students conducting research on a health issue disproportionately affecting rural or medically underserved populations, utilizing rural or tribal patients in a clinical study, or utilizing rural or tribal patient databases in a study. Application form will be posted soon.

UMKC Office of Student Involvement Research Travel Request

Information can be found on the SOM student research website.

UMKC Women's Council Graduate Assistance Fund: The Graduate Assistance Fund (GAF) provides financial support to women currently enrolled in graduate programs at UMKC. The GAF also extends to women in professional student programs in the schools of Dentistry, Law, Medicine and Pharmacy. It is designed to facilitate studies and to enrich and encourage educational experiences.



Helping Women Graduate Students

Immediate Aid is available for applicants who need funding prior to or after the regular GAF process. The difference being Immediate Aid offers funding up to \$1,000 vs. the regular GAF application process funds up to \$2,000.

GENERAL INFORMATION

The UMKC Women's Council established the Graduate Assistance Fund (GAF) fellowships in 1971 to assist UMKC women students in post-baccalaureate approved programs. The funds are designed to assist with the completion of requirements for graduate and first professional degrees, to help facilitate studies beyond the classroom along with enriching and encouraging educational experiences. A maximum of \$2,000 may be requested. Please keep in mind, the average GAF award is closer to \$1,000.

ELIGIBLE APPLICANTS

UMKC women graduate students in a post-baccalaureate approved program of study in A&S, SBS, BSOM, Conservatory, SOE, SCE, Graduate Studies, Nursing and first professional women students in Dentistry, Law, Medicine and Pharmacy. A student may only submit one application to the Women's Council per year. Students funded in previous years may reapply as long as a final report is on file in the Women's Council office.