Year-long and Summer Research Fellowships/Experiences

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

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NIH
National Institute of Diabetes and Digestive and Kidney Diseases

St. Jude

MD Anderson

Wash U Medical Campus

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**Different types of opportunities:**

- Year long Research Fellowships
- Summer Fellowships
- Master’s Degree programs
- QIPS Scholars
- Research electives at another institution
- Variable length volunteer researcher

**Why do a Research Fellowship?**

- Passion for research or generating new knowledge
- Receive training and experience not in the typical curriculum
- Different way of critical thinking and problem solving
- Prestigious
- Residency training
Yearlong Research Fellowships/Experiences

- NIH Medical Research Scholars Program
- TL1 Clinical Training programs
- Volunteer

- Certificate in Clinical Research
- Bioinformatics

- Quality Improvement and Patient Safety
- Master’s Degree in Public Health or Public Policy
Examples of Year-Long Research Fellowship Programs

**Medical Research Scholars Program**

**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.

**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/](https://www.cc.nih.gov/training/mrsp/)

Application deadline for Class of 2021-2022 is January 8, 2021.

Questions may be directed to: MRS@nih.gov

"DEDICATED TO BUILDING AN INCLUSIVE AND DIVERSE COMMUNITY"

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**TL1 Predoctoral Clinical and Translational Research Training Program Summer 2021 Appointment**

Anticipated start date: July 1

**TL1 Program Directors:**

Wen Chen, PhD, MPH [https://bli/hh/Chen Profile]
Stevie Leeder, PharmD, PhD [https://bli/hh/Leeder Profile]

Meet some of our TL1 graduates:

- Where are they now?

- Amanpreet Kaur, MD 2019 TL 1 Graduate Duke University Department of Surgery Resident
- Ebony Ormsbee, MD 2023 TL 1 Graduate University of Kansas Internal Medicine Student
- Stephanie Anthony, MD 2023 TL 1 Graduate University of Kansas Medical Center Medical Student

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**Clinical Research Training Center**

**INSTITUTE OF CLINICAL AND TRANSLATIONAL SCIENCES**

**TL1 Predoctoral Clinical Research Program**

**Training Programs**

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

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**Washington University School of Medicine in St. Louis**

**Clinical Research Training Center**

**TL1 Predoctoral Clinical Research Program**

**Training Programs**

- Undergraduate Programs
- Predoctoral Programs
- TL1 Predoctoral Clinical Research Program
- Postdoctoral Programs
- Junior Faculty Programs
A few more details on 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)

-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
### Previous UMKC Fellowship Awardees

<table>
<thead>
<tr>
<th>NIH Medical Research Scholars Program</th>
<th>Washington University TL1/T32 Clinical Research Training Program</th>
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<tbody>
<tr>
<td>Dean Merrill 2015-2016</td>
<td>Omar Karadaghy 2016-2017</td>
</tr>
<tr>
<td>Sachin Nair 2016-2017</td>
<td>Sultan Khan 2017-2018</td>
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<td>Grant Randall 2017-2018</td>
<td>Subhjit Sekhon 2018-2019</td>
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<tr>
<td>Vijay Letchuman 2020-2021</td>
<td>Abdullah Said 2019-2020</td>
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<tr>
<td>Elizabeth Theng 2020-2021</td>
<td>Sharon Sabapathypillai 2020-2021</td>
</tr>
<tr>
<td>Sriram Paravastu 2020-2021</td>
<td>Anna Fotouhi 2021-2022</td>
</tr>
<tr>
<td>Madhavi Murali 2021-2022</td>
<td>Ameen Awad 2021-2022</td>
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<td>Yen Luu 2021-2022</td>
<td>Ashna Mahadev 2021-2022</td>
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<td>Christy Nwankwo 2021-2022</td>
<td>Lauren Kazmaier 2022-2023</td>
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<td>Brevin Miller 2022-2023</td>
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NIH NEI Intramural Research Award
Rishabh Gupta  2020-2021

NIH Cancer Research Training Program
Pourhika Muniyandi  2022-2023

AOA Carolyn L. Kuchein Student Research Award
Comron Hassanzadeh  2017-2018
Siddharth Balaji  2022-2023

Northwestern Dermatology Clinical Research
Vivek Singam  2017-2018
Vishnu Harikumar  2019-2020
Sneha Poondru  2022-2023

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
Other Year-long Research Options

Other Experiences:

Jeena Sandhu Year-long dermatology research at University of Southern California
Ben Bernard Summer research at the Rappaport Faculty of Medicine Rambam Medical Center, Israel
Kavelin Rumalla Summer research at Weill Cornell Medical School
Adithi Reddy Summer research at MD Anderson Cancer Institute
Mitali Thanawala Year-long research internship- MASALA- Mediators of Atherosclerosis in South Asians Living in America

Som Singh and Donya Jahandar Research at Hospital for Special Surgery
Sophie Bernstein George Washington Orthopedic Surgery research over the summer
Fahad Qureshi UAB Orthopaedic Surgery research over the summer
Rithika Ginjupalli Wash U research
David Morcos UC-Irvine- Opthalmology summer research
Saira Alvi Northwestern Summer Research Dermatology
Lexi Young 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:
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
Stand Out as a QIPS Scholar:
Become a leader in Quality Improvement & Patient Safety

- **Competitive** application-based enrollment
  - Applications open late 2022
  - Accepting up to 10 students annually (current year 4 & 5 students)

- **QIPS Scholars**
  - 12- to 18-month **experiential**, project-focused curriculum beginning in May 2023 (Block 13 elective)
  - 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

- **Contact Sari Cantrell at sbcantrell@cmh.edu for more information**
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
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

Vanderbilt Student Research Training Program

Neal Shah 2020
Felix Yang 2022
**NIH Summer Internship Program**
Chizi Ibezim 2017
Rashmi Thimmapuram 2018
Ellie Kaji 2021

**Washington University Pediatric Student Research**
Priyesha Bijlani 2017

**Washington University Aging and Neurological Diseases- Public Health**
Ella Kinder 2022

**Society of Interventional Radiology Summer Medical Internship Program**
Herschel Gupta 2021
Mira Malavia (Colorado) 2022

**Foundation for Anesthesia Education and Research- FAER**
Mundee Bawa 2019
Anna Curtis (Utah) 2020
Shubika Jain (Harvard) 2021
George Washington Univ. Summer Research Internship
Dept. of Emergency Med.
Akash Jani 2017

St. Jude Children’s Research Hospital Pediatric Oncology Education Program
Vishnu Harikumar 2017
Sidharth Ramesh 2020

MD Anderson Cancer Center Summer Research Program
Sanju Eswaran 2015
Yen Luu 2019

Mayo Clinic Dean’s Scholar Program
Jessica Anyaso 2020

American Psychiatric Association Externship in Addiction Psychiatry
Carlee Oakley (Declined; accepted TL1 Fellowship) 2017

University of Washington Summer Research Program in Rheumatology (T32)
Divya Jain 2019

Leah Menshouse Springer Summer Research Program
Siteman Cancer Center
Neha Gutta 2022
KU Radiation Oncology Summer Research Program
Shveta Thakkar 2018

KU CTSA Summer Fellowship
Shrushti Mehta 2018
Shaan Patel 2019

American Sexually Transmitted Diseases Association
Summer Research Fellowship- University of Washington
Victoria Cegielski 2022
Application

-Discuss with your ETC
-Discuss with Dr. Wacker
-Petition COC to make sure it works with your schedule
-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 your 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/Tribal Health Research Scholarship: Up to $1,500 reimbursement for travel to present research or research project expenses. To support students conducting research on a health issue disproportionately affecting rural or Native American 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.
Established in 1970, Martha Jane Starr made the first gift of $1,000 and the first award of $750 was given in May 1971 to 5 female graduate students.

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*GAF application information may be found under the GAF Recipients tab/*Information for GAF Applicants page*.*