Year-long and Summer Research Fellowships/Experiences
http://med.umkc.edu/student-research

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**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

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

Yearlong Research Fellowships/Experiences

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 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 at local, regional, and national meetings.

**TL1 Predoctoral Clinical and Translational Research Training Program**

- Anticipated start date: July 1
- 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 attracting and welcoming diverse early stage researchers to the institutions. Underrepresented minorities and those from disadvantaged backgrounds are strongly encouraged to apply.

**Clinical Research Training Center**

- TL1 Predoctoral Clinical Research Program

**INSTITUTE OF CLINICAL AND TRANSLATIONAL SCIENCES**

**Training Programs**

- Undergraduate Programs
- Predoctoral Programs
- TL1 Predoctoral Clinical Research Program
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

**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
Madhavi Murali 2021-2022
Yen Luu 2021-2022
Christy Nwankwo 2021-2022
Jacob Tribble 2022-2023
Manasa Gadiruju 2022-2023

**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 2022-2023
NIH NEI Intramural Research Award
Rishabh Gupta 2020-2021

NIH Cancer Research Training Program
Pourinka 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

Kashif Javid  
Orthopedic Sports Medicine Fellowship University of Kentucky

Elizabeth Kaji  
Mayo Clinic Orthopedic Surgery Acritical Intelligence Lab (OSAIL)

**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

Caleb Feuerbacher MPH Harvard
Stand Out as a QIPS Scholar: 
Become a leader in Quality Improvement & Patient Safety

- **Competitive** application-based enrollment
  - Applications open from 11/14/23 to 12/12/23
  - 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

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
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<tbody>
<tr>
<td>Vishwanath Ganesan</td>
<td>2018</td>
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<tr>
<td>Yicheng Bao</td>
<td>2018</td>
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<tr>
<td>Sriram Paravastu</td>
<td>2019</td>
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<tr>
<td>Sky Cope</td>
<td>2019</td>
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<td>Ishaan Jakhar</td>
<td>2019</td>
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<tr>
<td>Sneha Poondru</td>
<td>2020</td>
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<td>Pournika Muniyandi</td>
<td>2020</td>
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<tr>
<td>Tricia Carey</td>
<td>2020</td>
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<tr>
<td>Shiva Balasubramanian</td>
<td>2021</td>
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<tr>
<td>Matthew William</td>
<td>2021</td>
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<tr>
<td>Anika Mittal</td>
<td>2021</td>
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<tr>
<td>Stuti Dala</td>
<td>2022</td>
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<tr>
<td>Sofia Laux</td>
<td>2022</td>
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<tr>
<td>Srujay Pandiri</td>
<td>2022</td>
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<tr>
<td>Khyathi Thallapureddy</td>
<td>2023</td>
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<tr>
<td>Adeesh Parvathaneni</td>
<td>2023</td>
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<tr>
<td>Joycie Change</td>
<td>2023</td>
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<td>Grace Steinback</td>
<td>2023</td>
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<td>Lauren Baetje</td>
<td>2023</td>
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<tr>
<td>Anya Kumar</td>
<td>2023</td>
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<tr>
<td>Sriram Zassenhaus</td>
<td>2023</td>
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<tr>
<td>Benjamin Kazdan</td>
<td>2023</td>
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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 Arunchalam (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

Vanderbilt Student Research Training Program

Neal Shah 2020
Felix Yang 2022
Daniel Song 2023
Krish Sardesai 2023
NIH Summer Internship Program
Chizi Ibezim 2017
Rashmi Thimmapuram 2018
Ellie Kaji 2021
Nitin Nadella 2023

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
Mundeep Bawa 2019
Anna Curtis (Utah) 2020
Shubika Jain (Harvard) 2021
Heer Mehta (Wash U) 2023
Nabeel Rasheed (Boston- Mass General) 2023
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

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

MD Anderson Summer Imaging Research Program
Dharti Patel 2023

Leah Menshouse Springer Summer Research Program
Siteman Cancer Center
Neha Gutta 2022

Mayo Clinic Dean’s Scholar Program
Jessica Anyaso 2020
KU Radiation Oncology Summer Research Program
Shveta Thakkar 2018

KU CTSA Summer Fellowship
Shrushti Mehta 2018
Shaan Patel 2019

Vanderbilt Anesthesia Summer Internship
Arkadeep Gosh 2023

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

Harvard Longwood Research Training Program in Vascular Surgery
Anuhya Dayal 2023

Wash U Cardiovascular Disease and Hematology Track
Emmanuella Alawode 2023

Mallinckrodt Institute of Radiology Summer Research Program
Eric Errampalli 2023

Hunter Summer Scholars Program Ohio State U.
Abby Jin 2023

Nationwide Injury Research Pediatrics
Holden Joynes 2023

Minority Ophthalmology Mentoring Program
Regina Scott 2023
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.