



**ONE-YEAR MEDICAL STUDENT
RESEARCH FELLOWSHIP
INFORMATION**

**Prepared by
The Office of Student Research
Yale University School of Medicine**

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Associate Deans, Office of Student Research

The Office of Student Research was established to assist students with the planning, implementation and completion of research leading to a thesis. This office provides three types of stipend support for student investigators. These are: 1) Summer Research Stipends, 2) Short-Term Student Research Stipends, and 3) One- Year Medical Student Research Fellowships. The School encourages many students to consider a fifth year of medical school and devote it exclusively to research training. Drs. Chaudhry and Herzog are available, by appointment, to advise and assist students in these applications.

Nancy Angoff, MD, MPH, MEd

Email: nancy.angoff@yale.edu

Professor; Associate Dean of Student Affairs

Dean Angoff is speaking about the benefits of engaging in full time research during the fifth year of medical school. Note, as of November 1, 2021, please cc. Dr. John Francis on inquiries regarding a 5th year at john.francis@yale.edu.

Ryan Borg

Email: ryan.borg@yale.edu

Program Manager, IMPACT, Yale School of Public Health

Ryan Borg is the representative at Yale School of Public Health for the [Global Health Equity Scholars Fellowship](#) and is available to speak with students interested in this opportunity.

Lloyd Cantley, MD

Email: lloyd.cantley@yale.edu

C.N.H. Long Professor of Medicine (Nephrology), Professor of Cellular and Molecular Biology, and Co-director of Education, Yale Center for Clinical Investigation

Dr. Cantley is the Scientific Contact for the Yale Center for Clinical Investigation (YCCI) Multidisciplinary Predoctoral Training Program. This program is a one-year fellowship opportunity for predoctoral students in Medicine, Nursing, Public Health and Engineering who are engaged in translational research and committed to team science that crosses disciplinary boundaries.

Daniel Greif, MD

Email: daniel.greif@yale.edu

Associate Professor of Medicine (Cardiology)

Dr. Grief is Assistant Professor of Medicine (Cardiology) and a previous recipient of the Sarnoff Fellowship. He is the YSM Sarnoff representative and available to answer questions regarding the Sarnoff Fellowship.

N’Kenge Haines

Director of Financial Aid, YSM

Email: nkenge.haines@yale.edu

N’Kenge Haines is the Director of Financial Aid at Yale School of Medicine. She is available to speak to students interested in a fully-funded fifth year about any implications to their financial aid package.

Robert Harper-Mangels, PhD

Assistant Dean, Graduate School

Email: robert.harper-mangels@yale.edu

Robert Harper-Mangels is the Assistant Dean and Fulbright Program Adviser for Yale Graduate School of Arts and Sciences and Professional School students.

Sheela Shenoi, MD, MPH

Assistant Professor of Medicine (AIDS), Yale School of Medicine

Email: sheela.shenoi@yale.edu

Dr. Shenoi is an Assistant Professor of Medicine in Infectious Diseases, and a previous recipient of Fogarty (now known as the Global Health Equity Scholars) and Fulbright awards, who conducts clinical research in South Africa, Liberia, and Ukraine. She is available to discuss opportunities for global health research. The Yale Endowed/Sponsored Fellowships (Gardner, Gershon, & Hirsch) are also available to support international work.

Serena Spudich, MD, MA

Gilbert H. Glaser Professor of Neurology; Division Chief, Neurological Infections & Global Neurology; Co-director, Center for Neuroepidemiology and Clinical Neurological Research

Email: serena.spudich@yale.edu

Dr. Spudich is a previous recipient of the Sarnoff Fellowship and is available by email to interested students.

Overview of One-Year Medical Student Research Fellowships

Approximately 25-35 students per year receive competitive one-year medical student research fellowships funded by various sources through separate applications arranged by the Office of Student Research. The stipends vary from \$25,836 to \$37,000 per year. Sources of funding are as follows:

1. **American Heart Association: Founders Affiliate Medical Student Research Program**

The American Heart Association Health Sciences Student Research Program is designed to encourage advanced health science students to consider a career in cardiovascular research.

For further information see: <https://www.heart.org/en/affiliates/founders-affiliate-student-research-opportunities>

2. **American Heart Association: Predoctoral Fellowship**

To enhance the integrated research and clinical training of promising students who are matriculated in pre-doctoral or clinical health professional degree training programs and who intend careers as scientists, physician-scientists or other clinician-scientists, or related careers aimed at improving global cardiovascular health.

Electronic submission to Grants@Heart:

https://professional.heart.org/professional/ResearchPrograms/ApplicationInformation/UCM_443316_Predoctoral-Fellowship.jsp

3. **American Society of Hematology: ASH Physician-Scientist Career Development Award**

The Physician-Scientist Career Development Award provides an opportunity for first-, second-, and third-year medical students to gain experience in hematology research under the mentorship of an ASH member and to learn more about the specialty.

For further information see: <https://www.hematology.org/Awards/Medical-Student/400.aspx>

4. **Benjamin Fox Orthopaedic Research Scholar Award**

The Benjamin Fox Orthopaedic Research Scholar Award is a one-year research fellowship that promotes clinical research by giving extraordinary U.S. medical students the opportunity to investigate pertinent topics in clinical orthopaedic research at Children's Hospital of Philadelphia (CHOP).

Additional information and application instructions can be found at:

<https://www.chop.edu/pages/benjamin-fox-orthopaedic-research-scholar-award>

5. **Fulbright**

Supports one year of graduate-level research, whether as part of formal degree programs or individual research projects in many of over 140 host countries.

Eligibility: US citizens.

For further information see: <https://funding.yale.edu/fellowships/fulbright-us-student-grants>

6. Gates/Cambridge

Supports 1-3 years of graduate-level research or study in any degree program at Cambridge.

Eligibility: no citizenship restrictions; separate competitions for US and non-US applicants.

For further information see: <http://www.gatescambridge.org/about>

7. Global Health Equity Scholars Fellowship

The Global Health Equity Scholars Program is an initiative between Yale University, University of California at Berkeley, and Stanford and Florida International Universities, to support one-year research training of post and predoctoral fellows at 12 partnering international institutions. The GHES program is one of five supported by the Global Health Program for Fellows and Scholars funded by the Fogarty International Center at NIH. This program brings together a consortium that includes the University of California, Berkeley, Florida International University, Stanford University, and Yale University.

For further information see: <https://publichealth.yale.edu/education/training/ghes/>

8. Harvard/MGH Research Fellowship -- Orthopaedics Sports Medicine and Joint Reconstruction

Third-year medical students (MS3) are invited to apply for a Clinical Research Fellowship in Orthopaedic Sports Medicine and Joint Reconstruction at the Massachusetts General Hospital (MGH), a Harvard teaching hospital. The selected Research Fellow will be the 10th to go through this program, one of the longest-running research fellowships in the country. This is an extremely competitive fellowship that is awarded to one (1) rising fourth-year medical student who has demonstrated a keen interest in orthopaedics and is a competitive candidate for orthopaedic residency.

9. JH Milstone Fund

The research can focus on the genetics, biochemistry or cell biology of coagulation or thrombolysis or on the causes, pathogenesis, diagnosis or treatment of bleeding and clotting disorders. In the absence of preliminary data, appropriate mentors and/or collaborators are important. This opportunity is open to Yale students, residents and fellows working with a mentor at Yale.

For further information contact Richard Carr at richard.carr@yale.edu.

10. Luce

Supports one-year internships, including medical research, in Asia for applicants with little or no experience in Asia. Eligibility: US citizens; not older than 29 years of age.

For further information, see <https://funding.yale.edu/external-award/luce-scholars-program>

11. NIH-Marshall

Supports 2-3 years of graduate-level research or study in any degree program in the UK. Features special partnerships with Imperial College, London, and US National Institutes of Health, among others.

Eligibility: US citizens; up until three years after graduating from their undergraduate institution.

For further information, see: <https://funding.yale.edu/external-award/marshall-scholarship>

12. NIH Medical Research Scholars Program

This program builds on the focus and goals of the NIH Clinical Research Training Program and the HHMI- NIH Research Scholars Program of training the next generation of medical researchers and providing research opportunities in basic, clinical, translational, population health research.

For further information see: <https://clinicalcenter.nih.gov/training/mrsp/>

13. NIH-NIDDK Medical Student Research Training Fellowship

The NIH-NIDDK Medical Student Research Training Program will support up to three medical students per year in association with NIDDK sponsored Centers and NIDDK funded training grants at Yale School of Medicine. For additional information please visit:

<https://www.niddk.nih.gov/research-funding/process/apply/funding-mechanisms/t32/medical-student-research-training-supplement>

14. Rhodes

Supports 1-3 years of graduate-level research or study in any degree program at Oxford.

Eligibility: restricted to citizens of the US, selected British Commonwealth countries, and Germany. US applicants may be no older than 24 years of age.

For further information, see: <https://funding.yale.edu/external-award/rhodes-scholarship>

15. Sarnoff Award

This is a one-year fellowship in cardiovascular related research awarded to students upon application to do research at another research facility in the United States. A separate application is required. For further details please email Dr. Daniel Greif at daniel.greif@yale.edu.

For further information see <https://sarnofffellowship.com/Default.asp>

16. Yale Endowed One-Year Student Research Fellowships

The Office of Student Research funds named endowed research fellowships through this mechanism. A separate application is required. For additional information please email the Office of Student Research at osr.med@yale.edu. Additional information is available at the Office of Student Research website at

<https://medicine.yale.edu/education/research/student/fundingop/oneyearfellowships/yalefellowships.aspx>

17. YCCI Multi-Disciplinary Pre-Doctoral Training Program in Translational Research

The YCCI Multidisciplinary Pre-doctoral Training Program in Translational Research is a one year research fellowship that students conducting translational research may apply to.

Additional information and application instructions can be found at:

<https://medicine.yale.edu/ycci/education/predoc/>

IMPORTANT:

- **Students interested in one-year medical student research fellowships are encouraged to apply for more than one source of funding.** Our office will discuss multiple funding choices with students so that they will have an excellent chance of receiving a one-year medical student research fellowship. Our goal is to have every deserving Yale medical student receive funding.
- Additional information on all fellowships is available through the **Office of Student Research website at <https://medicine.yale.edu/education/research/student/fundingop/oneyearfellowships/>**. Please note: If you are interested in applying to any of the one year medical student research fellowships, please contact Anne Kellett at anne.kellett@yale.edu at least 10 days prior to the fellowship submission deadline as there may be additional forms that are required to be completed through Yale's Office of Sponsored Projects before the fellowship application can be submitted to the funding agency.

ALL APPLICATIONS REQUIRE A PROGRESS LETTER FROM THE ADVISOR. (MSPE: MEDICAL STUDENT PERFORMANCE EVALUATION FORMERLY CALLED THE DEAN'S LETTER). STUDENTS SHOULD CONTACT DEANNA CALVERT IN THE OFFICE OF STUDENT AFFAIRS at deanna.calvert@yale.edu 4 weeks prior to the application deadline specified.

Past Student Fellowship Awardees

Tom Gilliland, MD

Class of 2015

Tom was a Sarnoff Fellow in the 2013-2014 academic year. Research Project Title: Regulation of cholesterol homeostasis by long non-coding RNAs. Yale Mentor: Lauren Cohn, MD (Sarnoff sponsor), Peter Tontonoz, MD, PhD (UCLA research mentor).

Please contact Tom at: tcgilliland@mgh.harvard.edu .

Alexandra Junn

Class of 2022

Alexandra was a Yale School of Medicine One Year Medical Student Research Fellow in the 2020-21 academic year. Project title: The Impact of an Expanded Definition of Health on Normative Questions. Yale mentor: Dr. Sarah Hull. Please contact Alexandra at alexandra.junn@yale.edu .

David Peprah

Class of 2022

David was an NIH Research Scholar during the 2020-2021 academic year. Project Title: Diabetes and diabetic retinopathy in African-born blacks Living in America: a cross-sectional study. Mentor: Emily Chew, MD (NIH/National Eye Institute). Please contact David at: dkpeprah@gmail.com .

Nensi Ruzgar

Class of 2022

Nensi was a Yale School of Medicine One Year Medical Student Research Fellow in the 2020-2021 academic year. Project title: The Development of a Clinically Catalogued Tumor Biobank in Uganda. Yale mentor: Dr. Emily Christison-Lagay. Please contact Nensi at nensi.ruzgar@yale.edu .

Shobana Subramanian

Class of 2022

Shobana was a Yale School of Medicine One Year Medical Student Research Fellow in the 2020-2021 academic year. Research Project Title: Presynaptic plasticity in the calyx of Held synapse involves structural changes in F-actin and vesicle pools. Yale Mentor: Elizabeth Jonas, MD. Please contact Shobana at: shobana.subramanian@yale.edu

**Yale University School of Medicine, Office of Student Research
One-Year Medical Student Research Fellowship Opportunities
Beginning July 1, 2022**

Award	Location of Research	Number of Awards	Stipend	Apply To	Application Due OSR	Institution Deadline
Harvard/MGH Research Fellowship—Orthopaedics Sports Medicine and Joint Reconstruction	Harvard/MGH Sports Medicine	1	Salary plus full benefits	Dr. Scott Martin, Director, Joint Preservation Service, Director of MGH Sports Medicine Fellowship, Associate Professor of Orthopaedic Surgery, Team Physician for New England Patriots, Head Team Physician for New England Revolution. scottmartinresearchgroup@gmail.com	N/A	December 15, 2021 for priority consideration. A second deadline of January 24, 2022 will be available for those who could not apply for priority consideration.
Benjamin Fox Orthopaedic Research Scholar Award	CHOP	UL	\$30,000	Dr. John M. Flynn with online application at CHOP, flynnj@email.chop.edu.	N/A	TBD
Yale Center for Clinical Investigation (YCCI) Multi-Disciplinary Pre-Doctoral Training Program in Translational Research	Yale	Up to 3	\$25,836	Yale Center for Clinical Investigation	N/A	TBD
Sarnoff	Other	UL	\$35,000	Contact Dana Boyd at ddboyd@SarnoffFoundation.org	N/A	01/12/2022
Yale Endowed: Anonymous, Gardner, Gershon, Hirsch, Rosenberg, Weiss	Yale	6-8	\$25,836	OSR	04/09/2022	04/09/2022
NIH Medical Research Scholars Program	NIH	UL	\$37,000	NIH on-line	N/A	01/07/2022
NIH-NIDDK Medical Student Research Training Fellowship	Yale	1 per T32 grant at Yale	\$25,836	OSR	12/17/2021 & 03/18/2022	01/15/2022 & 04/16/2022
American Heart Association Founders Affiliate Medical Student Research Program	Yale	UL	\$20,000 (if awarded OSR will supplement up to \$25,836)	OSR & American Heart Association	4 weeks before AHA deadline	TBD
American Heart Association Predoctoral Fellowship	Yale	UL	\$25,836	OSR & American Heart Association via Grants@Heart	4 weeks before AHA Deadline	TBD

Award	Location of Research	Number of Awards	Stipend	Apply To	Application Due OSR	Institution Deadline
American Society of Hematology: ASH Physician-Scientist Career Development Award	Yale	UL	\$32,000	OSR & American Society of Hematology	01/14/2022	02/15/2022
JH Milstone Fund	Yale	1	\$10,000 (if awarded OSR will supplement up to \$25,836)	Contact Richard Carr at richard.carr@yale.edu	N/A	03/01/2022 Letter of Intent 05/02/2022 Application Due
Global Health Equity Scholars Fellowship	International	UL	\$25,836	Apply at Yale through http://ghes.berkeley.edu/contact/	N/A	TBD
Fulbright	International	For further information contact Robert Harper-Mangels				
Gates, Cambridge, NIH-Marshall, Rhodes	International	For further information contact the Yale Center for International and Professional Experience				