



Outlook

Research Weekly Newsletter : Oct/01/2026

From Medical Student Research <Medical.Student.Research@dartmouth.edu>

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DARTMOUTH
GEISEL SCHOOL OF
MEDICINE

Office of
MEDICAL STUDENT
RESEARCH

Weekly Newsletter

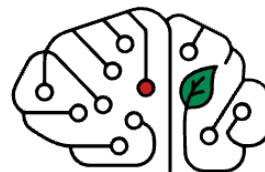
Oct 1, 2026



Global Health Summer Research Internship Opportunity for M1s



THE AGA KHAN UNIVERSITY



Brain & Mind Institute
from neuron to neighbourhood

Institute: [Brain & Mind Institute](#), Aga Khan University, Nairobi, Kenya

Eligibility:

- 1st Year Medical Students at Geisel
- Geisel Graduate Students

Timing: Summer 2027

Application Deadline: November 2, 2026 (Applications received after the deadline will not be considered.)

The Brain & Mind Institute at Aga Khan University in Nairobi, Kenya, in partnership with Geisel School of Medicine at Dartmouth, is excited to offer a unique opportunity for Geisel students to participate in a Global Health Summer Research Internship in Nairobi, Kenya.

To find out more about the work of the Brain & Mind Institute in Kenya, please see here: <https://www.aku.edu/bmi/Pages/home.aspx>

Key Responsibilities (depending on project):

- Collaborate with researchers and clinicians, gain hands-on experience in data collection and analysis, conduct literature reviews, attend educational seminars and workshops, engage with local communities, and present your research findings at the conclusion of the internship.

Stipend: Provided by the Dartmouth Center for Global Health Equity based on internship duration to cover travel, food & accommodation.

Qualifications:

- Be a 1st year MD or a Graduate student at Geisel School of Medicine
- Ability to work collaboratively in a multi-disciplinary team in a cross-cultural setting.
- Demonstrated interest in neuroscience, neurology, global health, cultural anthropology, or related fields.
- Experience in the cultures of Sub-Saharan Africa preferred.
- Prior research experience is an asset but not required.

Submit the following documents to

Center.for.Global.Health.Equity@dartmouth.edu:

- A current CV outlining your academic achievements and any relevant experience.
- A statement of interest (max 500 words) expressing your motivation for applying to the internship and how it aligns with the qualification requirements above and future career aspirations.
- **Please combine both CV and statement into a single PDF file**

*****Please note that applicants accepted for an internship will be required to complete a police background check.*****

For any pre-inquiries regarding the internship, please contact Dr. Thomas Thesen (thomas.thesen@dartmouth.edu).

Featured Research Opportunities

**Research Opportunity in
Thoracic Oncology**

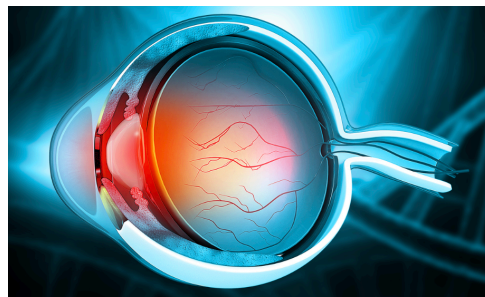
**Research Opportunity in
in Ophthalmology**



Looking for **M1 students** interested in Thoracic Oncology Research !

The Halter Lab at Thayer and Dr. Joe Phillips are interested in exploring the use of an impedance sensing device to reduce surgical margins in lung cancer resections. The lung tissue is expected to be under compression intraoperatively, so they are also interested in seeing how tumor and healthy tissue differ under a mechanical load. They currently have a clinical study involving collecting in vivo and ex vivo lung nodule data with a laparoscopic impedance sensing probe. This project is in collaboration with thoracic surgeons Dr. David Finley, Dr. Dana Ferrari-Light, and Dr. Timothy Millington and pathologist Dr. Liang Lu.

Please reach out to Zenia Valdiviezo at zmvaldiv.th@dartmouth.edu if interested and with any questions.



**Interested in eyeballs research ?
Curious about AI in medicine?**

Dr. Benton Chuter and Dr. Fae Kayarian, Ophthalmology residents at DHMC, would like to meet you! They are looking for mentees to guide through computational ophthalmology projects, applying machine learning to eye imaging and clinical data. Projects can lead to co-authorship on publications and conference presentations. Prior dev, stats, or research experience is helpful but not required, just curiosity, good communication, and love of science!

The commitment is flexible and remote-friendly. To reach out, email bentonchuter@gmail.com with the subject line "AI Ophtho Research Opportunity"



The Dartmouth SYNERGY Clinical and Translational Science Institute (CTSI) offers a variety of research services and resources to support and facilitate clinical and translational research across the institution.

Students are encouraged to visit the SYNERGY Data Analysis Support website to explore available resources and seek assistance with their data analysis needs. <https://synergy.dartmouth.edu/services/services-request/?request=Biostatistical%20Support>

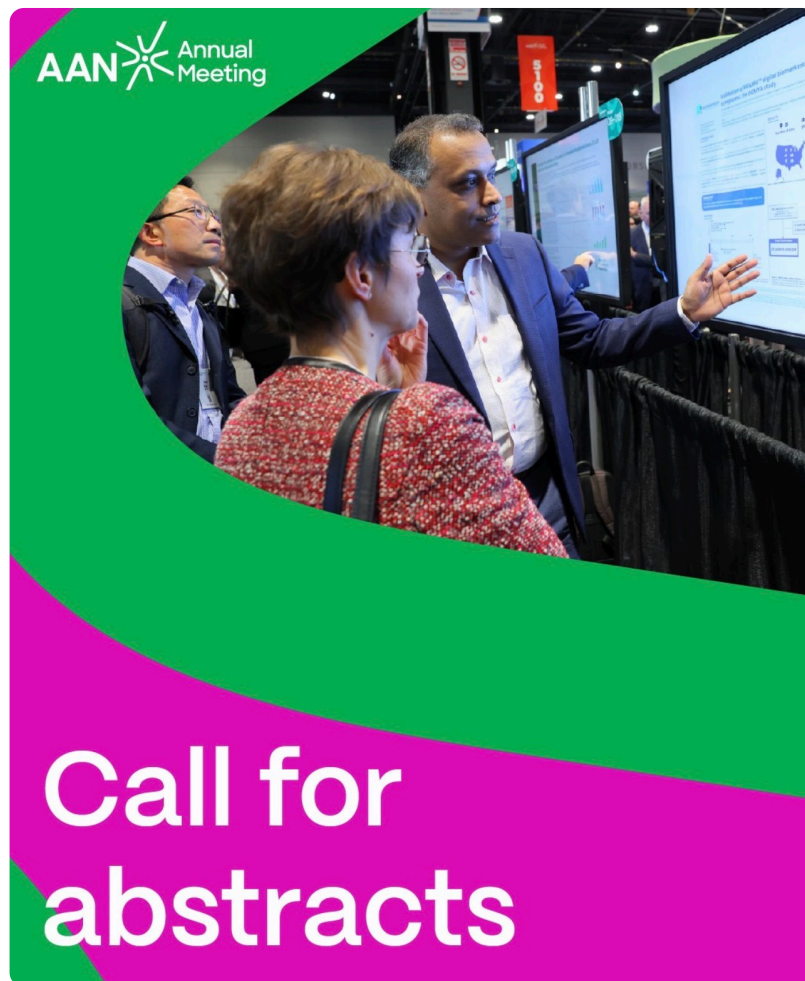


Remote Clinical Outcomes Plastic Surgery Research Opportunity – University of Pittsburgh

The Department of Plastic Surgery at the University of Pittsburgh is seeking highly motivated medical students to participate in remote clinical outcomes research.

Research projects focus on topics such as health disparities, leadership, and medical student education, among other areas. As a remote researcher, you will work with University of Pittsburgh faculty, residents, and student leaders in the field of plastic surgery.

https://pitt.co1.qualtrics.com/jfe/form/SV_6m9xMcyRX0Fjy7Q



Submit your abstracts for the American Academy of Neurology 2027 Annual Meeting.

Submit your poster

<https://submissions.mirasmart.com/AAN2027/Splash.aspx>

MSTAR – Medical Student Training in Aging Research

The UNC MSTAR Program provides early-stage medical and osteopathic students with enriching experiences in aging-related research and geriatrics. This research takes place under the mentorship of top experts in the field. Sponsored by the [National Institute on Aging \(NIA\)](#), MSTAR introduces students to research and academic experiences that they might not otherwise have during medical school.

The summer 2027 UNC MSTAR Application and Instructions will be opened on October 19, 2026.

<https://www.med.unc.edu/aging/mstar/>

MSTAR Applications are due before January 18, 2027, 8:00 AM EST.

Teevens Center Research & Innovation Grants



The Teevens Center for Peak Performance invites applications for interdisciplinary Research & Innovation Grants supporting projects focused on human performance, leadership, health, and student well-being.

Eligibility: All students at the Geisel School of Medicine, including MD and MD-PhD students, are eligible to apply. Collaborative projects involving students, faculty, and staff are strongly encouraged.

- Funding: \$2,000–\$10,000, depending on team composition and project scope.
- Application deadline: Tuesday, November 10, 2026, at 11:59 p.m. ET
- Funding period: December 14, 2026–December 14, 2027.
- Application: Submit one PDF to Duncan.Simpson@Dartmouth.edu

For complete eligibility requirements, application instructions, and funding details, please review the attached call for proposals or contact Dr. Duncan Simpson at Duncan.Simpson@Dartmouth.edu.

Dartmouth
Cancer Center



Dartmouth
Health



Dartmouth
MEDICINE



JOINTLY ACCREDITED PROVIDER*
INTERPROFESSIONAL CONTINUING EDUCATION

Dartmouth Cancer Center Grand Rounds



David Mankoff, MD, PhD
Vice Chair of Research
University of Pennsylvania

Molecular Imaging as a Cancer Biomarker: From Concept to Practice

Tuesday, October 6, 2026, in Auditorium E
12:00 pm – 1:00 pm

Dr. David Mankoff is a guest of TEC and is hosted by Charles Thomas, Jr.

Lunch is served on a first come first served basis

Dr. David Mankoff is the Matthew J. Wilson Professor and Vice Chair for Research in the Radiology Department of the Perelman School of Medicine at the University of Pennsylvania. He also serves as the Associate Director for Education and Training for Penn's Abramson Cancer Center (ACC). Dr. Mankoff is a graduate of Penn's Medical Scientist Training Program (MSTP) and is a board-certified in Nuclear Medicine physician and holds a PhD in Bioengineering (from Penn) focused on PET instrumentation. He practices Nuclear Medicine at the University of Pennsylvania, with a special interest in oncologic applications of PET molecular imaging and radiopharmaceutical therapy. Dr. Mankoff's research focuses on molecular imaging of cancer, primarily on breast cancer, and emphasizes imaging biomarkers for precision oncology, therapeutic monitoring, and biologic factors mediating therapeutic response and resistance.

For more information: [BIO LINK](#)

To watch live: <https://dartgo.org/dcc-grand-rounds>

Accreditation: In support of improving patient care, Dartmouth Health is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

American Medical Association (AMA): Dartmouth Health designates this live activity for a maximum of 1 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Dartmouth Cancer Center
Cancer Center Administration
One Medical Center Drive
Lebanon, NH 03756-001

603/646-5199
Cancer.Dartmouth.edu

Application Open: Sept 1, 2026 – Dec 1, 2026
[Click to Apply](#)

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
 Connect with leading national experts across varied career fields

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

Informational Webinar
October 8, 2026
1PM EST
[REGISTER](#)



NIH Office of Clinical Research Training and Medical Education
 Contact: MRSP@mail.nih.gov

NIH Medical Research Scholars Program (MRSP) (Applications Are Now Open)

The NIH Medical Research Scholars Program (MRSP) is a 10.5–12-month, in-person research immersion program designed for future clinician-scientists. Scholars engage in basic, clinical, translational, or epidemiological research and

receive structured mentorship, professional development, and research-focused education.

Eligibility: Open to U.S. citizens or permanent residents currently enrolled in their 2nd, 3rd, or 4th year of an accredited medical, dental, or veterinary program.

Application is open Sept. 1, 2026 to Dec. 1, 2026.

The NIH MRSP Team will conduct a live, virtual informational webinar on *Thursday, October 8th at 1:00PM (EST)*. [Click Here to Register](#)

For more information and application details, please visit the [NIH MRSP website](#). <https://www.cc.nih.gov/training/mrsp>

Upcoming Event

Co-curricular interdisciplinary seminars

Date/Time: Oct/8/2026 at 7-8 AM at Chilcott Auditorium

Topic - How to Design a Research Study by Dr. Tim Gardner

Annual M2 Student Poster Night

Date / Time : Dec/3/2026 at 5 pm - 7pm

Location: Dartmouth Hitchcock Medical Center

2026 Annual Geisel School of Medicine and Dartmouth Health Biomedical Research Day

Thursday, December 3, 2026

Auditorium H, DHMC

The Geisel School of Medicine Events Calendar

Students are encouraged to check the Events Calendar to stay updated on upcoming research talks and Grand Rounds sessions.

<https://geiselmed.dartmouth.edu/calendar/index.php?m=10&y=2026&v=m>

Scholarly Manuscripts by Geisel Students

Geisel students continue to drive innovation through research, contributing to peer-reviewed publications across clinical medicine, global health, and more. Their scholarly work reflects a deep commitment to scientific inquiry and advancing patient care. Each year, our students co-author numerous manuscripts, showcasing their passion for discovery and academic excellence.

<https://geiselmed.dartmouth.edu/student-research/research-papers-by-geisel-students/>

Students are requested to submit their published manuscripts to be archived in the Student Manuscript section of the website.

Student Spotlight



Emilio Del Toro , MD Class of 2029

Emilio Del Toro is a second-year medical student at Geisel School of Medicine who is interested in the intersections of otolaryngology/oncology, surgical-translational, and community interventional research. His research spans from clinical outcomes of pancreatic and head & neck cancer, tumor localization with trans-oral robotic surgery and bio-impedance detection of dysplastic/malignant oral mucosa.

He is also involved in health service and community-based research focused on clinical education improvement of care in rural/underserved communities. Through these projects, Emilio hopes to continue to combine clinical medicine and community engagement to develop practical ways to improve care.



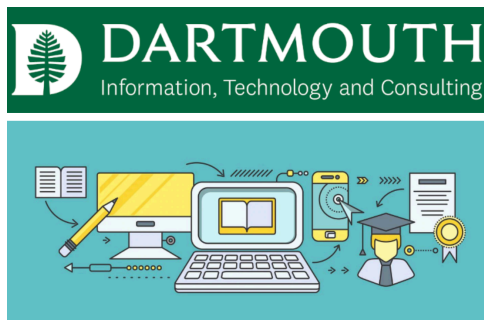
Statistical and Data Analysis Resources

Data Analysis Support at SYNERGY

[Click here](#)

Research Data Services and Support at Dartmouth Libraries

<https://www.library.dartmouth.edu/about-us/dartmouth-libraries/departments/research-facilitation>



Workshops & Research Support -- AI, Python, R, HPC and more for Reproducible Research

Research Computing and Data at ITC and the Dartmouth Libraries are excited to offer a series of workshops to support research and learning at Dartmouth.

Learn More :

<https://libcal.dartmouth.edu/calendar/reproducibleresearch?cid=17691&t=d&d=0000-00-00&cal=17691&inc=0>



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