



Outlook

Research Weekly Newsletter : Apr/16/2026

From Medical Student Research <Medical.Student.Research@dartmouth.edu>**Date** Thu 4/16/2026 10:00 AM**To** GEISEL_2026@LISTSERV.DARTMOUTH.EDU <geisel_2026@listserv.dartmouth.edu>;
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GEISEL SCHOOL OF
MEDICINE**Office of
MEDICAL STUDENT
RESEARCH**

Weekly Newsletter

Apr 16, 2026

The Student Research Office is actively supporting medical students throughout their research journey, serving as a central resource to help navigate onboarding requirements and connect with opportunities across departments. The office regularly shares active research projects and offers guidance on how to get involved.

Students are strongly encouraged to visit the office at **Remsen 230** for any research-related information and to begin their research journey.

Contact: Medical.Student.Research@dartmouth.edu



Upcoming event

M4 Geisel Medical Student Research Paper Competition & Award Event (2026)

When : May 7th, 2026 | 5:00–7:00 PM at Dartmouth-Hitchcock Medical Center (Auditorium A–H)

Summer Medical Student Research Projects



Summer research projects for 2026 (M1)

Geisel and DH Summer Projects

Explore the **2026 Geisel/DHMC Summer Research Project Opportunities** here:

Updates: More projects have been added to the summer list.

<https://geiselmed.dartmouth.edu/student-research/2026-geisel-dhmc-summer-research-project-opportunities/>

2026 Summer Research Work Study Grants

If you are planning a summer project in the Upper Valley (whether that be at Geisel/DH/WRJVA/or other community practice) we encourage you to apply for federal work study grant funds. \$2500 will be provided per student for summer research.

The deadline to apply this year is April 17, 2026.

More information : <https://geiselmed.dartmouth.edu/student-research/2023-summer-research-work-study-grants/>

Sleep Medicine Research Opportunity

Seeking research associate for a study about sleep by inmates in the Sullivan County Jail in New Hampshire. Study will be conducted between May – July, 2026 with work for a write up of findings in August. No pay. Must complete on line learning for CITI certification.

Study will involve interviewing inmates and managing quantitative survey data about their sleep. Contact: Dr. Adam J. Sorscher (P.I.) at adam.sorscher@dartmouth.edu

RESEARCH IN SURGICAL CAREERS PANEL

FEATURING ATTENDINGS, RESIDENTS, AND M4S WHO
WILL DISCUSS HOW RESEARCH SHAPED THEIR
CAREERS, PATHWAYS IN RESEARCH, AND CURRENT
PROJECTS. COME WITH QUESTIONS!

DHMC Auditorium F
6pm Monday April 27, 2026

Dinner Provided!
RSVP Here by 4/20:





Medical Student Grand Rounds - April

April 21st, 2026 at 6 PM in Aud G (DHMC) or Zoom



Genomic and Transcriptomic
Correlates of Response to
Tarlatab in Small Cell Lung
Cancer

Zofia Cieslak
MD Candidate
Class of 2028



The Northern New England 24-Hour Ambulatory Blood
Pressure Monitoring Registry

Dain Shirmer
MD Candidate
Class of 2027

Jason Weiss
MD Candidate
Class of 2027



Patterns of Medical and
Surgical Therapy for
Hidradenitis Suppurativa in
Rural New England

Effat Rahman
MD Candidate
Class of 2029

RSVP



Zoom





Get Engaged ECHO

An ECHO to Increase Skills for Community Engaged Research

Course Description:

Meaningful engagement of community members in the design, implementation and dissemination of research will improve the relevance and impact of research and is increasingly required for consideration of funding. However, research training has not historically included information about effective and ethical approaches to community engagement. This course will explore principles and practices for community engagement in diverse types of research, will prepare participants to engage community members in their research going forward, and will identify a range of resources to support authentic engagement.

Who Should Attend

Faculty, students, trainees and research staff who wish to incorporate community engagement into their research activities. Community members and others with interest are also welcome to participate. We welcome both people who participated in this series in 2025 and new attendees.

ALL TEACH, ALL LEARN



Bringing together expertise, wisdom & experience to create positive change

Registration

- Sessions are free of charge
- To register scan QR code or [click here](#)
- See next page for continuing education information



Schedule

- 1st and 3rd Thursday from 12-1pm EST
- April 2 through June 18, 2026

Topics Include:

- Ethical Considerations in working with communities
- Pre-research engagement
- Infrastructure for working with community members
- Research Implementation
- Analysis/Dissemination
- Spotlight on Methods Including: community engagement studio, advisory board, emotional journey mapping, photo voice

**Topics are expanded from our 2025 series*

Questions:

Email: ECHO@hitchcock.org

Website: <https://go.d-h.org/project-echo>

Seeking a Geisel medical student to join the NNE CO-OP PCBRN's Annual Meeting Planning Committee!

Are you a medical student with an interest in primary care research? The **Northern New England CO-OP Practice and Community Based Research** based within the Department of Community and Family Medicine, is seeking an enthusiastic student to join the conference planning committee for our 47th Annual Meeting, taking place January 22–24, 2027, at the Equinox Resort in Manchester, VT. Virtual meetings are held on the first Wednesday of each month.

<https://geiselmed.dartmouth.edu/nnecooppcbrn/>

This is a great opportunity to connect with primary care researchers and clinicians from across the region while playing a hands-on role in shaping a premier primary care research conference.

Interested? Contact NNECO-OPPCBRN@hitchcock.org



Are you a MEDICAL STUDENT who has been in a RELATIONSHIP?

Please take 10-15 minutes of your time to fill out this anonymous survey!

This is an IRB approved research study examining Medical Student Romantic Relationships. In doing so, we hope to discover the factors leading to relationship success and learn about how the school can better support these relationships for better outcomes.

If you choose to participate, your data will be de-identified. Participation is completely voluntary and will not impact your grades as a student. You may choose to not participate. You may withdraw from the study at any time.

This study has been approved by the Institutional Review Board of Wake Forest University School of Medicine. If you have questions regarding this study, you can contact Dr. Julia-Grace Polich (Principle Investigator, Julia.Polich@Advocatehealth.org) or Justin Senh (M1 student, justin.senh@wfusm.edu). If you have any questions, suggestions, or concerns about your rights as a volunteer in this research, contact the Institutional Review Board at 336-716-4542.

336-716-4542
Julia.Polich@Advocatehealth.org
WakeHealth.edu/BeInvolved



BE INVOLVED. VOLUNTEER FOR A CLINICAL TRIAL



Wake Forest University School of Medicine is the academic core of Atrium Health.

IRB00147190

Climate Collaborative Dartmouth Climate Week: April 2026

22 Wednesday	23 Thursday	24 Friday	25 Saturday	27 Monday	28 Tuesday	29 Wednesday
Native American Program (NAP) & Outdoor Programs (OPO) Pine Park Run with Jordan Marie Daniel NAP & OPO Film Screening	2:00-4:00 pm Cross-Campus Climate Research Poster Session 4:30-6:00 pm Climate Careers Panel+ Networking (with DCCD)	9 am-12 pm Climate Careers Office Hours (with DCCD) 11:45 am- 1 pm Irving & Revers Center AI & Energy Lecture Revers Center 10th Anniversary (full conference registration required)	9am-10:30 am Dartmouth Energy Tour 26 Sunday	4:30-6:00 pm Keynote: Avaag Elicabeth Johnson , moderated by Ench Osterberg 6:00-8:00 pm "Longueal Table-style" community potluck dinner	12:00-1:00 pm Climate & Health Fireside Chat 1:00-2:00 pm panel, 3:00 pm reception Inst. for Arctic Studies Panel & Reception	5:00-6:00 pm Student Experiential Learning Panel

 DARTMOUTH SUSTAINABILITY
  Dartmouth Center for Career Design
  Institute of Arctic Studies at Dartmouth

Dartmouth Climate Week Activities / Lab Presentations



Quality Improvement Project Opportunities

Project Name: Enhancement of Career Advising and Professional Development Resources

Project Team: Office of Student Life

Brief Overview: This summer project focuses on strengthening career advising and professional development support across the MD curriculum. The student will assess and organize existing advising resources and incorporate student feedback to improve clarity and accessibility of resources. The project will also

support the development of student-facing materials to better support students' professional exploration and decision-making.

Project Name: Program Evaluation & Reaccreditation Preparation

Project Team: Office of Evaluation, Accreditation, and Assessment

Brief Overview: This summer project supports ongoing program evaluation and preparation for upcoming reaccreditation efforts. For program evaluation, the student will support an ongoing evaluation project by helping to identify defining experiences within the medical school curriculum, reflecting on their own experiences and in feedback from their peers. For LCME reaccreditation, they will help build a launch plan for the Independent Student Analysis, helping to identify a timeline of work, tools, and vision.

Project Name: Self-Designed

Project Leads: TBD

Brief Overview: What area of continuous quality improvement at Geisel are you passionate about that is not represented here? Outline your proposal here!

Apply here :

https://dartmouth.co1.qualtrics.com/jfe/form/SV_41jBlm41lvs6zLU

More info : <https://geiselmed.dartmouth.edu/md-program/geisel-education-offices/program-evaluation-at-geisel/contact/summer-quality-improvement-projects/>

Research Opportunity in Otolaryngology (Head & Neck Cancer) – M1/M2 Student

Class	Med Year	Start Date	End Date	Notes
2030	M1 into M2	2/1/2027	12/21/2027	1-year research project: Begin when return from winter break 2026 and ends at beginning of 2027 winter break.
<i>End study December 31st, 2027</i>				Study may end here. Recruit again if continues on.
2031	M1 into M2	1/3/2028	12/21/2028	1-year research project: Begin when return from winter break 2027 and ends at beginning of 2028 winter break.
<i>End study December 31st, 2028</i>				Study SHOULD end here. Recruit again if continues on.
2032	M1	1/3/2029	5/31/2029	5-month research exposure: Begin when return from winter break 2028 and ends at beginning of 2029 summer break
<i>End study May 31st, 2029</i>				Study may end here. Keep 5-month student on if study continues through the year.
2032	M1 into M2	5/31/2029	12/21/2029	5-month turns into 1 year project: Continue through winter break 2029.
<i>End study December 31st, 2029</i>				Worst case, study ends here regardless of data.

The Department of Surgery – Otolaryngology is seeking 1–2 motivated M1 or M2 students per class to participate in an ongoing research project titled:
“Linking BMI and Inflammation as Prognostic Markers for Head and Neck Squamous Cell Carcinoma.”

This project examines the prognostic value of BMI and circulating immune markers and how they relate to tumor immune infiltrates and treatment outcomes in patients with head and neck squamous cell carcinoma at Dartmouth Hitchcock. The research is part of an ongoing collaboration with the ENT Surgical Department. Students who are interested in learning more or getting involved are encouraged to contact: **Haille Soderholm** : haille.e.soderholm.gr@dartmouth.edu

Looking for something else?

To learn about additional ongoing research projects, **visit our website** or **reach out to our office**.

We're here to help you find opportunities that match your interests and goals.

Upcoming Events

- M4 Geisel Medical Student Research Paper Competition & Award Event
(2026) ,May 7th, 2026 | 5:00–7:00 PM at 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=4&y=2026&v=m>



Submit Your Proposal to Present at the 2026 STFM Conference on Medical Student Education

Submissions are OPEN to present at the 2027 STFM Conference on Medical Student Education! Submit your proposals to show your work to hundreds of medical student educators February 5–7 in Anaheim, CA. The deadline to submit your proposal is **June 17, 2026**.

Submissions should focus on topics related to undergraduate medical education. We strongly encourage collaborative submissions reflecting the perspectives of all involved in medical student education: department chairs, faculty, coordinators, preceptors, residents, and students. We also welcome engaging and interactive submissions, with an emphasis on encouraging audience participation.

<https://stfm.org/conferences/mse/overview/>

Student Spotlight



Elena Gupta, MD Candidate (Class of 2026)

Elena Gupta is a graduating fourth-year medical student at Geisel who will pursue a Internal Medicine residency at Yale–New Haven Hospital. She graduated from Cornell University in 2019 and previously trained as a PRYDE research scholar at the Bronfenbrenner Center for Translational Research, where she focused on translational social science research and community-based participatory research.

At Geisel, Elena has been actively involved in leadership and service, including the Geisel Admissions Committee, Community Health Scholars, Medical Education Scholars, the Geisel Vaccinator Corps, and mentorship through several student organizations. Her research interests span cardiology, allergy/immunology, GI, and medical education. She also authored a book chapter in the Elsevier encyclopedia *100+ Theories for Health Professions Education Research* and led a project on the ethical use of social media in medical school admissions as a Swigart Ethics Fellow. Elena hopes to pursue a career in academic medicine.

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.

APDS PODIUM

Fellowship Training After General Surgery Residency: Does it Pay?



Jack F. Donaghue, BA,^{*,†} Daniel J. Denson, MD, MBA,^{*,†} Matthew C. Carroll, MD,[‡] James E. Smith, PhD,[†] and Kari M. Rosenkranz, MD^{*,‡}

^{*}Geisel School of Medicine, Dartmouth College, Hanover, New Hampshire; [†]Tuck School of Business, Dartmouth College, Hanover, New Hampshire; and [‡]Geisel School of Medicine, Dartmouth-Hitchcock Medical Center, Lebanon, New Hampshire

OBJECTIVE: Surgical residents are increasingly pursuing fellowship after general surgery (GS) residency. Fellowship comes at significant opportunity cost and can alter career earnings. This study aims to quantify the return on investment of surgical fellowships when compared to direct entry into GS practice.

DESIGN: Using traditional financial analysis tools including net present value (NPV) and breakeven analysis we compared annual salaries for general surgeons to that of surgeons completing one of ten fellowships. Using AAMC academic and MGMA private practice salary data we estimated income over a 35-year surgical career. Modeling for those pursuing fellowship included both a 5-year and a 7-year GS residency training path accounting for possible research time. GS residency was modeled at 5 years of training. We modeled based on both academic and private practice careers.

SETTING: This study includes survey responses from surgeons across all common practice and hospital types in the United States.

PARTICIPANTS: Participants in the MGMA survey used in our analysis are private practice surgeons in the United States. Participants in the AAMC survey used in our analysis are academic surgeons.

RESULTS: Academic Cardiothoracic, Plastic, and Pediatric surgery had a positive NPV even when accounting for 7 years of trainee salary. This reflects a positive return on investment. Those pursuing Vascular surgery

fellowship had a positive NPV if they completed GS training without research time.

Private practice Cardiac, Thoracic, Plastic, Vascular and Pediatric surgeons had a positive NPV without added research time. If residency training includes research time only Cardiac and Pediatric surgery are NPV positive.

Breast, Surgical Oncology, Trauma, Colorectal and Transplant fellowships confer negative NPVs for both academic and private practice even when modeled in a 5-year training paradigm. Trauma surgery had a positive NPV when adjusting for hours worked.

CONCLUSIONS: This analysis highlights the significant impact that fellowship training has on career earnings and underscores the opportunity cost of research years. These data offer a transparent financial analysis to help guide surgical residents in career decisions as they weigh personal values, interests, financial stress and fiscal expectations. (J Surg Ed 82:103734. © 2025 The Authors. Published by Elsevier Inc. on behalf of Association of Program Directors in Surgery. This is an open access article under the CC BY license (<http://creativecommons.org/licenses/by/4.0/>))

KEY WORDS: career earnings, fellowship training, general surgery residency, opportunity cost, return on investment

COMPETENCIES: Systems-based practice competency

INTRODUCTION

General Surgery residents pursue fellowship training and dedicated research years at increasing rates compared to decades prior.¹ A recent paper evaluating NRMP data estimated that nearly two-thirds of surgical residents are pursuing fellowship after general surgery training.² The

Funding: Conference and travel stipends were provided to JFD to present this work at the APDS conference in Seattle, WA in May of 2025. Sources of funding were from Dartmouth College and Dartmouth Hitchcock Medical Center. MGMA and AAMC data were graciously provided at no cost for research purposes from their respective organizations.

Correspondence: Inquiries to Jack F. Donaghue, BA, Geisel School of Medicine & Tuck School of Business at Dartmouth College, 1 Rope Ferry Rd, Hanover, NH 03755; e-mail: jack.f.donaghue.med@dartmouth.edu

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GMSJ

GMSJ is a student-led publication dedicated to showcasing the research, insights, and perspectives of medical students. It offers a hands-on opportunity to gain experience in academic publishing, including research dissemination,

peer review, and scholarly writing—valuable skills for future careers in academic medicine.

We look forward to reviewing your work and celebrating your contributions to scholarship at Dartmouth!

Just published: Vol. 2 No. 1 (2026) of Graduate Medical Scholars Journal

<https://gmscholars.com/index.php/gmsj/article/view/11>

[Utilizing a Voice-Guided Mixed Reality and Artificial Intelligence based platform for Difficult Intubation Simulation in Austere Teaching](#)



Dartmouth Medical and Health Sciences Libraries Research Support

A variety of research support services provided by the Dartmouth Medical and Health Sciences Libraries including information on data searching and management, systematic reviews and analysis, and data sharing and visualization.

For more information :

<https://geiselmed.dartmouth.edu/student-research/dartmouth-biomedical-research-support-pages/>



DH Academic Scholar Year Opportunities

Some Geisel students choose to take an additional year to engage in scholarly work within a department or section at Dartmouth-Hitchcock (DH) or The Dartmouth Institute (TDI).

More information:

<https://geiselmed.dartmouth.edu/student-research/hospital-specialty-specific-research-opportunities/>



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