



Dartmouth
GEISEL SCHOOL OF
MEDICINE



Center for
Precision
Health and AI



Dartmouth
Health

Samuel D. Pressman Fellowship in Medical Imaging, Precision Health, and Artificial Intelligence

Background

The Samuel D. Pressman Fellowship in the Department of Radiology at Dartmouth Health (DH), the Geisel School of Medicine, and the Center for Precision Health and Artificial Intelligence (CPHAI) will enable MD, MS, MPH, and PhD students at Geisel to engage in innovative and emerging areas of research at the intersection between medical imaging, artificial intelligence, and precision health.

Finances

\$6,000.00 funded by the Samuel D. Pressman Fund will be provided to the successful candidate for pursuing a research project that meets the criteria set forth above. This project would be expected to span a 10-week period over the Summer of 2026.

Objectives

Over the 10 weeks beginning on June 15, 2026 until August 26, 2026, the student will develop skills in performing and presenting research and writing manuscripts involving medical imaging data and artificial intelligence, resulting in one or more publications or presentations.

Structure

The Fellowship consists of a number of components:

- (1) **Mentorship:** A successful candidate will have identified faculty mentors from both the Department of Radiology and from CPHAI.
- (2) **Collaboration:** Candidates whose research involves application of imaging data to clinical questions outside of radiology will also have a faculty mentor from an appropriate clinical department at DH, thereby promoting research collaboration between the Department of Radiology, CPHAI, and other DH departments.
- (3) **Presentation and publication:** The successful candidate will submit a report of their research findings to the Pressman Fellowship committee at the completion of their summer internship on or before August 26, 2026. This candidate will also present their research findings at jointly-hosted Radiology and CPHAI Grand Rounds. Ideally, this candidate will also publish their findings in a peer-reviewed journal.

Evaluation:

1. Formal evaluation by project supervisors
2. Success in presentation and/or paper submissions
3. Evaluation of research presentation

Application

This will be a competitive application. The applications will be assessed and awarded by the Pressman Fellowship Committee.

Students interested in applying should send the following materials by **January 16, 2026** to the following email address:

pressman.fellowship.radiology@hitchcock.org

Please include the following materials in the application packet:

1. Specific Aims (0.5 page maximum)
2. Research proposal (1.5 page maximum)
 - a. The proposal should include a list of the applicant's CPHAI, radiology, and if applicable, non-radiology DH faculty mentors with their email contact information, which will be used to confirm the faculty member's support for the proposed research project.
3. Current CV
4. Current transcript for the applicant's Geisel degree program.

Student applicants will be informed of the Fellowship award by March 16, 2026.

For any questions or additional details, please contact Dr. Jessica Sin (jessica.m.sin@hitchcock.org).

Last revised
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