

EMIC Innovation Fellowship

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Fellowship Syllabus

A year-long fellowship for healthcare innovators to develop a project — spanning medical devices, digital health, care delivery, policy, education, or research— with monthly mentorship from EMIC fellowship directors and access to the full EMIC network. Three fellows will be selected with one fellow having the opportunity to help design and lay the groundwork for EMIC's upcoming Innovation Lab.

1. Timeline

- **Applications:** Applications are accepted on a rolling, year-round basis; application deadline is January 15.
- **Selection & start:** Interviews in late January; fellows selected by February 10; fellowship begins February 15.
- **ACEP Assembly:** In-person meeting and possible presentation at the Innovator Meetup / PitchER
- **Fellowship Graduation:** Final presentation & project publication by first week of December.

2. Application & Requirements

- **Eligibility:** Open to all medical professionals, from students to attendings, as well as industry professionals with an interest in innovation in healthcare.
- **Application** (*open on the EMIC website*):
 - Upload CV/resume
 - Project proposal (the idea/problem you want to work on)
 - Statement of interest in joining the EMIC Fellowship
 - Disclosure of any industry affiliations or potential conflicts of interest
- **Time commitment:** Approximately 10 hours/month
- **Fellowship Requirements:**
 - Meet monthly with the assigned fellowship director
 - Submit quarterly status updates
 - Attend/present at ACEP if applicable to project stage
 - Deliver a final presentation to EMIC leadership in December
 - Participate in ad-hoc EMIC activities (resource hub, events, blog) as capacity allows
 - *Innovation Lab fellow:* contribute a defined component toward building the future EMIC Innovation Lab, alongside their individual project

3. Benefits

- One-on-one mentorship from an assigned EMIC fellowship director.
- Access to the broader EMIC network, physicians and industry leaders across healthcare innovation, for project-specific guidance.
- In-person feedback and presentation opportunity at the ACEP Innovator Meetup / PitchER.
- Induction into the EMIC fellowship alumni network upon graduation.

4. Deliverables

Baseline (required of all fellows):

- One-page project brief finalized by end of March
- Quarterly status updates to fellowship directors
- Final December presentation to EMIC leadership
- Project presented as (1) a slide deck or (2) an editorial, which can be submitted to journals, magazines, or the EMIC website.

Stretch goal (flexible, matched to project type):

- Medical device/technology: functional prototype or advancement to the next development/regulatory milestone
- Digital health/software/AI: MVP built and piloted with users
- Telehealth/new care pathways: pilot implementation tested in a real care setting
- Clinical workflow/process improvement: implemented change with measured outcomes data
- Health policy/systems innovation: policy brief or stakeholder proposal submitted
- Medical education/simulation innovation: pilot curriculum or simulation module
- Research-to-practice translation: manuscript submitted/published, or abstract accepted for conference poster/oral presentation
- **Innovation Lab fellow, additional deliverable:** A defined & documented contribution toward the EMIC Innovation Lab build (e.g., platform framework, partnership pipeline, resource architecture).

Intellectual Property: Fellows retain ownership of the intellectual property they develop during the fellowship, co-signed by EMIC in recognition of the mentorship, network, and resources provided throughout the program. Industry applicants must disclose all partnerships & affiliations during the application process.

List of prior fellows:

- [Ryan Leone](#) (2023)
- [Connor Grant](#) (2024)
- [Lauren Yen](#) (2025)
- [Amritpal Singh](#) (2026)

OLD Syllabus EMIC Fellowship Syllabus

Emergency Medicine Innovation Collaborative (EMIC)

Fellowship Curriculum

- A hands-on, experience-based year-long fellowship program designed to engage and equip medical trainees interested in EM with critical skills to solve the most pressing problems facing acute care. The goal of this fellowship is to provide learners interested in acute care and innovation with vital networking, mentorship, and learning opportunities to become a leader in acute care and healthcare innovation.
 - **Timeline:**
 - **Application deadline** - January 15
 - **Notification date** - February 10
 - **Start date** - February 15
 - **Fellowship graduation** - first week of December
 - **Requirements** - Fellows are expected to:
 - Select a project and propose a solution by the end of their term. Solutions will be presented as (1) a slide deck and (2) an editorial, which can be submitted to journals, magazines, and/or the EMIC blog.
 - Fellows participate in other ad-hoc projects, including maintenance of a resource hub, further refinement of the EMIC fellowship, assisting with EMIC events, writing blog posts
 - Participate in the annual EMIC-led events hosted at ACEP Scientific Assembly
 - **Benefits** - Along the way, fellows will:
 - Receive mentorship from EMIC physicians, including one primary mentor assigned to guide their project development.
 - Learn about different challenges facing the acute care setting.
 - Meet like-minded colleagues who will be future leaders in EM.
 - Develop skills in innovation and learn key strategies for addressing pressing problems facing healthcare
 - **Deliverables** - by the end of the fellowship, fellows will create:
 - One blog post
 - Present their project (work in progress or final) at two EMIC Core Meetups (Spring & Fall)
 - Present an in-person talk as part of Hacked at ACEP
 - Quarterly status check-in

List of Mentors:

- [Dr. Nicholas Stark](#)
- [Dr. Zaid Altawil](#)
- [Dr. Jas Dhanoa](#)
- [Dr. Christopher Peabody](#)
- [Dr. William Baker](#)
- [Dr. Delphine Huang](#)
- [Dr. Jesse Pines](#)
- [Dr. Christian Rose](#)
- [Dr. Dan Hanfling](#)
- [Dr. John Dayton](#)

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