



Shivam Vedak

Clinical Assistant Professor, Medicine

CLINICAL OFFICE (PRIMARY)

- **Clinical Informatics**

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Bio

BIO

Shivam Vedak, MD, MBA, is a Clinical Assistant Professor in the Division of Hospital Medicine at Stanford University School of Medicine. He earned his Bachelor of Science in Biology-Neuroscience from the Schreyer Honors College at The Pennsylvania State University, followed by a dual MD/MBA from the University of Illinois at Chicago (UIC). He completed his residency in Internal Medicine at UIC, where he was honored as the institution's American College of Physicians Outstanding Resident of the Year in 2022, and subsequently completed a fellowship in Clinical Informatics at Stanford.

Clinically, Dr. Vedak practices as a surgical co-management hospitalist at Stanford Health Care (SHC). His academic and operational work centers on the practical integration of generative artificial intelligence (AI) into clinical workflows, ranging from safe and effective deployment and monitoring to the broader education of healthcare workers on these rapidly evolving technologies. He is frequently invited to speak at national conferences, academic institutions, and professional events, offering both engaging interactive workshops and structured didactic sessions on the fundamentals of large language models (LLMs) and evidence-based prompting techniques.

CLINICAL FOCUS

- Internal Medicine

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine

ADMINISTRATIVE APPOINTMENTS

- Medical Director for AI & Digital Health, Stanford Health Care, (2025- present)
- Associate Director for AI in Medical Education, Stanford University School of Medicine, (2025- present)

HONORS AND AWARDS

- Outstanding Resident of the Year, UIC Internal Medicine Residency Program, American College of Physicians (2022)
- Interdisciplinary Honors in Biology and Psychology, Schreyer Honors College

PROFESSIONAL EDUCATION

- Board Certification, American Board of Preventive Medicine , Clinical Informatics (2026)
- Fellowship: Stanford University Clinical Informatics Fellowship (2025) CA
- Board Certification: Internal Medicine, American Board of Internal Medicine (2023)
- Residency: University of Illinois at Chicago Internal Medicine Residency (2023) IL
- MBA, University of Illinois at Chicago Liataud Graduate School of Business , Finance, Business Analytics (2020)
- Medical Education: University of Illinois at Chicago College of Medicine (2020) IL
- BS, The Pennsylvania State University Schreyer Honors College , Biology-Neuroscience

LINKS

- LinkedIn Profile: <https://www.linkedin.com/in/svedak/>

Publications

PUBLICATIONS

- **Artificial intelligence-generated draft replies to patient messages in pediatrics.** *JAMIA open*
Liang, A. S., Vedak, S., Dussaq, A., Yao, D., Villarreal, J. A., Thomas, S., Chen, N., Townsend, T., Pageler, N. M., Morse, K.
2025; 8 (6): ooaf159
- **Answering real-world clinical questions using large language model, retrieval-augmented generation, and agentic systems.** *Digital health*
Low, Y. S., Jackson, M. L., Hyde, R. J., Brown, R. E., Sanghavi, N. M., Baldwin, J. D., Pike, C. W., Muralidharan, J., Hui, G., Alexander, N., Hassan, H., Nene, R. V., Pike, et al
2025; 11: 20552076251348850
- **The VITALS Framework: Empowering Programs to Leverage Health Information Technology for Trainee-Led Health Care Decarbonization and Climate Adaptation.** *Journal of graduate medical education*
Vedak, S., DeTata, S. R., Sarabu, C., Leitner, S., Outtersen, R., Li, R., Fayanju, O.
2024; 16 (6 Suppl): 28-34
- **Perspectives on Artificial Intelligence-Generated Responses to Patient Messages.** *JAMA network open*
Kim, J., Chen, M. L., Rezaei, S. J., Liang, A. S., Seav, S. M., Onyeka, S., Lee, J. J., Vedak, S. C., Mui, D., Lal, R. A., Pfeffer, M. A., Sharp, C., Pageler, et al
2024; 7 (10): e2438535
- **Using a Large Language Model to Identify Adolescent Patient Portal Account Access by Guardians.** *JAMA network open*
Liang, A. S., Vedak, S., Dussaq, A., Yao, D. H., Morse, K., Ip, W., Pageler, N. M.
2024; 7 (6): e2418454
- **Perceptual Similarities among Wallpaper Group Exemplars** *SYMMETRY-BASEL*
Kohler, P. J., Vedak, S., Gilmore, R. O.
2022; 14 (5)

PRESENTATIONS

- Generative AI for Healthcare (Part 1): Demystifying Large Language Models - Stanford Online