

Oluseyi Abiodun Fayanju

Clinical Assistant Professor, Medicine

CLINICAL OFFICE (PRIMARY)

- **Hospitalist for Stanford Medical Center**

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Bio

CLINICAL FOCUS

- Internal Medicine

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine

PROFESSIONAL EDUCATION

- Board Certification: Clinical Informatics, American Board of Preventive Medicine (2024)
- Fellowship: Stanford University Clinical Informatics Fellowship (2022) CA
- Board Certification: Internal Medicine, American Board of Internal Medicine (2020)
- Residency: University of North Carolina Internal Medicine Residency (2020) NC
- Medical Education: Pritzker School of Medicine University of Chicago Registrar (2017) IL

Publications

PUBLICATIONS

- **Holistic evaluation of large language models for medical tasks with MedHELM.** *Nature medicine*
Bedi, S., Cui, H., Fuentes, M., Unell, A., Wornow, M., Banda, J. M., Kotecha, N., Keyes, T., Mai, Y., Oez, M., Qiu, H., Jain, S., Schettini, et al
2026
- **Bridging the Digital Implementation Gap: Operationalizing Agile Innovation and Reducing Clinician Burden via an EHR-Embedded App Store at an Academic Medical Center** *SHM Converge 2026*
Fayanju, O. A., Ma, S. P., Vedak, S., Mohiuddin, I., Tran, J., Boosi, S., Pallas, J., Loh, E., Ruan, E., Gohil, L., Hofmann, L., Li, R., Sharp, et al
2026: S42-S43
- **A Precision Science Approach to Work Design: Linking EHR Workload Metadata, Clinician Well-Being, and Patient Outcomes across 12 Hospitals** *SHM Converge 2026*
Burden, M., Keniston, A., Su, Y., Colborn, K., McBeth, L., Schwatka, N., Uncapher, L., Yazdani, N., Baskaran, N., Filson, K., Westergaard, S., Sakumoto, M., Kangelaris, et al
2026: S58-S59
- **A Mixed-Methods Evaluation of a Primary Care Remote Blood Pressure Monitoring Quality Improvement Pilot.** *Journal of primary care & community health*
Bakhshandeh, H., Tehal, S., Fayanju, O., Kodam, S. P., Rokicki-Parashar, J., Seaton, M., Weng, Y., Phadke, A.
2025; 16: 21501319251358000

- **A call for the informatics community to define priority practice and research areas at the intersection of climate and health: report from 2023 mini-summit.** *Journal of the American Medical Informatics Association : JAMIA*
Schleyer, T., Berenji, M., Deck, M., Chung, H., Choi, J., Cullen, T. A., Burdick, T., Zaleski, A., Craig, K. J., Fayanju, O., Islam, M. M.
2025
- **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., Outterson, R., Li, R., Fayanju, O.
2024; 16 (6 Suppl): 28-34
- **MedAlign: A Clinician-Generated Dataset for Instruction Following with Electronic Medical Records.** *Proceedings of the ... AAAI Conference on Artificial Intelligence. AAAI Conference on Artificial Intelligence*
Fleming, S. L., Lozano, A., Haberkorn, W. J., Jindal, J. A., Reis, E., Thapa, R., Blankemeier, L., Genkins, J. Z., Steinberg, E., Nayak, A., Patel, B., Chiang, C. C., Callahan, et al
2024; 38 (20): 22021-22030
- **MEDALIGN: A Clinician-Generated Dataset for Instruction Following with Electronic Medical Records**
Fleming, S. L., Lozano, A., Haberkorn, W. J., Jindal, J. A., Reis, E., Thapa, R., Blankemeier, L., Genkins, J. Z., Steinberg, E., Nayak, A., Patel, B., Chiang, C., Callahan, et al
edited by Wooldridge, M., Dy, J., Natarajan, S.
ASSOC ADVANCEMENT ARTIFICIAL INTELLIGENCE.2024: 22021-22030
- **Leadership and Impostor Syndrome in Surgery.** *Journal of the American College of Surgeons*
Iwai, Y., Yu, A. Y., Thomas, S. M., Fayanju, O. A., Sudan, R., Bynum, D. L., Fayanju, O. M.
2023
- **Sociodemographic Clustering by Medical Specialty: Equal Access for All?**
Iwai, Y., Yu, A. Y. L., Thomas, S. M., Fayanju, O. A., Sudan, R., Bynum, D. L., Fayanju, O. M.
LIPPINCOTT WILLIAMS & WILKINS.2023: S98
- **Does It Run in the Family? Intergenerational Influences on Specialty Selection**
Iwai, Y., Yu, A. Y. L., Thomas, S. M., Fayanju, O. A., Sudan, R., Bynum, D. L., Fayanju, O. M.
LIPPINCOTT WILLIAMS & WILKINS.2022: S216-S217
- **Climate change and health informatics: pilot survey of perspectives across the field.** *Journal of the American Medical Informatics Association : JAMIA*
Sarabu, C., Deonarine, A., Leitner, S., Fayanju, O., Fisun, M., Nadeau, K.
2022
- **Basal Tumor Cell Isolation and Patient-Derived Xenograft Engraftment Identify High-Risk Clinical Bladder Cancers** *SCIENTIFIC REPORTS*
Skowron, K. B., Pitroda, S. P., Namm, J. P., Balogun, O., Beckett, M. A., Zenner, M. L., Fayanju, O., Huang, X., Fernandez, C., Zheng, W., Qiao, G., Chin, R., Kron, et al
2016; 6
- **Rotation in a Smoking Cessation Clinic Improves Nicotine Dependence Treatment Provided by First-Year Internal Medicine Trainees.** *Family medicine*
O'Sullivan, M. M., Hoskote, S. S., Lesko, M. B., Mallozzi, C. M., Lee, Y. I., Fayanju, O. A., Haller, D., Rashad, M. A., Khusainova, E., Fortune, D., Mathew, R., Van Tassel, C., Fried, et al
2016; 48 (6): 472-6