ANTONIO EMMANUEL SMITH

MD, MBA · Hospitalist Physician · Clinical Informatics Fellow

PROFESSIONAL SUMMARY

Board-certified internist and Clinical Informatics Fellow at Regenstrief Institute with experience in healthcare AI evaluation, clinical workflow optimization, and applied informatics research. Brings five years of hospitalist practice, two years of hospital medical director leadership, and an MBA from Indiana University's Kelley School of Business. Professional experience spans clinical operations, EHR optimization, healthcare administration, and quality improvement, including a 50% reduction in discharge summary documentation length. Current work focuses on AI governance, computational phenotyping, and healthcare sustainability informatics.

RESEARCH & CLINICAL INFORMATICS EXPERIENCE

Healthcare AI Risk Categorization and Governance | 09/2026 – Present

Eskenazi Health

- Applied the Coalition for Health AI (CHAI) risk categorization framework to evaluate clinical AI applications, including ambient documentation, automated clinical summaries, and clinical decision support.
- Assessed 19 risk modifiers across patient safety and technology/data domains, documenting risk classifications, supporting evidence, and areas requiring additional information.
- Developed risk mitigation recommendations addressing clinician oversight, potential patient harm, monitoring, data quality, and deployment considerations.

Generative AI Prompt Design and Clinical Workflow Optimization | 09/2026 – Present

Eskenazi Health

- Contributed to the development and refinement of modular prompt instructions for AI-assisted patient messaging within Epic workflows.
- Organized prompt components by clinical and administrative message categories, including medications, laboratory results, referrals, scheduling, and patient inquiries.
- Addressed clinical safety, response formatting, escalation conditions, and integration of relevant EHR data into AI-generated message drafts.

Heat-Related Health Outcomes and Computational Phenotyping | 07/2026 – Present

Regenstrief Institute

- Contribute to research examining heat-related health outcomes using clinical data and computational phenotyping methods.
- Develop disease identification criteria incorporating diagnostic codes, laboratory findings, and medication data to support identification of relevant patient populations.
- Review and organize clinical phenotype definitions for application in electronic health record-based research.

Healthcare Sustainability Informatics Community of Practice | 07/2026 – Present

Regenstrief Institute

- Collaborate on the development of a proposed Healthcare Sustainability Informatics Community of Practice to facilitate interdisciplinary collaboration, knowledge sharing, and applied research.
- Contributed to a proposal for institutional support outlining the initiative's objectives, organizational structure, and opportunities for collaboration.
- Explore integration with the American Medical Informatics Association's Climate, Health, and Informatics Working Group and potential applications of CarbonEMR as an environmental measurement tool.

Doximity Digital Health Fellowship | 2024, 2025

Doximity

- Evaluated AI-generated literature summaries and clinical documentation outputs, including note templates, for clinical accuracy, relevance, and usability.
- Assessed Doximity Dialer and Scribe outputs, providing physician feedback on clinical workflow compatibility and documentation quality.
- Contributed to the initial development of internal medicine documentation templates, incorporating clinical workflow requirements and physician perspectives.

CLINICAL EXPERIENCE

Hospitalist Physician

08/2020 to Present

Apogee Physicians Group · Good Samaritan Hospital · Vincennes, IN

- Manage a broad acute care inpatient census with primary focus on internal medicine and complex medical conditions.
- Adjunct Clinical Professor supervising Internal Medicine residents from Indiana University Southwest Indiana program and PA students from Butler University and University of Evansville; academic partnerships forged through direct outreach and directly contributed to hiring of a program graduate.
- Engaged community through Walk with a Doc and outpatient clinic visits to strengthen primary care relationships.
- Mentored two undergraduate students through physician shadowing experiences in 2026, providing exposure to inpatient medicine and hospital operations.

Hospitalist Medical Director

03/2023 to 02/2025

Apogee Physicians Group · Good Samaritan Hospital · Vincennes, IN

- Led note bloat committee that reduced discharge summary character count by 50% (14,000 → 7,000), improving documentation quality and physician efficiency.
- Redesigned staffing model during low-census periods to achieve cost savings while maintaining safe physician-to-patient ratios.
- Served on Medical Executive Committee; contributed to credentialing, policy governance, and medical staff advocacy.
- Partnered with Deaconess Health to implement an Epic-based sepsis predictive model, improving early recognition and bundle compliance.
- Audited and edited the majority of hospital order sets; led initiatives improving clinical documentation and informatics infrastructure.
- Represented hospitalist service on HAI, Readmission Reduction, Utilization Review, and Care Transitions committees.

EDUCATION

Clinical Informatics certificate program

08/2026 to Present

Luddy School of Informatics Computing and Engineering, Indiana University · Indianapolis, IN

Clinical Informatics Fellowship

07/2026 - Present

Regenstrief Institute/Indiana University · Indianapolis Indiana

MBA, Business of Medicine

08/2024 – 05/2026

Kelley School of Business, Indiana University · Indianapolis, IN · GPA: 3.953

Capstone: Laminar Health - Executive-level concierge services to address time friction-based access issues in greater Indianapolis.

Residency, Internal Medicine 07/2017 to 06/2020
Wayne State University, Detroit Medical Center · Detroit, MI
HIV Primary Care Track

Doctor of Medicine (M.D.) 08/2012 to 05/2017
Wayne State University School of Medicine · Detroit, MI
Clinical Sites: Detroit Medical Center · Sinai-Grace Hospital

B.S. Chemistry 07/2008 to 05/2012
Bowling Green State University · Bowling Green, OH

HOSPITAL COMMITTEE LEADERSHIP

Utilization Review Committee (Chair)	09/2024 to 06/2026
Medical Executive Committee	03/2023 to 06/2026
Stroke Operations Committee	2024
Policy & Procedures Committee	2023
Peer Quality Review Committee	2023
Note Bloat Committee (Chair)	2023
Hospital Acquired Infection (HAI) Committee	2023
Care Transitions Committee	2023
Quality & Safety Council	2023
Clinical Competency Committee	2022
Sepsis Committee	2020
Antimicrobial Stewardship Committee	2019

PROFESSIONAL MEMBERSHIPS

American Medical Informatics Association (AMIA)	2025
American College of Physicians (ACP)	2020
Society of Hospital Medicine (SHM)	2017

PEER-REVIEWED PUBLICATIONS

1. Paul S, Bachar R, Gill S, Smith A. A Case of Septic Shock Due to Pantoea Spp. in an Immunocompetent Patient. 2022.
2. Mir T, Chang K, Smith A, Ambreen S. Argatroban as Purge Solution in Patient with Heparin-Induced Thrombocytopenia on an Impella Device. American Journal of Therapeutics. 2020.
3. Smith A, Ashraf S, Mir T, Kumar K, Bell K, Ando T. Large RCA Aneurysm: Clinical Image. Journal of Invasive Cardiology. 2019.
4. Bell K, Abu-Heija A, Smith A, Nnodim I. Atrial Septal Aneurysm with Comorbid Pulmonary Arteriovenous Malformation as Etiology for Cryptogenic Stroke. BMJ Case Reports. 2019.
5. Bell K, Elmoghrabi A, Smith A, Kaur J. Paradoxical Bradycardia. Baylor University Medical Center Proceedings. 2018.

ACADEMIC PRESENTATIONS

1. Bachar R, Brown C, El-Khoury A, McKinley L, Smith A. Point-of-care ultrasound curriculum integration for inpatient IM residents. American College of Physicians, Indianapolis, IN. May 2022.
2. Chan E, Brown C, Smith A, Srivangipuram S. Takotsubo Cardiomyopathy in the Setting of Myxedema Coma. American College of Physicians, Indianapolis, IN. May 2021.
3. Ashraf S, Smith A. A Treatment Conundrum: Large Mural Thrombus in Thoracic Aorta. American College of Cardiology, New Orleans, LA. January 2019.
4. Smith A. Characterization of Clinical Strains of Pseudomonas aeruginosa. Ronald McNair Research Symposium, BGSU. July 2011.

CERTIFICATIONS & LICENSURE

ABIM Board Certified, Internal Medicine, 2022 · #414222
Epic Physician Build, 2022
Advanced Cardiac Life Support (ACLS), 2023
Indiana Medical License (Physician), Active through 10/31/2027 · #01084090A
Indiana Medical License (CRS), Active through 10/31/2027 · #01084090B

SELECTED HONORS & AWARDS

Program Director of the Month - Apogee Physicians Group	2023
Adjunct Clinical Faculty Teaching Award - Good Samaritan Hospital	2021
Resident Teaching Award - Detroit Medical Center	2018
Resident Efficiency Award	2017
David Satcher Clerkship Award - Case Western Reserve	2016
Ronald E. McNair Scholar - BGSU	2011

COMMUNITY SERVICE & OUTREACH

Healthcare Career Panel, Vincennes, IN	2023
Walk with a Doc, Vincennes, IN	2023
Healthcare Academy, Vincennes, IN	2022
Social Determinants of Health Committee Multicultural Bazaar, Detroit, MI	2019
Hepatitis Clinic Volunteer, Columbus, OH	2016-2017
Reach Out to Youth Coordinator, Detroit, MI	2015-2016
MCAT Summer Prep Course Assistant, Detroit, MI	2014-2016