

CURRICULUM VITAE

NAME: Finnell, John Thomas

EDUCATION:

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| B.S., Biology, University of Vermont | 1983-1987 |
| M.D., University of Vermont | 1987-1991 |
| Residency: Emergency Medicine, UCSF-Fresno | 1991-1995 |
| EMF/ACEP Teaching Fellowship, Dallas Tx | 1997-1998 |
| Evidence Based Medicine, McMaster University | 2001 |
| M.Sc., Clinical Research, Indiana University | 2002-2004 |
| Informatics Fellow, National Library of Medicine | 2002-2005 |

ACADEMIC APPOINTMENTS:

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|---|--------------|
| Assistant Professor of Emergency Medicine University of Minnesota Medical School | 1995-2002 |
| Assistant Professor of Clinical Emergency Medicine Indiana University School of Medicine | 2002-2005 |
| Associate Professor of Clinical Emergency Medicine Indiana University School of Medicine | 2005-Present |
| Associate Professor of Informatics Indiana University School of Informatics | 2010-Present |

HOSPITAL APPOINTMENTS:

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|--|----------------|
| South County Physicians Medical Group, Selma, CA | 1994 |
| Quantum Emergency Medical Associates, Selma, CA | 1994-1995 |
| Ramsey Medical Center, St. Paul, MN | 1995-1997 |
| Regions Hospital, St. Paul, MN | 1997-2002 |
| Hudson Regional Medical Center, Hudson, WI | 2001-2002 |
| Wishard Memorial Hospital, Indianapolis, IN | 2002-2013 |
| Clarian Health Partners, Indianapolis, IN | 2002-2005 |
| Eskenazi Health, Indianapolis, IN | 2013 – Present |

SPECIALTY BOARD STATUS:

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|--|--------------|
| Diplomat, American Board of Emergency Medicine | 1996-Present |
| Diplomat, American Board of Preventive Medicine in Clinical Informatics | 2013-Present |

LICENSURE AND CERTIFICATION:

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| National Board of Medical Examiners | July 1, 1992 |
| Instructor, Advanced Cardiac Life Support | 1993-Present |
| Pediatric Advanced Life Support | 1993-2002 |
| Instructor, Advanced Trauma Life Support | 1996-2002 |
| CA Supervisor of Physician Assistants # SA 21491 | 1993-1996 |
| Drug Enforcement Administration | 1992-Present |
| California License # G075367 | 1992-1999 |
| Minnesota License # 37974 | 1995-2002 |
| Wisconsin License # 40584-020 | 2000-2003 |
| Indiana License # 01056033A | 2002-Present |

PROFESSIONAL ORGANIZATIONS:

| | |
|---|--------------|
| American Medical Student's Association | 1987-1991 |
| Emergency Medicine Resident's Association | 1991-1996 |
| American College of Emergency Physicians | 1989-Present |
| Society of Academic Emergency Physicians | 1995-Present |
| Council of Residency Directors | 1995-2003 |
| American Academy of Emergency Medicine | 1999-Present |
| American Medical Informatics Association | 2001-Present |

HONORS AND AWARDS:

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| HITRC Study Section (Ad Hoc) Reviewer | 2013 |
| Informatics Study Section Reviewer | 2013-Present |

Indiana University

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| Impact Award for Outstanding Service in Emergency Medicine Informatics | 2005-2006 |
| Anthem Blue Cross Meritorious Award | 2007 |
| AMIA Distinguished Paper Award | 2007 |
| Prestigious External Award Recognition | 2008 |
| AMIA Distinguished Paper Award | 2011 |
| 21 st Century Achievement Award | 2012 |
| Outstanding Research Article in Biosurveillance | 2012 |
| Best Paper Award - AMIA -Public Health Informatics | 2012 |

PCORI

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| Informatics Study Section Reviewer | 2013-Present |
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University of California, San Francisco

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| Vice-President, Fresno Association of Interns and Residents | 1992-1993 |
| President, Fresno Association of Interns and Residents | 1993-1994 |
| Parkmedic Program | 1992-1994 |
| Online Medical Control for Sequoia and Kings Canyon National Parks | |
| Annual Census 2 Million Visitors | |
| Associate Medical Director, Parkmedic Program | 1994-1995 |
| Chief Resident, Emergency Medicine Program | 1994-1995 |

PATENTS

US Patent: 9,228,680: Conduit identification system
 Partnership with IURTC and IU School of Mechanical Engineering

US Provisional Patent Application No. 61/610,689 submitted May 2012

US Provisional Patent Application No. 61/622,641 submitted May 2012

TEACHING ASSIGNMENTS:

| | |
|--|--------------|
| Senior Clerkship, Emergency Medicine: #93ZE690 | 2002-Present |
| Medical School Elective, #93ZE720 | 2002-Present |
| Evidence-Based Medicine: #93ZI502 | 2006-Present |
| Clinical Therapeutics: #93MI710 | 2006-Present |
| Medical Informatics: #93ZM720 | 2008-Present |
| Health Information Standards and Terms INFO581 | 2011-2013 |
| Health Information Exchange INFO582 | 2011-2013 |
| Seminar in Health Informatics I INFO667 | 2009-2011 |
| Seminar in Health Informatics II INFO668 | 2009-2011 |

PROFESSIONAL SERVICE: Professional Organizations

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|--------------------------------------|--------------|
| American Board of Emergency Medicine | |
| Oral Board Examiner | 2002-Present |
| Item Writer | 2014-Present |
| Oral Exam Team Leader | 2015-Present |
| Senior Case Examiner Reviewer | 2016-Present |
| Case Development Panel | 2016-Present |

American College of Emergency Physicians – National:

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| Nominated: ACEP Board of Directors | 2016 |
| Council Steering Committee | 2013-2015 |
| Chairman Reference Committee | 2014 |
| Education Committee | 2014-Present |
| Indiana Counselor | 2010-Present |
| Tellers, Credentials Committee Member | 2010-2013 |

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| State Leader 911 Network | 2010-Present |
| Reference Committee Member | 2010-2013 |
| Clinical Policies Committee – Informatics Liaison | 2004-2007 |
| Academic Affairs Committee | 1999-2003 |
| Secretary Informatics Section | 2002-2003 |
| American College of Emergency Physicians – Indiana: | |
| Past-President INACEP | 2014 |
| President INACEP | 2013-2014 |
| Board of Directors | 2009-Present |
| American College of Emergency Physicians – Minnesota: | |
| Chair, Communications Committee | 2001-2002 |
| Counselor, MN Chapter | 2000-2002 |
| Editor, MN EPIC | 1999-2002 |
| Education Committee | 1998-2002 |
| Legislative Affairs Committee | 1996-2001 |
| AMIA (American Medical Informatics Association) | |
| Member, Board of Directors | 2016 |
| Education Committee | 2016-Present |
| Chair, InSpire Scientific Program Committee | 2016 |
| President, Academic Forum | 2016 |
| Clinical Informatics RRC Expert Reviewer | 2015-Present |
| President Elect, Academic Forum | 2015 |
| Chief Editor, Practice Examination | 2012-Present |
| Abstract Reviewer | 2006-Present |
| Council of Residency Directors | |
| Navigating the Academic Waters Program | 2000-2002 |
| Co-Chair Program Committee | 2000-2001 |
| Technology Committee | 1999-2003 |
| Program Committee | 1999 |
| ERAS Task Force | 1996-1999 |
| Manuscript Peer Reviewer | |
| <i>Academic Emergency Medicine</i> | 2002-Present |
| <i>American Medical Informatics</i> | 2007-Present |
| <i>Annals of Emergency Medicine</i> | 1999-Present |
| <i>The Journal of Emergency Medicine</i> | 1999-Present |
| Society of Academic Emergency Medicine | |
| External Collaboration Committee | 2010-2012 |
| Grants Committee | 2004-2009 |
| Web Redesign Task Force | 2005-2009 |
| Web Task Force | 2004-2005 |
| Faculty Development Committee | 2000-2002 |

PROFESSIONAL SERVICE: Clinical Institutions

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| Eskenazi Health | |
| ED Epic Physician Lead | 2015-Present |
| Emergency Medicine CMIO | 2002-Present |
| Wishard Memorial Hospital | 2002-2013 |
| Emergency Department Informatics Committee-Chair | |
| Emergency Department Operations Committee | |
| Chief Architect – ED Tracking System / EHR | |
| Regions Hospital | 1997-2002 |
| Associate Residency Director | |
| Assistant Residency Director | |
| Co-Medical Director, American Red Cross | |
| GME Committee | |
| Patient’s Rights and Ethics | |
| Internet Committee-Chair | |
| Resident Education Committee | |

PROFESSIONAL SERVICE: Emergency Medicine

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| Program Director, Clinical Informatics Fellowship | 2014-Present |
| Director, Informatics Division, | 2004-2010 |
| Department of Emergency Medicine | |
| Chair, Information Technology Committee | 2004-2010 |
| Emergency Medicine Residency Education Committee | 2002-Present |
| Emergency Medicine Research Committee | 2002-Present |

PROFESSIONAL SERVICE: Indiana University School of Medicine

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| Faculty Advisor for Medical Students | 2004-Present |
| Student Mentor Program: Faculty Member | 2006-Present |

PROFESSIONAL SERVICE: Indiana University School of Informatics

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| Director, Health Informatics | 2010-2013 |
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PROFESSIONAL SERVICE: Regenstrief Institute, Inc

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| External Advisory Board, Biomedical Informatics | 2015 |
| University of Michigan | |
| Director, Medical Informatics Education | 2010-Present |
| Co-Director, Medical Informatics Fellowship | 2007-2010 |

OTHER PROFESSIONAL ACTIVITIES:

International Presentations

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|---|----------------|
| AAEM 1 st Mediterranean Congress | September 2002 |
| Stresa, Italy | |

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| Innovations in EM Medical Student and Resident Education Karolinska Hospital Approach to Abdominal Pain | August 2002 |
| National Presentations | |
| Indiana PDMP Interconnect HIMSS – New Orleans | March 2013 |
| Navigating the Academic Waters “Residency IT Tools” | March 2009 |
| American Medical Informatics Meeting “Data Exchange in the Acute Care Setting” | November 2007 |
| Regions Emergency Medicine Grand Rounds “Information Technology in the ED” | October 2005 |
| Transforming Health Care for Americans with Health Information Technology – “A Conversation with President Bush” | May 27 th , 2004 |
| AMIA Symposium Community Clinical Data Exchange | November 2003 |
| NLM Training Meeting Community Clinical Data Exchange | July 2003 |
| CORD Navigating the Academic Waters Negotiating Skills and Effective Communication Wellness in Emergency Medicine | March 2002 |
| CORD Navigating the Academic Waters Wellness in Emergency Medicine | March 2001 |
| CORD Navigating the Academic Waters Getting Connected and Organized Wellness in Emergency Medicine | March 2000 |
| SAEM Medical Student Forum Round Table Discussion | May 1999 |
| Four Week Course to Teach Rotating Residents Emergency Medicine Poster Presentation SAEM Annual Meeting | May 1996 |
| Local Presentations | |
| VHA Central Work Group Executive Lecture Information Technology to improve quality and patient safety | July 2005 |

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| Indiana HIMSS Emergency Medicine Information Exchange Cost Savings and Quality Improvement | May 2005 |
| Burnett Medical Center Drug-Seeking Behavior | May 1999 |
| University of Minnesota Introduction to Emergency Medicine | February 1998 |
| American Academy of Physician Assistants National Conference Evaluation of Asthma Patient | May, 1997 |
| Minnesota Emergency Medicine Forum Emergency Medicine and the Internet | September 1996 |
| Rural Emergency Nurses Seminar GI Bleeding | May 1996 |

GRANTS AND FELLOWSHIPS:

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| Site Primary Investigator: Infobuttons Columbia University \$ 300,000 | 2004-2007 |
| Primary Investigator: Emergency Care Partnership Health and Hospital Corporation \$ 500,000 | 2007-2009 |
| Primary Investigator: University Based Training Grant Office of the National Coordinator for Health Information Technology \$1,400,000 | 2010-2013 |
| Primary Investigator: Medical Informatics Training Grant NIH, National Library of Medicine \$ 495,856 | 2011-2013 |
| Primary Investigator: MITRE Contract to connect INSPECT data with Wishard Hospital \$111,877 | 2012 |

PUBLICATIONS:

Research: Peer Reviewed

Finnell JT, Knopp, RK, Johnson PJ, Holland PC, Schubert W. A Calibrated Paperclip is a Reliable Measure of Two-Point Discrimination. Acad Emerg Med 2004;11:710-714.

Vreeman DJ, **Finnell JT**, Overhage JM. A Rationale for Parsimonious Laboratory Term Mapping by Frequency. Proc AMIA Symp 2007 Oct 11:771-5
Distinguished Paper Award – AMIA

Nielson JA, Melnick ER, **Finnell JT**. Delphi Consensus on the Feasibility of Translating the ACEP Clinical Policies into Computerized Clinical Decision Support. Ann Emerg Med. 2010 Oct;56(4):317-20

Wilbur L, **Finnell JT**. The Use of a Clinical Informatics System in an Emergency Department non-targeted HIV Screening Program. Ann Emerg Med. 2011 Jul;58(1 Suppl 1):S71-3.e1

Stephens MJ, **Finnell JT**, Simonaitis L, Overhage JM. Variability in Drug Formularies. AMIA Annu Symp Proc. 2011;2011:1327-36. Epub 2011 Oct 22.

Gichoya, J, Gamache R, Vreeman D, Dixon B, **Finnell JT**, Grannis S. An Evaluation of the Rates of Repeat Notifiable Disease Reporting and Patient Crossover Using a Health Information Exchange-based Automated Electronic Laboratory Reporting System. AMIA Annu Symp Proc. 2012;2012:1229-36. Epub 2012 Nov 3.

"Best Paper Award-AMIA 2012" in the category of Public Health Informatics!

Wu J, **Finnell JT**, Grannis S. Evaluating the Potentially Predictive Features of Frequent Emergency Department Users within Routinely Available Registration Data. Submitted for publication.

Park S, **Finnell JT**. Indianapolis Emergency Medical Service and the Indiana Network for Patient Care: Evaluating the Patient Match Algorithm. AMIA Annu Symp Proc. 2012;2012:1221-8. Epub 2012 Nov 3.

Chisholm R, **Finnell JT**. Emergency Department Physician Internet Use during Clinical Encounters. AMIA Annu Symp Proc. 2012;2012:1176-83. Epub 2012 Nov 3.

Wu J, **Finnell JT**, Vreeman D. Impact of Selective LOINC Mapping Strategies on Electronic Clinical Quality Measures. AMIA Annual Symposium, November 2013, Washington DC. AMIA Annu Symp Proc. 2013 Nov 16;2013:1525-32. eCollection 2013.

Wu J, Xu H, **Finnell JT**, Grannis S. A Practical Method for Predicting Frequent Use of Emergency Department Care Using Routinely Available Electronic Registration Data. AMIA Annual Symposium, November 2013, Washington DC. Submitted for presentation.

Abedtash H, **Finnell JT**. A Pilot Study: Integrating an Emergency Department with Indiana's Prescription Drug Monitoring Program. HCII Meeting, Las Vegas, NV. July 2013.

Service: Peer Reviewed

Finnell JT, Harris CR: Cardiovascular Toxicity of Selected Drug Overdoses. *Topics in Emergency Medicine* 2000; 22(1):29-41.

McMicken D, **Finnell JT**: *Acute and Chronic Alcoholism: Rosen's Emergency Medicine*, ed 5, St Louis, 2002, Mosby.

Finnell JT, Overhage JM, Dexter PR, Perkins SM, Lane KA, McDonald CJ. Community Clinical Data Exchange for Emergency Medicine Patients. Proc AMIA Symp 2003; 235-8.

McMicken D, **Finnell JT**: *Acute and Chronic Alcoholism: Rosen's Emergency Medicine*, ed 6, St Louis, 2004, Mosby.

Finnell JT, Overhage JM, McDonald CJ. In Support of Emergency Department Health Information Technology. Proc AMIA Symp 2005; 246-50.

Clinical policy: Critical issues in the evaluation and management of adult patients presenting to the emergency department with acute heart failure syndromes. **Finnell JT** (informatics liason) Ann Emerg Med. 2007 May;49(5):627-69. Epub 2007 Apr 3.

Clinical Policy: Critical Issues in the Evaluation and Management of Adult Patients Presenting to the Emergency Department With Acute Headache. **Finnell JT** (Informatics liason) Ann Emerg Med. 2008 Oct;52(4):407-36.

Finnell JT, McMicken D,: *Acute and Chronic Alcoholism: Rosen's Emergency Medicine*, ed 7, St Louis, 2009.

Finnell JT, Overhage JM. Emergency Medical Services: The Frontier in Health Information Exchange. AMIA Annu Symp Proc. 2010; 2010: 222-226.

Finnell JT, Seupaul RA, McDonald CJ. Experiential Learning in Emergency Medicine. Submitted for Publication

Finnell JT, Alberto G, Wilbur LG. Effective Administration of Influenza and Pneumococcal Vaccines in the Emergency Department Using a Computer Reminder System. Ann Emerg Med. 2011 Jul;58(1 Suppl 1):S71-3.e1.

Finnell JT: *Acute and Chronic Alcoholism: Rosen's Emergency Medicine*, ed 8, St Louis, Submitted for Publication.

Finnell JT, Overhage JM, Grannis S. All Health Care is Not Local: An Evaluation of Emergency Department Care Delivered in Indiana. AMIA Annu Symp Proc. 2011; 2011: 409-416

*Distinguished Paper Award - AMIA 2012
3rd place Award, 2012 for Outstanding Research Article in Biosurveillance
-Impact on Field of Biosurveillance Category*

Education: Peer Reviewed

Unertl K, **Finnell JT**, Sarkar, N. Developing New Pathways Into The Biomedical Informatics Field: The AMIA High School Scholars Program. *JAMIA* (in press).

Lehmann CU, Longhurst CA, Hersh W, Mohan V, Levy BP, Embi PJ, **Finnell JT**, Turner AM, Martin R, Williamson J, Munger B. Clinical Informatics Fellowship Programs: In Search of a Viable Financial Model: An open letter to the Centers for Medicare and Medicaid Services. *Appl Clin Inform*. 2015 Apr 15;6(2):267-70.

Finnell JT, Dixon BE. *Clinical Informatics Study Guide: Text and Review*. New York:Springer, 2015.

ABSTRACTS:

Education:

Ankel F, Kilgore K: Four week course to teach rotating residents emergency medicine procedural skills using the instructional systems design model. Abstract presented, SAEM Annual meeting, May 1996, Denver CO. *Acad Emerg Med* 1996; 3:51

Finnell JT, Seupaul R: Experiential Learning in Emergency Medicine. Abstract Presented at ACEP Meeting, October 2005, Washington, DC.

Finnell JT, Seupaul R, Raines A, Callisto A: Experiential Learning in Emergency Medicine. Oral Presentation: 7th Annual SAEM Midwest Regional Meeting, September 2007, Detroit MI.

Research:

Finnell JT, Knopp, RK, Johnson, PB et al: Interobserver Reliability of Two-Point Discrimination Testing by Emergency Physicians. Abstract presented, ACEP Scientific Assembly, October 2002, Seattle WA. *Annals of Emergency Medicine* 2002, 40:4

Finnell JT, Dexter P, Overhage JM: Patterns of Emergency Healthcare in an Urban Setting. Abstract Presented, ACEP Scientific Assembly, October 2003, Boston, MA.

Finnell JT, Barthell E, Overhage JM, McDonald CJ: Validation of a Comprehensive Set of Coded Emergency Department Chief Complaints. Abstract Presented, IMIA, October 2004, San Francisco, CA.

Dawson L, Wilbur L, Huffman G, Alberto G, **Finnell JT**: Effective Administration of Influenza and Pneumococcal Vaccines in the Emergency Department Using a Computerized Reminder System. Abstract Presented 2006 SAEM Meeting, San Francisco.

Finnell JT, Bagwell S: The Value of Emergency Department Vital Signs. ACEP Scientific Assembly, October 2006, New Orleans, LA.

Wolff E, Kreuter T, Fuhrman J, **Finnell JT**: Serial Cardiac Marker Testing and 30 Day Outcomes. 2008 SAEM Meeting, Washington DC.

Riutta A, **Finnell JT**: Determination of Clinical Criteria to Rule Out Intracranial Abnormalities in Patients without evidence of Trauma. 2008 ACEP Scientific Assembly, Chicago.

Noormohammad S, Grannis S, **Finnell JT**: Changes in patient mortality based upon increased patient load in the Emergency Department. 2008 AMIA Symposium, Washington DC.

Tanner L, Matthews J, Riutta A, Zenarosa R, **Finnell JT**: Determination of Clinical Criteria To Rule Out Intracranial Abnormalities in Patients without Evidence of Head Injury. 2010 SAEM Meeting, Phoenix AZ.

Abedtash H, **Finnell JT**. Integrating an Emergency Department with a Prescription Drug Monitoring Program. Panel Discussion, AMIA Annual Symposium, November 2013, Washington DC. Submitted for presentation.

Cadwallader J, **Finnell JT**. Opioid Abuse Risk Scoring within an Emergency Department. AMIA Annual Symposium, November 2013, Washington DC. Submitted for presentation.

Service:

Esses D, Stead L, **Finnell JT** et al: Introduction to the SAEM Faculty Development Web Site. Abstract presented, SAEM Annual meeting, May 2001, Atlanta GA. *Acad Emerg Med* 2001. 8:585

Towns J, **Finnell JT**. mERlin: Development of an Emergency Department Tracking System. Poster Presentation, HCII Annual meeting, July 2013, Las Vegas, NV.

Finnell JT, Yeaman B, Allain M, Bolin J, Line C. Integration and Interoperability of Prescription Drug Monitoring Programs. Panel Discussion, AMIA Annual Symposium, November 2013, Washington DC. Submitted for presentation.

Takesue B, Meeks-Johnson J, Warvel J, **Finnell JT**. Emergency Department Information Systems Integration: Meaningful Use. AMIA Annual Symposium, November 2013, Washington DC. Submitted for presentation.