

Curriculum Vitae

SAMUEL TRENT ROSENBLOOM, M.D., M.P.H., F.A.C.M.I.

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Date and Place of Birth: February 17, 1970, Nashville, Tennessee

Home Address: 155 Carnavon Parkway, Nashville, Tennessee 37205

Home Phone Number (mobile): (615) 397-7676

Marital Status: Married, Ellie Weiss Rosenbloom, 7/2/1995

Children: Shayna Dori - 11/28/98; Adena Rachel - 11/16/01; Micah Isaac - 1/19/08.

Military Service: N/A

Education:

College:

- Northwestern University, Evanston, IL: BA with honors, History and Literature of Religion, 9/1988 – 6/1992

Professional or graduate:

- Vanderbilt University School of Medicine, Nashville, TN: MD, 8/1992 – 5/1996.
- Vanderbilt University School of Medicine, Nashville, TN: MPH, 9/2000 – 12/2001.

Postgraduate Training:

- Vanderbilt University Hospital, Nashville, TN, Internship, Internal Medicine and Pediatrics, 7/1996 – 6/1997.
- Vanderbilt University Hospital, Nashville, TN, Residency, Internal Medicine and Pediatrics, 7/1997 – 6/2000.
- Vanderbilt University Medical Center, Nashville, TN, Postdoctoral Fellowship, Biomedical Informatics, 7/2000 – 6/2002.

Licensure and Certification:

- 2/1996 – present, ACLS & PALS certification
- 2/1997 – present, DEA registration
- 2/1997 – present, State of Tennessee, medical license, number 29810.
- 1/2001 – present, Diplomate, American Board of Pediatrics.
- 10/2001 – present, Diplomate, American Board of Internal Medicine.

Academic Appointments (Current):

- Associate Professor in Biomedical Informatics, Primary Appointment, Department of Biomedical Informatics, School of Medicine, Vanderbilt University Medical Center, 7/2011 – present.
- Associate Professor in Clinical Nursing, Secondary Appointment, School of Nursing, Vanderbilt University, 7/2011 – present.
- Associate Professor in Pediatrics, Secondary Appointment, Department of Pediatrics, School of Medicine, Vanderbilt University Medical Center, 7/2011 – present
- Associate Professor in Medicine, Secondary Appointment, Department of Internal Medicine, School of Medicine, Vanderbilt University Medical Center, 7/2011 – present.
- Vanderbilt University Medical Center Director of My Health at Vanderbilt, 12/2014 – present
- Vice Chair of Faculty Affairs, Department of Biomedical Informatics, Vanderbilt University Medical Center, 1/2013 – present
- Vanderbilt Health Affiliate Network, Director, Clinical Effectiveness Research, 2/2017 – present

Academic Appointments (Past):

- Lecturer in Clinical Nursing, Secondary Appointment, School of Nursing, Vanderbilt University, 9/2000 – 6/2002.
- Adjunct Clinical Faculty, Department of Internal Medicine, School of Medicine, Vanderbilt University Medical Center, 2/2001 – 6/2004.
- Instructor in Biomedical Informatics, Department of Biomedical Informatics, School of Medicine, Vanderbilt University Medical Center, 7/2002 – 6/2004.
- Instructor in Clinical Nursing, Secondary Appointment, School of Nursing, Vanderbilt University, 7/2002 – 6/2004.
- Instructor in Pediatrics, Secondary Appointment, Department of Pediatrics, School of Medicine, Vanderbilt University Medical Center, 7/2002 – 6/2004.
- Instructor in Medicine, Secondary Appointment, Department of Internal Medicine, School of Medicine, Vanderbilt University Medical Center, 7/2002 – 6/2004.
- Assistant Professor in Biomedical Informatics, Primary Appointment, Department of Biomedical Informatics, School of Medicine, Vanderbilt University Medical Center, 7/2004 – 6/2011.
- Assistant Professor in Clinical Nursing, Secondary Appointment, School of Nursing, Vanderbilt University, 7/2004 – 6/2011.
- Assistant Professor in Pediatrics, Secondary Appointment, Department of Pediatrics, School of Medicine, Vanderbilt University Medical Center, 7/2004 – 6/2011.
- Assistant Professor in Medicine, Secondary Appointment, Department of Internal Medicine, School of Medicine, Vanderbilt University Medical Center, 7/2004 – 6/2011.
- Vanderbilt University Medical Center, Department of Biomedical Informatics, Director of Patient Engagement, 9/2012 – 8/2014
- Vanderbilt University Medical Center Co-Chair of My Health at Vanderbilt, 12/2012 – 12/2014

Hospital / Clinical Appointments:

- Supervising Physician, Vine Hill Community Clinic, Nashville, TN, 11/2000 – present
- Attending Physician, Internal Medicine, WOC, Nashville Veteran's Administration Hospital, Tennessee Valley Healthcare System, 11/2000 – 6/2010.
- PRN Physician Provider, Vanderbilt Medical Group Franklin Walk In Clinic, Franklin, TN,

11/2000 – present

- Adjunct Clinical Faculty, Departments of Internal Medicine and Pediatrics, Vanderbilt University Medical Center, Nashville, TN, 4/2001 – 6/2002.
- Courtesy Physician, Internal Medicine and Pediatrics, Nashville General Hospital at Meharry, Nashville, TN, 6/2003 – present.
- Medical Director, University Community Health Services / ConnectUS, Nashville, TN, 2/2010 – present

Professional Organizations:

- American Medical Association, Student Member, 1992 – 1996
- American Psychiatric Association, Student Member, 1994 – 1996
- American Academy of Pediatrics, Resident member, 1996 – 2000
- Medical Library Association, Member, 4/2007 – 3/2009
- American Medical Informatics Association, Member, 11/2000 – 2015
- American College of Physicians, Member, 7/2003 – 2015
- American Academy of Pediatrics, Member, 7/2004 – present
- American College of Medical Informatics (ACMI), Fellow, 11/2011 – present

Professional Activities Intramural:

Institutional Committees and Centers (current):

- Vanderbilt Kennedy Center for Research on Human Development, 3/2006 – present
- Vanderbilt School of Medicine Chapman College Faculty Affiliate Advisor, 7/2007 – present
- Vanderbilt Affiliated Faculty of the Center for Biomedical Ethics and Society, 12/2012 – present
- Vanderbilt University Medical Center Patient Engagement Technology Steering Committee, 9/2014 – present
- Vanderbilt University School of Medicine Medical Innovators Development Program Leadership Committee, 2015 – present
- Vanderbilt University School of Medicine Admissions Leadership Committee, 2019 – present
- Vanderbilt University School of Medicine Admissions Liaison Committee on Medical Education Standard “Medical Student Selection and Progress” subcommittee, 2019 – present

Institutional Committees and Centers (past):

- Vanderbilt Jewish Medical Student Association, President, 1993 – 1996
- Vanderbilt History of Medicine Society, Member, 1993 – 1995
- Vanderbilt University Committee on Religious Affairs, Student Member, 1994 – 1996
- Vanderbilt Jewish Residents Association, President, 1996 – 2000
- Vanderbilt University Medical Center Medical Records Committee, 7/2003 – 8/2009
- Vanderbilt School of Medicine Admissions Interviewer, 9/2003 – 3/2004
- Vanderbilt School of Medicine Admissions Committee, 9/2004 – 2011 [term limited]
- Vanderbilt School of Medicine 10th Class Reunion Chair, 11/2005 – 10/2006
- Vanderbilt Biomedical Informatics Academic Program Committee, 7/2008 – 6/2011
- Vanderbilt University Medical Center Health Records Committee, Provider Documentation Subcommittee, Member, 9/2009 – 2011
- Vanderbilt School of Medicine Shade Tree Clinic, Clinical Care Leader, 6/2010 – 2014

- Vanderbilt School of Medicine Admissions Review Committee, 12/2011 – 4/2012
- Vanderbilt Biomedical Informatics Curriculum Committee 7/2011 – 2016
- Vanderbilt University Medical Center My Health At Vanderbilt Steering Committee, 8/2012 – 12/2014
- Vanderbilt School of Medicine Executive Admissions Committee, 8/2012 – 5/2016 [term limited]
- Vanderbilt Graduate Faculty Delegate Assembly, 2013 – 2015
- Vanderbilt School of Medicine 20th Class Reunion Chair, 11/2015 – 10/2016

Clinical Software Development Activities:

- 6/1996 – present WizNotes and StarNotes computerized based documentation systems, Project coordinator, content developer, content maintenance, initial oversight by Antoine Geissbuhler, MD, Randy Miller, MD, and Dario Giuse, Dr.Ing
- 1/2000 – 1/2014 QUILL Structured Documentation System, Content and Knowledge Base developer, Managed by Ed Shultz, MD
- 5/2004 – 1/2017 Vanderbilt Computerized Pediatric Growth Charts project, Coordinator
- 3/2009 – 6/2014 Terminology services and problem statement, Coordinator
- 7/2011 – 6/2014 ICD – 10 Terminology Architecture and Integration, Terminology Lead
- 8/2011 – present My Health at Vanderbilt, Director

Professional Activities Extramural:

Study Sections:

- 4/2006 NLM L30/L40 SEP Review Committee, Chair: Peter Elkin
- 7/2006 NLM 2006/10 ZLM1 ZH-K (O1) SEP Review Committee
- 4/2007 NLM L30/L40 SEP Review Committee, Chair: Christopher Cimino
- 6/2007 AHRQ Ambulatory Safety and Quality Program: Enabling Quality Measurement through Health IT SEP, Chair: Reed Gardner
- 5/2008 NLM L30/L40 SEP Review Committee, Chair: Christopher Cimino
- 10/2008 NLM 2009/01 ZLM1 ZH-C (J2) SEP Review Committee, Chair: Chris Cimino
- 2/2009 NLM 2009/05 ZLM1 ZH-C (M3) SEP Review Committee, Chair: Chris Cimino
- 4/2009 NLM L30/L40 SEP Review Committee, Chair: John Hutton
- 4/2010 NLM 2010/08 ZLM1 ZH-L (08) 1 SEP Review Committee, Chair: Patti Brennan
- 4/2010 AHRQ CHOICE SEP 2010/05 ZHS1 HSR-C (01) 1, Chair: Clyde Yancy
- 7/2010 AHRQ SEP 2010/10 ZHS1 HSR-H (01) 1, Chair: Clyde Yancy
- 11/2010 AHRQ SEP 2011/01 ZHS1 HSR-H (01) 1, Chair: Clyde Yancy
- 3/2011 Pennsylvania Final Performance Review – 10-11 Cycle C
- 4/2011 NLM 2011/08 ZLM1 ZH-L (08) 1 SEP Review Committee, Chair: Patti Brennan
- 7/2011 AHRQ CERT SEP 2011/10 ZHS1 HSR-X (03) 1, Chair: Marc Silverstein
- 6/2007 – 5/2012 AHRQ HTDS 2 Standing Review Committee, renamed HITR on 5/2011, Chair: Reed Gardner 2007-2008, Robert Beck 2009 – 2012, extended from 5 year term
- 5/2012 National Science Foundation in CISE (Panel name withheld by policy)
- 9/2012 PCORI Phase 1 Merit Reviewer
- 10/2012 NLM 2013/01 ZLM1 ZH-G (01) 1 SEP Review Committee, Chair: Helga Rippen
- 6/2013 AHRQ 2013/10 HTDS ad hoc reviewer, Chair: Marcelline Harris
- 10/2013 AHRQ 2014/1 HTDS ad hoc reviewer, Chair: Marcelline Harris
- 2/2014 NLM 2014/05 ZLM1 ZH-C 01 SEP Review Committee, Chair: Elizabeth Chen
- 10/2014 NLM 2015/01 ZLM1 ZH-G (01) SEP Review Committee, Chair: Patti Brennan
- 2/2015 2015/05 ZRG1 SBIB-V (82) SBIB Clinical Pediatric Applications, Mail reviewer

3/2015	National Science Foundation in CISE (Panel name withheld by policy)
3/2016	NLM 2016/05 ZLM1 ZH-C (01) 1 SEP Review Committee, Chair: Helga Rippen
7/2016	NLM ZLM1 ZH-C 01 (01) SEP Review Committee, Chair: S. Trent Rosenbloom
10/2016	DOD CDMRP DMRDP Hands Free Electronic Health Records Initiative (HFEHRI) JPC1/MSIS SEP Review Committee, Chair Charles Safran.
2/2017	National Science Foundation in CISE (Panel name withheld by policy)
5/2017	DOD CDMRP MATADOR Developing Models for Military and/or Civilian Medical Trn. from Field Data Collected from Sensors, Chair Suvranu De.
6/2017	Le Fonds de la Recherche Scientifique : Excellence of Science' (EOS) programme, virtual evaluation.
10/2018	AHRQ SEP 2018/01 ZHS1 HSR-F (01) 2, Chair: Robert Jenders
4/2019	American Heart Association AI and ML Grants, Training Grants & Clinical Training Grants committee, Chair: Minang (Mintu) Turalkhia.
8/2019 – present	American Heart Association Institute for Precision Cardiovascular Medicine Data Science, Chairs: Rima Amaout & Sanjiv Narayan.
10/2019	AHRQ SEP 2020/01 ZHS1 HSR-A, Chair: Tom Payne
12/2019	NLM 2020/01 ZLM1 YW-C (01), Chair: Harold Lehmann
1/2020	DOD CDMRP Combat Readiness Medical Research Program TSIM-2 Review Committee, Chair: S. Trent Rosenbloom.

OTHER PROFESSIONAL ACTIVITIES:

National Committees (Current):

2005 – present	American Academy of Pediatrics, Committee on Clinical Information Technology
2018 – present	American Medical Informatics Association Journal and Publications Committee
2019 – present	American Medical Informatics Association Board of Directors

National Committees (Past):

2004 – 2015	Health Level 7, Pediatric Data Special Interest Group
2005 – 2006	Society of General Internal Medicine Clinical Practice Task Force
2006 – 2007	American Medical Informatics Association, 2007 Fall Symposium Scientific Program Committee
2006 – 2011	Journal of the American Medical Informatics Association Editorial Board
2007 – 2008	Journal of the Medical Library Association Editorial Board
12/2009	American Medical Informatics Association 4th Annual Invitational Policy Meeting: Unintended Consequences of Health Information Technology, Organization Committee and Scribe
2010	American Medical Informatics Association Search Committee, Journal of the Medical Informatics Association Editor in Chief
2010 – 2011	American Medical Informatics Association Work Group on Unintended Consequences of HIT and HIE
2011 – 2018	Methods of Information in Medicine Editorial Board
2011 – 2012	American Academy of Pediatrics Electronic Translation of Academy Clinical Content Initiative (eTACC) consultant
2011 – 2013	American Medical Informatics Association Usability Task Force
12/2011	American Medical Informatics Association 6th Annual Invitational Policy Meeting: Enabling the Future State of Clinical Data Capture and Documentation, Invitee and Scribe
12/2012	American Medical Informatics Association 7th Annual Invitational Policy Meeting: Health Data Use, Stewardship, and Governance: Ongoing Gaps and

	Challenges, Invitee
6-11/2013	American Medical Informatics Association 2013 Student Design Challenge: Reinventing Clinical Documentation, Committee member, Reviewer and Judge
12/2013	American Medical Informatics Association 8th Annual Invitational Policy Meeting: Patient-Centered Care, Collaboration, Communication, and Coordination, Invitee.
6–11/2014	Workshop on Interactive Systems in Healthcare 2014, Steering Committee member and submission reviewer.
6-11/2014	American Medical Informatics Association 2014 Student Design Challenge: Beyond Patient Portals: Engaging Patients with their Healthcare Providers, Committee member, Reviewer and Judge.
2014 – 2016	American Medical Informatics Association, 2015 Fall Symposium Scientific Program Committee.
2014 – 2018	Pediatric Care Online Editorial Board
6-11/2015	American Medical Informatics Association 2015 Student Design Challenge: The Human Side of Big Data - Facilitating Human-Data Interaction, Committee member, Reviewer and Judge.
2015	JAMIA Special Issue on Person Generated Health Data, Guest Editor
11/2015	European Federation of Medical Informatics Associations, “Transforming Healthcare with the Internet of Thing” 2016 Program Committee, Paris, France.
9/2016	American Medical Informatics Association 2016 Annual Policy Invitational Meeting. Completing the Evidence Cycle: Reimagining the Research-Practice Relationship in a Post-Meaningful Use Era, invitee.
2016 – 12/2018	International Journal of Medical Informatics Associate Editor
6-11/2016	American Medical Informatics Association 2016 Student Design Challenge: Engaging Providers and Patients in Precision Medicine. Committee member, Reviewer and Judge.
9/2017	American Medical Informatics Association 2017 Annual Policy Invitational Meeting. Redefining our Picture of Health: How Data is Transforming the Role of Patients in Care & Research, committee member.
6-10/2017	American Medical Informatics Association 2017 Student Design Challenge: Leveraging Patient Generated Data for Improving Patient Care. Committee member, Reviewer.
7/2017 – 2019	Buffalo Research Innovation in Genomic and Healthcare Technology Education (BRIGHT Education) (5 T15 LM012495) Advisory Board
2019	American Medical Informatics Association 2019 Student Design Challenge: Leveraging interactive technologies to deliver care outside of traditional care settings – anytime, anywhere. Committee member, Reviewer.
2018 – 2019	American Medical Informatics Association, 2019 Fall Symposium Scientific Program Committee Vice Chair
2019 – 2020	American College of Medical Informatics, 2020 Winter Retreat on “Clinician Burnout: Is it Informatics’ Fault, and What Can We Do About It?”, Program Chair

Industry Consulting:

8/2001 – 9/2006	Consultant for McKesson Clinical Solutions.
11/2002 –1/2004	Collaborating developer for the National Drug File Reference Terminology Mechanism of Action and Physiologic Effects Reference Hierarchies, under the oversight of Steve Brown, MD, MS and Mark Erlbaum, MD.
2/2003 –12/2014	Victory Health Plan, Medical Advisory Committee

10/2003 – 1/2004 Consultant for Apelon, Inc.
4/2017 – 12/2018 Consultant for Backpack Health, Inc.

Honors:

- Jill Stacy Harris Award in Judaic Studies, Northwestern University, 6/1992
- Honors Graduate, Northwestern University, 6/1992
- Housestaff Teaching Award in Pediatrics, Vanderbilt University Hospital, 2/1998
- Housestaff Teaching Award in Pediatrics, Vanderbilt University Hospital, 8/1998
- Annual Teaching Award in Pediatrics, Vanderbilt University Hospital, 6/1999
- Vanderbilt Physician Scientist Development Award, 5/2004
- American Medical Informatics Association New Investigator Award, 11/2009
- Manuscript Selected as a Best Paper of the Year by the International Medical Informatics Association 2010 Yearbook in Medical Informatics, 8/2010
- Election to the American College of Medical Informatics (ACMI), 2011
- Educator's Honor Roll, University of Ottawa Tefler School of Management, 1/2015
- Finalist, JAMIA Editor in Chief search, 2018
- Vanderbilt University Medical Center DBMI Above and Beyond Award, 2019

Teaching Activities:

Medical School Courses:

- Vanderbilt Medicine IDIS-5615, Integrating Information Technology and Clinical Care Immersion Course, Director, 2012 – 2013
- Vanderbilt Medicine IDIS-5072, Emphasis Course, Precepting Physician, 1/2005 – 6/2014
- Vanderbilt Medicine 504-5012, Physical Diagnosis, Precepting Physician, 1/2001 – present
- Vanderbilt Topics in Clinical Management re, "Introduction to Electronic Health Record Systems", 4/2005

Graduate School Courses:

- Vanderbilt ACI 6110 - Introduction to Clinical Informatics, course co-director, 2016 – 2018
- Vanderbilt ACI 6130 - Data to Knowledge (Clinical Data Standards), course co-director, 2016 – present
- Vanderbilt BMIF 370 - Evaluation Methods course, special lecture on Comparative Effectiveness Research methods, instructor, Fall 2010 – 2016, 2019
- Vanderbilt BMIF 316 - Scientific Communication, course co-director, 2010 – present
- Vanderbilt BMIF 300 - Foundations of Biomedical Informatics and Evidence-Based Practice, instructor, lectures given:
 - "Clinical Terminologies", 10/2002 – 2005, 2011 – present
 - "Clinical Documentation", 10/2002 – 2005, 2011 – present
 - "Patient Engagement Technologies", 11/2013 – 2014
- Vanderbilt N303 - Health Care Delivery Systems, "Electronic Health Record Systems: a survey of the issues", instructor, 11/6/2004

Continuing Medical Education:

- Vanderbilt School of Nursing Faculty Practice Grand Rounds, monthly lectures during the academic year, 2 hours AMA CME, 6/2003 - Present, Organizer.

- American Medical Informatics Association Fall Symposium, San Antonio, TX, "QUILL: QUEstions in Information, Logically Linked", 1 hour AMA CME, 11/11/2003, lecturer.
- Seminar on Patient Safety, Teaneck, NJ, "Sharpening the Focus on Patient Safety", 1 hour AMA CME, 2/19/2004, lecturer.
- Vanderbilt Pediatrics Research Conference, "Testing Evaluation Metrics for Clinical Interface Terminologies", 1 hour AMA CME, 8/9/2004, lecturer.
- Vanderbilt GCRC Research Conference, "Clinical Terminologies for Research", 1 hour AMA CME, 3/28/2005, lecturer.
- National Library of Medicine, Biomedical Informatics Course at Woods Hole Marine Biology Laboratory, "Developing and Inserting Clinical Decision Support and Documentation Applications into Clinical Environments", 1 hour AMA CME, 9/29/2005, lecturer.
- Vanderbilt Department of Biomedical Informatics Grand Rounds, "How to Publish in the Biomedical Informatics Literature", 1 hour AMA CME, 4/26/2006, lecturer.
- National Library of Medicine, Biomedical Informatics Course at Woods Hole Marine Biology Laboratory, "Integrating Information into Clinical Workflows", 1 hour AMA CME, 9/28/2006, lecturer.
- Vanderbilt Department of Biomedical Informatics Grand Rounds, "Clinical Documentation for the Electronic Health Record", 1 hour AMA CME, 1/3/2007, lecturer.
- Vanderbilt School of Nursing Faculty Practice Grand Rounds, "Evaluation of the Neonate", 2 hours AMA CME, 9/6/2007, lecturer.
- Vanderbilt Department of Biomedical Informatics Grand Rounds, "Interface Terminologies: Role and Evaluation", 1 hour AMA CME, 3/18/2008, lecturer.
- American Medical Informatics Association Fall Symposium Tutorial, "Clinical Documentation for the Electronic Health Record", 4 hours AMA CME, 11/9/2008, lecturer.
- Vanderbilt CORE conversation, "A Framework for Clinical Documentation", 1 hour AMA CME, 1/26/2009, lecturer.
- Centers for Disease Control and Prevention, Public Health Information Network Conference, Atlanta GA Improving Biosurveillance Using Full-Text Clinical Note Processing (30 minutes AMA CME, 9/1/2009, lecturer.
- American Medical Informatics Association Fall Symposium Tutorial, "Clinical Documentation for the Electronic Health Record", 4 hours AMA CME, 11/15/2009, lecturer.
- Tennessee College of Emergency Physicians Annual Meeting, Chattanooga, TN, "Update on Pediatric Antibiotics", 1 hour AMA CME, 4/20/2010, lecturer.
- Cincinnati Children's Hospital, Cincinnati, OH. "Monitoring Pediatric Growth in the Age of the EHR", 1 hour AMA CME, 5/11/2012, lecturer.
- American Academy of Pediatrics National Convention and Exhibit, Council on Clinical Information Technology, New Orleans, LA. "Incorporating Bright Futures Into Electronic Health Records: The Future of Bright Futures", 2 hours AMA CME, 10/21/2012, panel host, lecturer.
- Medical University of South Carolina, Charleston, SC. "Biomedical Informatics in Support of Clinical Research: obtaining data from clinical practice", 1 hour AMA CME, 11/28/2012, lecturer.
- Stony Brook Medicine, Stony Brook, NY. "Biomedical Informatics in Support of Clinical Research: obtaining data from clinical practice", 1 hour AMA CME, 4/11/2013, lecturer.
- Vanderbilt University Medical Center, Division of General Internal Medicine and Public Health Grand Rounds, "Engaging Patients through a Patient Portal", 1 hour AMA CME, 9/25/2013, lecturer.

- Vanderbilt University Medical Center, Department of Biomedical Informatics, Informatics Seminar, “AMIA 2013 Key Learnings”, 1 hour AMA CME, 12/4/2013, lecturer.
- Vanderbilt University Medical Center, Department of Biomedical Informatics, Informatics Seminar, “AMIA 2013 Health Policy Meeting on Patient Engagement Technologies”, 1 hour AMA CME, 9/17/2014, lecturer.
- Vanderbilt University Medical Center, Department of Biomedical Informatics, Informatics Seminar, “Overview and Update of PCORNet and the MidSouth CDRN”, 1 hour AMA CME, 10/15/2014, lecturer.
- Harvard School of Public Health, Boston MA. Leadership Strategies for Information Technology in Healthcare. “Personal Health Records: Patient Engagement Technologies”, 1 hour AMA CME, 6/4/2015, lecturer.
- Vanderbilt University Medical Center, Department of Biomedical Informatics, Informatics Seminar, “AMIA Symposium 2015 Review Patient Engagement Technologies”, 1 hour AMA CME, 12/2/2015, lecturer.
- Harvard School of Public Health, Boston MA. Leadership Strategies for Information Technology in Healthcare. “Update on Personal Health Records: Patient Engagement Technologies”, 1 hour AMA CME, 5/5/2016, lecturer.
- Vanderbilt University Medical Center, Vanderbilt Institute for Global Health, Nashville, TN. “Chronic Consequences of Global Infectious Diseases”, Plenary Session on Information Technology, 1/23/2017, moderator.
- Harvard School of Public Health, Boston MA. Leadership Strategies for Information Technology in Healthcare. “Update on Personal Health Records: Patient Engagement Technologies”, 1 hour AMA CME, 5/18/2017, lecturer.
- Washington University in St. Louis Special Seminar, St. Louis, MO, “Becoming Just like Everybody: transitioning from a homegrown patient portal to a vendor standard”. 1 hour AMA CME, 8/1/2018, lecturer.
- Vanderbilt University Medical Center, Department of Biomedical Informatics, Informatics Seminar, “My Health at Vanderbilt”, 1 hour AMA CME, 10/3/2018, lecturer.
- Regenstrief Special Work in Progress Seminar, Indianapolis, IN. “My Health at Vanderbilt: Vanderbilt’s Patient Portal Experience”, 1 hour AMA CME, 10/17/2018, lecturer.
- Society for Health Care Strategy & Market Development Annual Conference, Nashville TN. “A Game Plan for Increasing Patient Portal Enrollment”, 9/10/2019, lecturer.

Scientific Presentations:

- American Medical Informatics Association Fall Symposium, San Antonio, TX, “Adequacy of Representation of the NDF-RT Physiologic Effects reference hierarchy for commonly prescribed medications”, 11/11/2003.
- International Medical Informatics Association Medinfo, San Francisco, CA, “Generating Complex Clinical Documents Using Structured Entry and Reporting”, 9/11/2004.
- Mednet 2006, 11th World Congress on Internet in Medicine: the Society for Internet in Medicine, “Modeling Structural Evolution in a Reference Terminology”, 10/17/2006
- Gatlinburg Conference On Research & Theory in Intellectual & Developmental Disabilities, Annapolis, MD, “What Large-Scale, Administrative Databases Can Tell Us About Down Syndrome: Down Syndrome and Adverse Birth Outcomes”, 3/9/2007.
- American Health Information Management Association, Advanced Health Information Management Issues for Managing and Using EHRs, Chicago, IL, “The Role and Evaluation of Interface Terminologies”, 3/10/2008.

- American Medical Informatics Association Fall Symposium, Washington, DC, “Specialized Pediatric Growth Charts For Electronic Health Record Systems”, 11/16/2010.
- American Medical Informatics Association Fall Symposium, Chicago, IL, “Enhancing Patient Safety and the Quality of Care with Improved Usability of Health Information”, 11/4/2012, panelist.
- American Medical Informatics Association Fall Symposium, Chicago, IL, “Managing the Flood of Codes: maintaining patient problem lists in the era of Meaningful Use and ICD10”, 11/5/2012, lecturer.
- American Medical Informatics Association Fall Symposium, Chicago, IL, “Computerized Provider Documentation: Impact and Implications for Healthcare Practice, Quality, and Research in the Meaningful Use Era”, 11/6/2012, lecturer.
- American Medical Informatics Association Fall Symposium, Washington DC, “Informatics Challenges and the Future of Electronic Clinical Documentation”, 11/18/2013, panelist.
- American Medical Informatics Association Fall Symposium, Washington DC, “Patient-Generated Health Data in Practice: Learning from the Early Experiences of Innovators”, 11/16/2014, panelist.

Other Lectures:

- InSight Conference, Salt Lake City, UT, “Evidence Based Medicine and Clinical Decision Support”, 10/19/2002, Lecturer
- McKesson Focus on Pharmacy Seminar Series, “Clinician Order Entry System with Integrated Decision Support”, presented in Ann Arbor MI, Kalamazoo MI, Chicago IL, Philadelphia PA, Dallas TX, Los Angeles CA, Raleigh NC, St. Louis MO 3/2003 – 7/2004.
- Healthcare Information and Management Systems Society Meeting, Orlando, FL, “Changing Clinical Practice through Provider Order Entry with Case Study”, 2/22/2004
- Vanderbilt Hillel, “Faith in Practice: Jewish Medical Ethics”, 11/9/2004, panelist.
- Learn from our Leaders Seminar, “Successfully Implementing Clinical Decision Support through Clinical Provider Order Entry”, 1/2/2005.
- National Healthcare Informational Technology Summit, Nashville, TN, “Combining CPOE, decision support and EHR for quality”, 5/5/2005.
- Minnesota Healthcare Information and Management Systems Society Meeting, Minneapolis, MN, “Computerized Provider Order Entry, Clinical Adoption, and Decision Support”, 5/16/2005.
- American Camping Association Annual Meeting, Nashville, TN, “Food Allergies and Camp”, 2/15/2008, lecturer.
- Mount Sinai School of Medicine, New York, NY, “Documenting clinical data for electronic health record systems”, 1/27/2009, lecturer.
- Vanderbilt University, Vandy Moms Group, Nashville, TN, “Everything You Ever Wanted to Know about Immunizations, But Were Afraid to Ask”, 10/23/2010, lecturer.
- Vanderbilt Children’s Hospital Fellow’s Lecture, Nashville, TN, “Introduction to Biomedical Informatics”, 3/24/2011, lecturer.
- Dartmouth-Hitchcock Medical Center, Lebanon, NH. “Information in the Workflow”, 6/28/2011, lecturer.
- Vanderbilt University Department of Biomedical Informatics, Summer Series, Nashville, TN. “Patient-targeted Decision Support”, 7/20/2011, lecturer.
- Vanderbilt University Medical Center, Vanderbilt Children’s Hospital Perioperative Services meeting, Nashville, TN. “Ritual Jewish Circumcision: issues for Perioperative Services”, 8/10/2011, lecturer.

- Evanston Memorial Hospital, Evanston, IL. "Information in the Workflow", 10/28/2011, lecturer.
- Vanderbilt Children's Hospital Fellow's Lecture, Nashville, TN, "Introduction to Biomedical Informatics", 1/5/2012, lecturer.
- Vanderbilt University Medical Center Informatics Center New Staff Orientation, Nashville, TN, "Leveraging Informatics During Clinical Patient Care", 3/7/2012, lecturer.
- Vanderbilt University Medical Center, Pharmacy Rounds, Nashville, TN, "Leveraging Informatics During Clinical Patient Care", 5/7/2012, lecturer.
- Vanderbilt University Medical Center, Biostatistics Seminar, Nashville, TN. "Modeling Pediatric Growth", 8/29/2012, lecturer.
- American Medical Informatics Association Evaluation Working Group Webinar, virtual location, "Computerized Provider Documentation: Evaluating Implications for Healthcare Practice, Quality, and Research", 2/14/2013, lecturer.
- American Medical Informatics Association Evaluation Working Group Webinar, virtual location, "Part 2: Computerized Provider Documentation: Evaluating Implications for Healthcare Practice, Quality, and Research", 4/17/2013, lecturer.
- Summer Semester Course, Summer Semester 2013, "Leveraging Clinical Information Technologies", University: Technische Universität Braunschweig, Germany, "Introduction to Clinical Terminologies", 5/30/2013, lecturer.
- Cerner Physician Community (CPC) meeting 2014, "Clinical Documentation - Evaluating clinical documentation at the intersection of research and the real world", Kansas City, MO, 4/29/2014, Keynote speaker.
- Anchorage Alaska Grand Rounds, "Clinical Documentation and Note Bloat", Anchorage, AK, 7/17/2014 (Alaska Native Medical Center), 7/18/2014 (Providence Medical Center), lecturer.
- Vanderbilt V Pocket Series, "Pragmatic Clinical Trials", Nashville, TN, 12/2/2014, Lecturer.
- University of Ottawa Telfer School of Management Health Systems Research Seminar, "Technologies That Support Patient Engagement", Ottawa, ON, Can., 1/30/2015, lecturer
- Greenway Health Webinar, "Our Partnership with Vanderbilt University Medical Center & Patient-Centered Outcomes Research", 2/26/2015, discussant.

Clinical Teaching:

- Precepting Physician, Vine Hill Community Clinic, University Community Health Services / ConnectUS, Nashville, TN, 11/2000 – present.
- Attending Physician, Internal Medicine, Nashville Veteran's Administration Hospital, Tennessee Valley Healthcare System, 11/2000 – 6/2002.
- Precepting Physician, Shade Tree Clinic, 6/2007 – present.

Research Supervision

2003 – 2005	John Belletti – Vanderbilt University Medical School Introduction to Biomedical Research preceptor, Medical Student, mentor
2004 – 2006	Sutin Chen – Vanderbilt University Medical School Introduction, Emphasis Program, Medical Student, mentor, awarded top abstract in emphasis area
2004 – 2006	Rebecca Jerome – Vanderbilt University Medical Center, School of Public Health, Thesis Committee, member
2004 – 2007	Adrienne Crowe – Meharry Medical School, Summer Research, Medical Student, mentor
2005 – 2007	David Leiman – Vanderbilt University Medical School Introduction, Emphasis

2007 – 2007 Program, Medical Student, mentor, awarded top abstract in emphasis area
 2007 – 2009 Laveil Allen – Meharry Medical School, Summer Researcher, Medical Student
 Artyom Sedykh – Vanderbilt University Medical School Introduction, Emphasis
 Program, Medical Student, mentor, awarded top abstract in emphasis area
 2007 – 2011 Randy Carnevale – Vanderbilt University Medical School, Department of
 Biomedical Informatics, Doctoral thesis committee, member
 2007 – 2011 Stephany Duda – Vanderbilt University Medical School, Department of
 Biomedical Informatics, Doctoral thesis committee, member
 2008 – 2011 Kelly Kohorst – Vanderbilt University Medical School Introduction, Emphasis
 Program, Medical Student, mentor
 Spring, 2008 Diane Montella – Vanderbilt University Medical School, Department of
 Biomedical Informatics Research Rotation, Postdoctoral Masters, mentor
 2009 – 2011 Shane Stenner – Vanderbilt University Medical School, Department of
 Biomedical Informatics, Post-Doc Masters thesis committee, member
 2009 – 2011 Jaycelyn Holland – Vanderbilt University Medical School Introduction, Emphasis
 Program, Medical Student, mentor
 2009 – 2011 Stephanie Hsu – Vanderbilt University Medical School Introduction, Emphasis
 Program, Medical Student, mentor
 2010 – 2011 Sophia Norella – Vanderbilt University Medical School, Department of
 Biomedical Informatics, Masters thesis committee, member
 2010 – 2012 Joshua Smith – Vanderbilt University Medical School, Department of Biomedical
 Informatics, Masters thesis committee, member
 Fall, 2010 Naqi Khan – Vanderbilt University Medical School, Department of Biomedical
 Informatics Research Rotation, Postdoctoral Masters, mentor
 Summer, 2011 Kryollos (Kouly) Tawfik – National Library of Medicine Summer Research Intern
 at Vanderbilt Department of Biomedical Informatics, mentor
 2011 – 2012 Naqi Khan – Vanderbilt University Medical School, Department of Biomedical
 Informatics, Masters thesis committee, chair
 2011 – 2013 Robert Turer – Vanderbilt University Medical School, Emphasis Program,
 Medical Student, mentor
 2011 – 2013 Ellen Yan – Vanderbilt University Medical School, Department of Biomedical
 Informatics, Masters thesis committee, chair
 Fall, 2012 Lina Suleiman – Vanderbilt University Medical School, Department of Biomedical
 Informatics Research Rotation, Masters Student, mentor
 2013 – 2015 Pedro Teixeira – Vanderbilt University Medical School, Department of
 Biomedical Informatics, Doctoral thesis committee, member
 2013 – present Dong Wang – Vanderbilt University Medical School, Department of Biomedical
 Informatics, Doctoral thesis committee, chair
 2013 – 2017 Yaa Kumah-Crystal – Vanderbilt University Medical School, Department of
 Biomedical Informatics, Postdoctoral Masters thesis committee, chair
 Summer 2013 Danielle Buchanan – National Library of Medicine Summer Research Intern at
 Vanderbilt Department of Biomedical Informatics, mentor
 Spring, 2014 Rob Cronin – Vanderbilt University Medical School, Department of Biomedical
 Informatics Research Rotation, Postdoctoral Masters Student, mentor
 Summer 2014 Monica Evans – National Library of Medicine Summer Research Intern at
 Vanderbilt Department of Biomedical Informatics, mentor
 Summer 2014 Neil Vajapura – National Library of Medicine Summer Research Intern at
 Vanderbilt Department of Biomedical Informatics, mentor
 Spring, 2015 Dara Eckerle Mize – Vanderbilt University Medical School, Department of
 Biomedical Informatics Research Rotation, Postdoctoral Masters Student,
 mentor

2014 – 2015	Ariana Prekazi - Vanderbilt University Medical School, Department of Biomedical Informatics, Visiting German Masters Student, thesis mentor
2014 – 2016	Laura Kaufman – Vanderbilt University Medical School, Department of Biomedical Informatics Research Elective, mentor
2015	Mark Merolli – University of Melbourne, Australia, doctoral thesis examiner
2017 – 2019	Joe Wong – Vanderbilt University Medical School Informatics Immersion Course, preceptor & mentor
2018 – present	Romy Pein – Vanderbilt University College of Arts And Sciences elective research preceptor
2018 – 2020	Byran Steitz – Vanderbilt University Medical School, Department of Biomedical Informatics, Doctoral committee, member
2018 – present	Linda Zhang – Vanderbilt University Medical School, Department of Biomedical Informatics, Doctoral thesis committee, member
Fall, 2019	Marilyn Barron – Vanderbilt University Medical School, Department of Biomedical Informatics Research Rotation

Vanderbilt University Medical Student Advising: (program phased out for the class of 2011)

- Behin Barahimi, Class of 2007
- Jeanetta Frye, Class of 2007
- India Fox Landrigan, Class of 2008, the School of Medicine Founder's Medalist
- Ben Rosenbaum, Class of 2008
- Samuel Neil Crosby, Class of 2009
- Matthew Emanuel, Class of 2009
- Yuriy Bronshteyn, Class of 2010, a 2007 Amos Christie Scholar
- Michael Bryan Nichols, Class of 2010

Other Significant Activities:

2002 – present	Camp Nebagamon for Boys, Summer Camp Doctor (1-2 weeks per Summer)
2004 – 2011	West End Synagogue, Website Committee, Chair
2004 – 2008	West End Synagogue, Board of Directors (Executive Committee, 2007-2008)
2006 – present	Harpeth Hills Flying Monkey Marathon, Founder and Race Director
2007 – 2010	Akiva School of Nashville, Board of Directors
2011 – 2018	Vanderbilt University Hillel, Board of Directors
2/13/2013	Testified at the Office of the National Coordinator Health Information Technology Policy Meaningful Use and Certification / Adoption Workgroups Clinical Documentation hearing
5/30/2014	Testified at the Institute of Medicine Digital Learning Collaborative Electronic Health Record-Enabled Research Meeting
12/5/2018	Joint AMIA / AHIMA Capitol Hill briefing: “Unlocking Patient Data—Pulling the Linchpin of Data Exchange and Patient Empowerment”

Research Program:

Extramural Research Support (Current):

Project Title: Improving Identification and Healthcare for Patients with Inherited Cancer Syndromes: Evidence-based EMR Implementation Using a Web-based Computer Platform
Contract Number: 1 U01 CA232829-01A1
Contract Source: National Cancer Institute
Co-Principal Investigators: WEISNER, GEORGIA, MD; ORLANDO, LORI, MD
Role: Co-Investigator
Project Period: 09/01/2019 – 08/31/2024
Total Site Award Amount: \$5,339,027
Salary Support: 10%

Project Title: Mid-South Clinical Data Research Network – 2.0
Contract Number: VUMC69255
Contract Source: People-Centered Research Foundation
Principal Investigator: ROTHMAN, RUSSELL, MD, MPP
Role: Co-Investigator
Project Period: 11/01/2018 – 09/30/2020
Total Site Award Amount: \$1,468,998 (Total Award: \$3,268,756)
Salary Support: 10%

Project Title: Expanding Patient Engagement in Diabetes Care: Patient Portal Innovation
Contract Number: 1 R18 DK123373-01
Contract Source: National Institute of Diabetes and Digestive and Kidney Diseases
Principal Investigator: MARTINEZ, WILLIAM, MD MPH
Role: Co-Investigator
Project Period: 12/01/2019 – 11/30/2024
Total Site Award Amount: \$3,035,053
Salary Support: 5%

Project Title: ACTION III: CDS for Pain Management
Contract Number: pending
Contract Source: Agency for Healthcare Research and Quality
Co-Principal Investigators: WEITKAMP, ASLI, PHD; **ROSENBLOOM, S. TRENT, MD MPH**
Project Period: 10/01/2019 – 09/30/2021
Total Site Award Amount: \$759,557
Salary Support: 10%

Project Title: Prediction of Anti-Cancer Medication Discontinuation via Patient Portal Messages and Structured Electronic Medical Records
Contract Number: 1 R01 CA237452-01A1
Contract Source: National Cancer Institute
Co-Principal Investigator: YIN, ZHIJUN, PHD
Role: Co-Investigator
Project Period: 04/01/2020 – 03/31/2024
Total Site Award Amount: \$1,708,737
Salary Support: 5%

Extramural Research Support (Pending):

none

Extramural and Intramural Research Support (Past):

Project Title: VGER, the Vanderbilt Genome-Electronic Records Project – Administrative Supplement

Contract Number: 3 U01 HG008672-04S2

Contract Source: National Human Genome Research Institute

Principal Investigator: RODEN, DAN, MD; DENNY, JOSH, MD, MS

Role: Co-Investigator

Project Period: 06/01/2018 – 03/31/2020

Total Site Award Amount: \$4,285,543

Salary Support: 5%

Project Title: Assessing Market Opportunities for an Automated Clinical Documentation Service with Data Capture Designed for Secondary Use

Contract Number: 1912903

Contract Source: National Science Foundation

Principal Investigator: **ROSENBLOOM, S. TRENT, MD MPH**

Project Period: 02/15/2019 – 07/31/2019

Total Award Amount: \$50,000

Project Title: The Mid-South Clinical Data Research Network, Phase II

Contract Number: CDRN 1501-26498

Contract Source: Patient-Centered Outcomes Research Institute (PCORI)

Co-Principal Investigators: ROTHMAN, RUSSELL, MD, MPP;

ROSENBLOOM, S. TRENT, MD, MPH; HARRIS, PAUL, PHD

Project Period: 10/01/2015 – 03/31/2019

Total Award Amount: \$8,588,047

Salary Support: 10%

Project Title: VGER, the Vanderbilt Genome-Electronic Records Project

Contract Number: 3 U01 HG008672-04S1

Contract Source: National Human Genome Research Institute

Co-Principal Investigators: RODEN, DAN, MD; DENNY, JOSH, MD MS

Role: Co-Investigator

Project Period: 06/01/2018 – 05/31/2019

Total Site Award Amount: \$853,950 (Total Award: \$3,581,313)

Salary Support: 5%

Project Title: Mid-South Practice Transformation Network

Grant Number: 1L1CMS331461-01-00

Grant Source: Centers for Medicare and Medicaid Services

Principal Investigator: ROTHMAN, RUSSELL, MD, MPP

Role: Co-Investigator

Project Period: 09/29/2015 – 09/28/2019

Total Site Award Amount: \$6,297,428 current direct; \$6,512,974 total award

Salary Support: 5%

Project Title: Improving Quality by Maintaining Accurate Problem Lists in the EHR (IQ-MAPLE)

Grant Number: 1 R01 HL122225-01

Grant Source: National Heart, Lung, and Blood Institute (NHLBI), NIH

Site-Principal Investigator: **ROSENBLOOM, S. TRENT, MD, MPH**
Project Period: 04/01/2015 – 03/31/2018
Total Site Award Amount: \$40,646
Salary Support: 5%

Project Title: Personal Health Information Needs and Practices for Maternal Fetal Care
Grant Number: 1 R01 HS021496-01A1
Grant Source: Agency for Healthcare Research and Quality (AHRQ)
Principal Investigator: JACKSON, GRETCHEN PURCELL, MD PhD
Project Period: 07/01/2013 – 06/30/2017
TOTAL FEDERAL AWARD AMOUNT - \$222,548
Salary Support – 5% year 1, 15% years 2-4

Project Title: The Mid-South Clinical Data Research Network
Contract Number: CDRN-1306-04869
Contract Source: Patient-Centered Outcomes Research Institute (PCORI)
Co-Principal Investigators: ROTHMAN, RUSSELL, MD, MPP;
ROSENBLOOM, S. TRENT, MD, MPH; HARRIS, PAUL, PHD
Budget Period: 01/01/2014 – 09/30/2015
Project Period: 01/01/2014 – 09/30/2015
Total Award Amount: \$6,951,797
Salary Support: 30%

Project Title: Nurse Education, Practice, Quality, and Retention - Interprofessional Collaborative Practice
Grant Number: UD7HP25064
Grant Source: Health Resources and Services Administration (HRSA)
Principal Investigator: PILON, BONITA A
Role: Co-Investigator
Project Period: 09/1/2012 - 06/30/2015
TOTAL FEDERAL AWARD AMOUNT: \$1,394,204
Salary support - 10% years 1-3

Project Title: Evaluation of Stage 3 Meaningful Use Objectives
Contract Number: RTI Task Order Number: 005
Contract Source: Agency for Healthcare Research and Quality (AHRQ)
Site Principal Investigator: **ROSENBLOOM, S. TRENT, MD, MPH**
Budget Period: 09/26/2013 – 09/25/2014
Project Period: 09/26/2013 – 09/25/2014
TOTAL FEDERAL AWARD AMOUNT: \$48,369.60
Salary Support: 5% effort

Project Title: Evaluation of State HIE Cooperative Agreement Program
Grant Number: Prime Contract Number: HHSP23320095647WC
Grant Source: National Opinion Research Center through DHHS/ONC
Principal Investigator: **ROSENBLOOM, S. TRENT, MD MPH**
Project Period: 04/01/2010 - 03/31/2014
Salary Support: variable, Years 1-4

Project Title: Disseminating Adapted Diabetes Evidence To Clinicians Through A Patient Portal
Grant Number: 1 R18 HS019276-01

Grant Source: Agency for Healthcare Research and Quality (AHRQ)
Principal Investigator: **ROSENBLOOM, S. TRENT, MD MPH**
Budget Period: 09/01/2010 - 08/31/2013
Project Period: 09/01/2010 - 08/31/2013
TOTAL FEDERAL AWARD AMOUNT - \$1,402,990
Salary support - 30% years 1-3

Project Title: Real-time disambiguation of Abbreviations in Clinical Notes
Grant Number: 1 R01 LM 010681-01
Grant Source: National Library of Medicine, NIH
Principal Investigator: XU, HUA, PhD
Role: Co-Investigator
Budget Period: 04/01/2010 - 03/31/2013
Project Period: 04/01/2010 - 03/31/2013
Salary support - 15% years 1-3

Project Title: A Framework Based Clinical Documentation Evaluation Method
Grant Number: 1 R01 LM009591-01A1
Grant Source: National Library of Medicine, NIH
Principal Investigator: **ROSENBLOOM, S. TRENT, MD MPH**
Budget Period: 9/30/2008 – 9/29/2011
Project Period: 9/30/2008 – 9/29/2012
TOTAL FEDERAL AWARD AMOUNT - \$916,662
Salary support - 30% years 1-3

Project Title: Vanderbilt Biomedical Informatics Training Program – Curriculum Supplement
Grant Number: 3 T15 LM007450-09S1
Grant Source: National Library of Medicine, NIH
Principal Investigator: GADD, CYNTHIA S., PhD
Budget Period: 07/01/2010 – 06/30/2011
Project Period: 07/01/2010 – 06/30/2011
TOTAL FEDERAL AWARD AMOUNT: \$214,796
Salary Support: 5%

Project Title: Pharmacogenetics Of Phase II Drug Metabolizing Enzymes
Grant Number: 3 U01 GM61388-03S1
Grant Source: Pharmacology, Physiology, & Biological Chemistry Division, NIGMS, NIH
Principal Investigator: WEINSHILBOUM, RICHARD M, MD, Mayo Clinic College of Medicine
Role: Co-Investigator
Project Period: 04/01/2000 - 03/31/2004
Support Period: 04/01/2002 - 03/31/2003
TOTAL FEDERAL AWARD AMOUNT - \$517,712
VANDERBILT SUBCONTRACT DIRECT AMOUNT - \$101,583
Salary support - 50%

Project Title: The Clinical Informationist: Does the Model Work
Grant Number: 1 R01 LM007849-01
Grant Source: National Library of Medicine
Principal Investigator: GIUSE, NUNZIA, MD MLS
Role: Co-Investigator
Budget Period: 06/15/2003 - 01/31/2005

Support Period: 06/15/2003 - 05/14/2004
TOTAL FEDERAL AWARD AMOUNT - \$1,120,535
Salary Support – 23.5% year 1; 13.9% year 2

Project Title: “Independent Validation and Verification of Biosense”
Grant Number: 1 U38 HK00014-01
Grant Source: CDC/Subcontract with Mayo Clinic
Principal Investigator: BROWN, STEVEN, MD MS
Role: Co-Investigator
Project Period: 09/30/2006-09/29/2009
Salary Support - 1.92 calendar months (16%), 2/1/2008-9/29/2008

Project Title: “Biosurveillance Utilizing SNOMED-CT based Natural Language Processing”
Grant Number: 5 R01 PH000022-03
Grant Source: NIH/Subcontract with Mayo Clinic
Principal Investigator: BROWN, STEVEN, MD MS
Role: Co-Investigator
Project Period: 09/30/2005-09/29/2009
Salary Support - 4.2 calendar months (35%), 2/1/2008-9/29/2008

Project Title: Planning Multidisciplinary and Multicenter Strategies for Understanding Optimal Health Information Delivery to Children
Grant Number: LG-52-08-0074-08
Grant Source: Institute of Museum and Library Services
Principal Investigator: GIUSE, NUNZIA, MD MLS
Role: Co-Investigator
Budget Period: 10/01/2008 – 03/31/2009
Project Period: 10/01/2008 – 03/31/2009
TOTAL FEDERAL AWARD AMOUNT - \$36,918
Salary support - 5%

Project Title: Testing Evaluation Metrics for Interface Terminologies
Grant Number: K22 LM08576
Grant Source: National Library of Medicine, NIH
Principal Investigator: **ROSENBLOOM, S. TRENT, MD MPH**
Budget Period: 2/01/2005 – 1/31/2009
Project Period: 2/01/2005 – 1/31/2009
TOTAL FEDERAL AWARD AMOUNT - \$464,013
Salary support - 75% years 1-3, 5% year 4

Grant Source: Vanderbilt Physician Scientist Development Program
Principal Investigator: **ROSENBLOOM, S. TRENT, MD MPH**
Project Period: 07/01/2004 – 01/31/2005
Salary Support – 53.8%

PUBLICATIONS AND PRESENTATIONS:

Refereed Journals (Peer Reviewed Papers):

Google Scholar Page: <https://scholar.google.com/citations?user=k2RLJ0kAAAAJ&hl=en>

Citations: 4444; h-index: 34; i10-index 72

1. Mitchell WM, **Rosenbloom ST**, Gabriel J. Induction of mucosal anti-HIV antibodies by facilitated transfection of airway epithelium with lipospermine/DNA complexes. *Immunotechnology*. 1995 Dec;1(3-4):211-9.
2. Brown SH, Lincoln M, Hardenbrook S, Petukhova ON, **Rosenbloom ST**, Carpenter P, Elkin P. Derivation and Evaluation of a Document-naming Nomenclature. *J Am Med Inform Assoc*. 2001 8: 379-390.
3. **Rosenbloom ST**, Awad J, Speroff T, Elkin PL, Rothman R, Spickard A III, Peterson J, Bauer BA, Wahner-Roedler DL, Lee M, Gregg W, Johnson KB, Jirjis J, Erlbaum MS, Carter JS, Lincoln MJ, Brown SH. Adequacy of representation of the National Drug File Reference Terminology Physiologic Effects reference hierarchy for commonly prescribed medications. *Proceedings of the AMIA Annual Symposium*. 2003; 569-78.
4. Brown SH, Elkin PL, **Rosenbloom ST**, Husser C, Bauer BA, Lincoln MJ, Carter J, Erlbaum M, Tuttle MS. VA National Drug File Reference Terminology: A Cross-Institutional Content Coverage Study. *Studies in Health Technology and Informatics*. 2004;107(Pt 1):477-81.
5. **Rosenbloom ST**, Kiepek W, Belletti J, Adams P, Shuxteau K, Johnson KB, Elkin PL, Shultz EK. Generating Complex Clinical Documents Using Structured Entry and Reporting. *Studies in Health Technology and Informatics*. 2004;107(Pt 1):683-7.
6. **Rosenbloom ST**, Grande, Geissbuhler A, Miller RA. Experience in Implementing Inpatient Clinical Note Capture via a Provider Order Entry System. *J Am Med Inform Assoc*. 2004 Jul-Aug;11(4):310-5.
7. **Rosenbloom ST**, Talbert D, Aronsky D. Clinicians' Perceptions of Clinical Decision Support Integrated into Computerized Provider Order-Entry. *International Journal of Medical Informatics*. 2004 Jun 15;73(5):433-41. DOI: 10.1016/j.ijmedinf.2004.04.001. PMID: 15171984.
8. Neilson EG, Johnson KB, **Rosenbloom ST**, Dupont WD, Talbert D, Kaiser A, Miller RA. The Impact of Peer Management On Test Ordering Behavior. *Annals of Internal Medicine*. 2004 Aug 3;141(3):196-204.
9. Grogan EL, Speroff T, Deppen S, Roumie C, Elasy T, Dittus R, **Rosenbloom ST**, Holzman M. Improving Documentation of Patient Acuity Level using a Progress Note Template. *Journal of the American College of Surgeons*. 2004 Sep;199(3):468-75.
10. **Rosenbloom ST**, Giuse NB, Jerome RN, Blackford JU. Providing Evidence Based Answers to Complex Clinical Questions: Evaluating the Consistency of Article Selection. *Academic Medicine*. 2005 Jan;80(1):109-14.
11. **Rosenbloom ST**, Geissbuhler AJ, Dupont WD, Giuse DA, Talbert DA, Tierney WM, Plummer WD, Stead WW, Miller RA. Effect of CPOE User Interface Design on User-Initiated Access to Educational and Patient Information During Clinical Care. *J Am Med Inform Assoc*. 2005;12:458-473.

12. **Rosenbloom ST**, Chiu KW, Byrne DW, Talbert DA, Neilson EG, Miller RA. Interventions to Regulate Ordering of Serum Magnesium Levels: an unintended consequence of decision support. *J Am Med Inform Assoc*; 2005;12(5):546-53.
13. Jirjis J, Weiss JB, Giuse D, **Rosenbloom ST**. A Framework for Clinical Communication Supporting Healthcare Delivery. *Proceedings of the AMIA Annual Symposium*. 2005;:375-9.
14. Denny DC, Spickard A III, Miller RA, Schildcrout J, Darbar D, **Rosenbloom ST**, Peterson JF. Evaluating UMLS Mapping of ECG impressions with KnowledgeMap. *Proceedings of the AMIA Annual Symposium*. 2005;:196-200.
15. Miller RA, Waitman LR, Chen S, **Rosenbloom ST**. The anatomy of decision support during Care Provider Order Entry (CPOE): empirical observations from a decade of CPOE experience at Vanderbilt. *Journal of Biomedical Informatics*. 2005 Dec;38(6):469-85.
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17. Riddle WR, Qi XF, Giuse D, DonLevy SC, **Rosenbloom ST**. Equations to Support Predictive Automated Postnatal Growth Curves for Premature Infants. *Journal of Perinatology*. 2006 Jun;26(6):354-8.
18. **Rosenbloom ST**, Qi XF, Riddle WR, Russell W, DonLevey SC, Giuse D, Sedman AB, Spooner SA. Implementing Pediatric Growth Charts via an Electronic Health Record System. *J Am Med Inform Assoc*. 2006 May-Jun;13(3):302-8.
19. **Rosenbloom ST**, Miller RA, Johnson KB, Elkin PL, Brown SH. Interface Terminologies: facilitating direct entry of clinical data into electronic health record systems. *J Am Med Inform Assoc*. 2006 May-Jun;13(3):277-88. Epub 2006 Feb 24. PMID: 16501181.
20. Carter JS, Brown SH, Bauer BA, Elkin PL, Erlbaum MS, Froehling DA, Lincoln MJ, **Rosenbloom ST**, Wahner-Roedler D, Tuttle MS. Categorical Information in Pharmaceutical Terminologies. *Proceedings of the AMIA Annual Symposium*. 2006:116-20.
21. Brown SH, Elkin PL, Bauer BA, Wahner-Roedler D, Husser CS, Temesgen Z, Hardenbrook SP, **Rosenbloom ST**. SNOMED CT: Utility for a General Medical Evaluation Template. *Proceedings of the AMIA Annual Symposium*. 2006:101-5.
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24. **Rosenbloom ST**, Crowe AN, Blackford JU, Johnson KB. Factors Influencing Perceptions of Clinical Documentation Tools. *Journal of Biomedical Informatics*. 2007 (40) 106-113.

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27. Jerome RN, Giuse BN, **Rosenbloom ST**, Arbogast PG. Exploring clinician adoption of a novel evidence request feature in an electronic medical record system. *Journal of the Medical Library Association*. 2008 January; 96(1): 34–41.
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29. Dexheimer JW, Sanders DL, **Rosenbloom ST**, Talbot TR, Aronsky D. Prompting Clinicians: A Systematic Review of Preventive Care Reminders. *J Am Med Inform Assoc*. 2008 May-Jun;15(3):311-20.
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