

Curriculum Vitae

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

Office Address:

Vanderbilt University Medical Center
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Nashville, TN 37232-8340
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Office Fax Number: (615) 936-5900
Email: trent.rosenbloom@vanderbilt.edu
Date and Place of Birth: February 17, 1970, Nashville, Tennessee

Home Address: 155 Carnavon Parkway, Nashville, Tennessee 37205

Home Phone Number: (615) 356-7277

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 Patient Engagement, 12/2012 – present
- Vanderbilt University Medical Center Co-Chair of My Health at Vanderbilt, 12/2012 – present
- Vice Chair of Faculty Affairs, Department of Biomedical Informatics, Vanderbilt University Medical Center, 1/2013 – 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 Interim Director of Patient Engagement, 9/2012 – 11/2012
- Vanderbilt University Medical Center Interim Co-Chair of My Health at Vanderbilt, 9/2012 – 11/2012

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.
- Instructor, Departments of Internal Medicine and Pediatrics, Vanderbilt University Medical Center, Nashville, TN, 7/2002 – 6/2004.
- Courtesy Physician, Internal Medicine and Pediatrics, Nashville General Hospital at Meharry,

Nashville, TN, 6/2003 – 1/2009.

- Assistant Professor, Departments of Internal Medicine and Pediatrics, Vanderbilt University Medical Center, Nashville, TN, 7/2004 – present.
- Medical Director, University Community Health Services, 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 – present
- American College of Physicians, Member, 7/2003 – present
- American Academy of Pediatrics, Member, 7/2004 – 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 School of Medicine Shade Tree Clinic, Clinical Care Leader, 6/2010 – present
- Vanderbilt Biomedical Informatics Curriculum Committee 7/2011 – present
- Vanderbilt School of Medicine Executive Admissions Committee, 8/2012 – present
- Vanderbilt University Medical Center My Health At Vanderbilt Steering Committee, 8/2012 – present
- Vanderbilt Affiliated Faculty of the Center for Biomedical Ethics and Society, 12/2012 – 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 5th 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 Admissions Review Committee, 12/2011 – 4/2012

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 – present QUILL Structured Documentation System, Content and Knowledge Base developer, Managed by Ed Shultz, MD
- 5/2004 – present Computerized Pediatric Growth Charts project, Coordinator

3/2009 – present Terminology services and problem statement, Coordinator
7/2011 – present ICD – 10 Terminology Architecture and Integration, Terminology Lead

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 Panel 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

OTHER PROFESSIONAL ACTIVITIES:

National Committees:

2004 – 2012 Health Level 7, Pediatric Data Special Interest Group
2005 – present American Academy of Pediatrics, Committee on Clinical Information Technology
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 – present 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

Manuscript Peer Review:

2002 – present Journal of the American Medical Informatics Association
2003 – present Proceedings of the American Medical Informatics Association
2004 BMC Emergency Medicine
2004 – present International Journal Artificial Intelligence in Medicine
2005 International Journal for Quality in Health Care
2006 Ambulatory Pediatrics
2007 – present Archives of Pediatrics and Adolescent Medicine
2008 – present Journal of General Internal Medicine
2008 – present Journal of Biomedical Informatics
2010 – present Pediatrics
2010 – present Applied Clinical Informatics
2010 Journal of Biomedical Semantics

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 – present Victory Health Plan, Medical Advisory Committee
10/2003 – 1/2004 Consultant for Apelon, 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

Teaching Activities:

Medical School Courses:

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

Graduate School Courses:

- Vanderbilt BMIF 370 - Evaluation Methods course, special lecture on Comparative Effectiveness Research methods, Fall 2010 – present
- Vanderbilt BMIF 316 - Scientific Communication, co-instructor, 2010 – present
- Vanderbilt BMIF 300 - Foundations of Biomedical Informatics and Evidence-Based Practice Lectures, “Clinical Terminologies” and “Clinical Documentation”, 10/2002 – 2005, 2011
- Vanderbilt N303 - Health Care Delivery Systems, “Electronic Health Record Systems: a survey of the issues”, 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 DBMI Seminar series, “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.

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.

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”, 2/14/2012, lecturer.
- American Medical Informatics Association Evaluation Working Group Webinar, virtual location, “Part 2: Computerized Provider Documentation: Evaluating Implications for Healthcare Practice, Quality, and Research”, 4/17/2012, lecturer.

Clinical Teaching:

- Precepting Physician, Vine Hill Community Clinic, University Community Health Services, Nashville, TN, 11/2000 – present.
- Attending Physician, Internal Medicine, Nashville Veteran’s Administration Hospital, Tennessee Valley Healthcare System, 11/2000 – 6/2002, one month per year.
- Precepting Physician, Shade Tree Clinic, 2-4 evening per semester, 6/2007 – present.

Research Supervision

2003 – 2005	John Belletti – Vanderbilt University Medical School Introduction to Biomedical Research preceptor, Medical Student
2004 – 2006	Sutin Chen – Vanderbilt University Medical School Introduction, Emphasis Program, Medical Student, 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
2005 – 2007	David Leiman – Vanderbilt University Medical School Introduction, Emphasis Program, Medical Student, awarded top abstract in emphasis area
2007 – 2007	Laveil Allen – Meharry Medical School Summer Research, Medical Student
2007 – 2009	Art Sedykh – Vanderbilt University Medical School Introduction, Emphasis Program, Medical Student, 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
Spring Semester 2008	Diane Montella – Vanderbilt University Medical School, Department of Biomedical Informatics Research Rotation, Postdoctoral Masters
2009 – 2011	Shane Stenner – Vanderbilt University Medical School, Department of Biomedical Informatics, Post-Doc Masters thesis committee
2009 – 2011	Jaycelyn Holland – Vanderbilt University Medical School Introduction, Emphasis Program, Medical Student
2009 – 2011	Stephanie Hsu – Vanderbilt University Medical School Introduction, Emphasis Program, Medical Student
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 Semester 2010	Naqi Khan – Vanderbilt University Medical School, Department of Biomedical Informatics Research Rotation, Postdoctoral Masters
2011 – 2012	Naqi Khan – Vanderbilt University Medical School, Department of Biomedical Informatics, Masters thesis committee, chair
2011 – present	Robert Turer – Vanderbilt University Medical School Introduction, Emphasis Program, Medical Student,
2011 – present	Ellen Yan – Vanderbilt University Medical School, Department of Biomedical Informatics, Masters thesis committee, chair
Fall Semester 2012	Lina Suleiman – Vanderbilt University Medical School, Department of Biomedical Informatics Research Rotation, Masters
2013 – present	Dong Wang – Vanderbilt University Medical School, Department of Biomedical Informatics, Doctoral thesis committee, chair

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 – present 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

Research Program:

Extramural Research Support (Current):

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: 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: 5% Years 1-4

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: Nurse Education, Practice, Quality, and Retention - Interprofessional Collaborative Practice
Grant Number: UD7HP25064
Grant Source: Health Resources and Services Administration
Principal Investigator: PILON, BONITA A
Role: Co-Investigator
Project Period: 09/1/2012 - 06/30/2015
Salary support - 10% years 1-3

Extramural Research Support (Pending):

none

Extramural and Intramural Research Support (Past):

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., Ph.D.

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

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%

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: **ROSENBLUM, 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

PUBLICATIONS AND PRESENTATIONS:

Refereed Journals (Peer Reviewed Papers):

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. Journal of the American Medical Informatics Association. 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. Journal of the American Medical Informatics Association, 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; 10(16) 2004.
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. Journal of the American Medical Informatics Association. 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. Journal of the American Medical Informatics Association; 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.
16. Elkin PL, Brown SH, Husser C, Bauer BA, Wahner-Roedler D, **Rosenbloom ST**, Speroff T. An Evaluation of the Content Coverage of SNOMED-CT for Clinical Problem Lists. *Mayo Clinic Proceedings*. 2006 Jun;81(6):741-8.
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. *Journal of the American Medical Informatics Association*. 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. *Journal of the American Medical Informatics Association*. 2006 May-Jun;13(3):277-88.
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.
22. Riddle WR, DonLevy SC, LaFleur BJ, **Rosenbloom ST**, Shenai JP. Equations Describing Percentiles For Birth Weight, Head Circumference, and Length of Preterm Infants. *Journal of Perinatology*. 2006 Sep;26(9):556-61.
23. **Rosenbloom ST**, Elkin PL, Bajzer L, Carter JS, Wahner-Roedler D, Bauer BA, Temesgen Z, Brown SH. Modeling Structural Evolution in a Reference Terminology. *Proceedings of the Journal of Medical Internet Research* 2006.
24. **Rosenbloom ST**, Crowe AN, Blackford JU, Johnson KB. Factors Influencing Perceptions of Clinical Documentation Tools. *Journal of Biomedical Informatics*. 2007 (40) 106-113.
25. Elkin P, Bauer B, Wahner-Roedler D, **Rosenbloom ST**, Bailey K, Froehling D, Brown S. *Equus Communis Sententia*: Defining Levels of Interoperability. *Studies in Health Technology and Informatics*. 2007;129(Pt 1):725-9.
26. Brown SH, Elkin PL, Bauer BA, Whaner-Roedler DL, Froehling DA, Hardenbrook SP, Montella D, Fielstein EM, **Rosenbloom ST**. A Comparison of MEDCIN® and SNOMED CT® for a General Medical Evaluation Template. *Proceedings of the AMIA Annual Symposium 2007*. October; 11:75-9.
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.

28. **Rosenbloom ST**, Miller RA, Johnson KB, Elkin PE, Brown SH. A Model for Evaluating Interface Terminologies. *Journal of the American Medical Informatics Association*. 2008 Jan-Feb;15(1):65-76.
29. Dexheimer JW, Sanders DL, **Rosenbloom ST**, Talbot TR, Aronsky D. Prompting Clinicians: A Systematic Review of Preventive Care Reminders. *Journal of the American Medical Informatics Association* 2008 May-Jun;15(3):311-20.
30. Elkin PL, Brown SH, Balas SA, Temedgen Z, Wahner-Roedler DL, Froehling DA, Liebow M, Bauer BA, **Rosenbloom ST**, Poland G. Biosurveillance Evaluation of SNOMED CT's Terminology (BEST Trial): Coverage of Chief Complaints. *Studies in Health Technology and Informatics*. 2008;136:797-802.
31. Kuhl J, Spooner SA, **Rosenbloom ST**. Impacting Pediatric Quality Improvement with Data Standards. *Journal for Healthcare Quality*, 2008 May/June.
32. Leiman DA, Lorenzi NM, Wyatt JC, Doney ASF, **Rosenbloom ST**. US and Scottish Health Professionals' Attitudes toward DNA Biobanking. *Journal of the American Medical Informatics Association*, 2008 May-Jun;15(3):357-62.
33. Elkin PL, Froehling D, Wahner-Roedler D, Trusko B, Welsh G, Ma H, Asatryan AX, Tokars JI, **Rosenbloom ST**. NLP-based Identification of Pneumonia Cases from Free-Text Radiological Reports. *Proceedings of the AMIA Annual Symposium*. 2008 Nov 6:172-6.
34. Brown SH, Elkin PL, **Rosenbloom ST**, Fielstein E, Speroff T. eQuality for All: Extending Automated Quality Measurement of Free Text Clinical Narratives. *Proceedings of the AMIA Annual Symposium*. 2008 Nov 6:71-5.
35. Wade G, **Rosenbloom ST**. Challenges with Implementing SNOMED CT: The Impact of SNOMED CT Revisions on a Mapped Interface Terminology. *BMC Medical Informatics Decision Making*. 2008 Oct 27;8 Suppl 1:S3.
36. Johnson KB, Chark D, Chen Q, Broussard A, **Rosenbloom ST**. Performing without a Net: Transitioning Away From a Health Information Technology Rich Training Environment. *Academic Medicine*. 2008 Dec;83(12):1179-86.
37. **Rosenbloom ST**, Brown SH, Froehling DA, Bauer BA, Wahner-Roedler DL, Gregg WM, Elkin PL. Using SNOMED CT to Represent Two Interface Terminologies. *Journal of the American Medical Informatics Association*. 2009 Jan-Feb;16(1):81-8.
38. Wade, G. **Rosenbloom, ST**. The impact of SNOMED CT revisions on a mapped interface terminology: Terminology development and implementation issues. *Journal of Biomedical Informatics*. 2009 Jun;42(3):490-3.
39. Salomon RS, Blackford JU, **Rosenbloom ST**, Seidel S, Wright-Clayton E, Dilts DM, FINDER SG. Openness of Patients' Reporting with use of Electronic Records: Psychiatric Clinicians' Views. *Journal of the American Medical Informatics Association*. 2010 Jan-Feb;17(1):54-60.

40. Elkin PL, Froehling D, Wahner-Roedler D, Trusko B, Welsh G, **Rosenbloom ST**, Speroff T, Brownn SH. The Health Archetype Language (HAL-42): Interface Considerations. *International Journal of Medical Informatics*. 2010 Apr;79(4):e71-5.
41. **Rosenbloom ST**, Stead WW, Giuse D, Lorenzi NM, Brown SH, Johnson KB. Generating Clinical Notes for Electronic Health Record Systems. *Applied Clinical Informatics* 2010; July;1: 232–243.
42. **Rosenbloom ST**, McGregor TL, Chen Q, An AQ, Hsu S, Dupont WD. Specialized Pediatric Growth Charts For Electronic Health Record Systems: the example of Down syndrome. *AMIA Annu Symp Proc*. 2010 Nov 13;2010:687-91.
43. Trusko B, **Rosenbloom ST**, Montella D, Jackson JC, Fitzhenry F, Brown SH, Elkin PL, Fielstein E, Kotter K, Tuttle M, Iannelli RJ, Speroff T. Are Posttraumatic Stress Disorder Mental Health Terms Found in SNOMED-CT Medical Terminology? *Journal of Traumatic Stress* 2010; November. DOI: 10.1002/jts.20591.
44. **Rosenbloom ST**, Denny JC, Xu H, Lorenzi N, Stead WW, Johnson, KB. Data From Clinical Notes: a perspective on the tension between structure and flexible documentation. *Journal of the American Medical Informatics Association* 2011 Mar 1;18(2):181-6. Epub 2011 Jan 12.
45. Jiang M, Chen Y, Liu M, **Rosenbloom ST**, Mani S, DennyJC, Xu H. A Study of Machine Learning based Approaches to Extract Clinical Entities and their Assertions from Discharge Summaries. *Journal of the American Medical Informatics Association*. Epub 2011 Apr 20.
46. Osborn CT, **Rosenbloom ST**, Stenner S, Anders S, Muse S, Johnson KB, Jirjis J, Purcell Jackson G. MyHealthAtVanderbilt: Policies and Procedures Governing Patient Portal Functionality. *J Am Med Inform Assoc*. 2011 Jul 31.
47. Montella D, Brown SH, Elkin PL, Jackson JC, **Rosenbloom ST**, Wahner-Roedler D, Welsh G, Cotton B, Guillamondegui OD, Lew H, Taber-Maeir K, Tupler L, Vanderploeg R, Speroff T. Comparison of SNOMED CT versus Medcin Terminology Concept Coverage for Mild Traumatic Brain Injury in Veterans. *Proceedings of the AMIA Annual Symposium*. 2011 Nov.
48. Wu Y, **Rosenbloom ST**, Denny JC, Miller RA, Mani S, Giuse D. Detecting Abbreviations in Discharge Summaries using Machine Learning Methods. *Proceedings of the AMIA Annual Symposium*. 2011 Nov.
49. Fung KW, Xu J, **Rosenbloom ST**, Mohr D, Maram N. Testing Three Problem List Terminologies in a Simulated Data Entry Environment. *Proceedings of the AMIA Annual Symposium*. 2011 Nov.
50. **Rosenbloom ST**, Daniels TL, Talbot TR, McClain T, Hennes R, Stenner S, Purcell Jackson G, Jirjis J. Triaging Patients at Risk of Influenza Using a Patient Portal. *J Am Med Inform Assoc*. 2012 Jul 1;19(4):549-54. Epub 2011 Dec 1.
51. Brown SH, **Rosenbloom ST**, Hardenbrook S, Clark T, McBrine C, Fielstein E, Elkin PL, Speroff T. Documentation Quality and Time Costs: a Randomized Controlled Trial of Structured Entry versus Dictation. *ACM Journal of Data and Information Quality* Volume 3 Issue 1, April 2012.

52. **Rosenbloom ST**, Butler MG. Development and implementation of electronic growth charts for infants with Prader-Willi syndrome. *Am J Med Genet A*. 2012 Nov;158A(11):2743-9. doi: 10.1002/ajmg.a.35581. Epub 2012 Aug 17.
53. Wu Y, Denny JC, **Rosenbloom ST**, Miller RA, Giuse DA, Xu H. A comparative study of current clinical natural language processing systems on handling abbreviations in discharge summaries. *AMIA Annu Symp Proc*. 2012;2012:997-1003. Epub 2012 Nov 3. PMID: 23304375
54. Cusack CM, Hripcsak G, Bloomrosen M, **Rosenbloom ST**, Weaver CA, Wright A, Vawdrey DK, Walker J, Mamykina L. The future state of clinical data capture and documentation: a report from AMIA's 2011 Policy Meeting. *J Am Med Inform Assoc*. 2013 Jan 1;20(1):134-40. doi: 10.1136/amiajnl-2012-001093. Epub 2012 Sep 8.
55. Sun S, Zhou X, Denny JC, **Rosenbloom ST**, Xu H. (2013). Messaging to Your Doctors: Understanding Patient-Provider Communications via a Portal System. In: *Proceedings of ACM Conference on Human Factors in Computer Systems (SIG'CHI 2013)*, Paris, France: ACM Press (in-press).
56. Middleton B, Bloomrosen M, Dente MA, Hashmat B, Koppel R, Overhage JM, Payne TH, **Rosenbloom ST**, Weaver C, Zhang J. Enhancing patient safety and quality of care by improving the usability of electronic health record systems: recommendations from AMIA. *J Am Med Inform Assoc*. 2013 Jan 25. PMID: 23355463.
57. **Rosenbloom ST**, Miller RA, Adams P, Madani S, Khan N, Shultz EK. Implementing an Interface Terminology for Structured Clinical Documentation. *J Am Med Inform Assoc*. 2013 Feb 5. PMID: 23384817
58. Kuperman GJ, **Rosenbloom ST**, Stetson PD. AMIA Board of Directors response to Simborg perspective. *J Am Med Inform Assoc*. 2013 Feb 11. PMID: 23399874.

Invited Papers:

1. Grisso AG, Wright L, **Rosenbloom ST**. Expansion of Pharmacokinetic Services through the Electronic Health Record using CPOE and Computerized Note Capture Tools. *Hosp. Pharm*. 2004. 9:1-4.
2. **Rosenbloom ST**, Elkin PL, Brown SH. Interface Terminologies: Role, Function and Evaluation. *Proceedings of AHIMA 2008*.

Submitted for Peer Review:

1. Hodapp R, Urbano R, **Rosenbloom ST**. Down syndrome and Adverse Birth Outcomes: Findings from a population-based study.
2. **Rosenbloom ST**, Tuttle M, Pittelkow MR, Chalmers R, Trusko B, Temesgeen Z, Wahner-Roedler DL, Froehlin D, Brown SH, Elkin PL. Auditing Ontology Structure using Conceptual-Distance Based Graphs.

3. **Rosenbloom ST**, Edmonds J, Brown SH, Elkin PL. A Philosophical Role for Context in Biomedical Ontologies.
4. Sun S, Zhou X, Denny JC, **Rosenbloom ST**, Xu H. Understanding Patient-Provider Communication Entered Via a Patient Portal System.
5. Gadd CS, Ho YX, Kohorst KL, **Rosenbloom ST**. A Qualitative Analysis Evaluating The Purposes And Practices Of Clinical Documentation.
6. Holt JA, Shultz EK, **Rosenbloom ST**. Relating ICD9 and ICD10 using a lowest common ancestor.
7. McDougald Scott AM, Jackson GP, Ho YX, Yan Z, Davison C, **Rosenbloom ST**. Adapting Comparative Effectiveness Research for Delivery to Patients and Providers through a Patient Portal.
8. Turer RW, Zuckowsky TD, Causey HJ, **Rosenbloom ST**. ICD-10-CM Crosswalks in the Primary Care Setting: Assessing Reliability of the GEMs and Reimbursement Mappings.
9. **Rosenbloom ST**, Madison JL, Brothers KB, Bowton EA, Clayron EW, Malin BA, Roden DM, Pulley J. Studying Patients Who Opt Out of Large-Scale Biorepository Research.

Book Chapters:

1. James R. Knight, Stephen K. Huffines, **S. Trent Rosenbloom**. Electronic Data Management: Electronic Health Record Systems and Computerized Provider Order Entry Systems, pp 365-381. In Thomas H. Brown (ed), Handbook of Institutional Pharmacy Practice (4th edition). ASHP Publications Production Center, 2006. Reprinted as David A. Holdford, Stephen K. Huffines, and S. Trent Rosenbloom. Electronic Data Management: Electronic Health Record Systems and Computerized Provider Order Entry Systems, pp 159-177. In David A. Holdford and Thomas R. Brown (eds), Introduction to Hospital & Health System Pharmacy Practice. ASHP Publications Production Center, 2010.
2. Kevin B. Johnson, **S. Trent Rosenbloom**. Computer-based Documentation: Past, Present and Future. In Harold P. Lehmann, Patricia A. Abbott, Nancy K. Roderer, Adam Rothschild, Steven F. Mandell, Jorge A., Ferrer, Robert E. Miller (eds), Aspects of Electronic Health Record-Systems (2nd edition). Springer, 2006, pp.309-328.
3. Randolph A. Miller, L. Russell Waitman, Sutin Chen, **S. Trent Rosenbloom**. Decision Support During Inpatient Care Provider Order Entry: The Vanderbilt Experience. In Eta S. Berner (ed), Clinical Decision Support Systems (2nd edition). Springer, 2006, pp. 215-248.
4. George Kim, **S. Trent Rosenbloom**. The Case for a Pediatric Terminology. In Chris Lehmann, George Kim, Kevin B Johnson, Pediatric Informatics, 2009.
5. **S. Trent Rosenbloom**, Joh Kuhl. Developing Pediatric Data Standards. In Chris Lehmann, George Kim, Kevin B Johnson, Pediatric Informatics, 2009.
6. **S. Trent Rosenbloom**. Interface Terminologies. In Peter L. Elkin, Terminology and Terminological Standards. Springer, 2012, pp 95-106.

Letters, Abstracts, Posters and Non-Peer Reviewed Papers:

1. **Rosenbloom ST**. John the Baptist's Theology and its Qumran Origins: An Analysis of the Relationship between John the Baptist and the Essene Sect at Qumran. 1992, unpublished. Preceptor: Paul V.M. Flesher, Ph.D. Department of the History and Literature of Religions Northwestern University College of Arts and Sciences.
2. Fitzhenry F, Kiepek W, Kendall P, **Rosenbloom ST**, Shultz E. Determining Physician Level of Service with SNOMED RT. Proc. AMIA Symp. 2001, poster presentation.
3. **Rosenbloom ST**, Talbert D, Aronsky D. Integrating Decision Support into Computerized Physician Order Entry. Proc. AMIA Symp. 2001, poster presentation.
4. Hulgan TM, **Rosenbloom ST**, Hargrove F, Johnston P, Miller R, Kernodle DS. Effect of a Computerized Intervention on Anti-Pseudomonal Cephalosporin Prescribing. Proc IDSA. 2002, abstract.
5. Hulgan TM, Hargrove F, Talbert D, **Rosenbloom, ST**. A Decision Support System to Promote Oral Antibiotic Dosing. Proc. AMIA Symp. 2002, poster presentation.
6. **Rosenbloom ST**, Grande J. Integrating Medical Documentation into Provider Order Entry. Proc. AMIA Symp. 2002, poster presentation.
7. **Rosenbloom ST**, Miller, RA. Surveying Housestaff Opinions Regarding Clinical Decision Support. AMIA Symp. 2002, poster presentation.
8. **Rosenbloom ST**, Talbert D, Aronsky D. Predicting Outcomes of Testing for Decision Support Algorithms. Proc. AMIA Symp. 2002, poster presentation.
9. Jerome RN, Giuse NB, **Rosenbloom ST**. An Analysis Of The Importance Of Subject And Biostatistics Knowledge Base Into Final Determination Of Article Relevance. Medical Library Association Annual Meeting, 2003, abstract.
10. Hoot N, Weiss J, Giuse D, Jirjis J, Peterson J, Lorenzi N, **Rosenbloom ST**. Integrating Communication Tools into an Electronic Health Record. Medinfo 2004, poster presentation.
11. Jerome RN, **Rosenbloom ST**, Giuse NB. Knowledge among health care professionals of evidence-based answers to complex clinical questions. Medical Library Association Annual Meeting, Washington DC, May 24, 2004, abstract.
12. **Rosenbloom ST**, Hulgan T, Chaiken BP, Aronsky A, Kernodle DS, Hargrove F, Arbogast P. Changing Clinical Practice through Provider Order Entry. Proc HIMSS. 2004: http://www.himss.org/content/files/2004proceedings/sessions/case_E003.pdf.
13. **Rosenbloom ST**, Qi XF, Giuse D, DonLevey SC, Riddle WR. Predictive Growth Charts for Premature Infants. Proc AAP, 2005.

14. **Rosenbloom ST**, Harrell FE Jr, Lehmann CU, Schneider JH, Spooner SA, Johnson KB. Perceived increase in mortality after process and policy changes implemented with computerized physician order entry. *Pediatrics*. 2006 Apr;117(4):1452-5.
15. Rocca MA, **Rosenbloom ST**, Spooner A, Nordenberg D. Development of a domain model for the pediatric growth charting process by mapping to the HL7 Reference Information Model. *Proc AMIA 2006*: 1077.
16. Porcelli PJ, **Rosenbloom ST**. Evaluation of a Neonatal Growth Curve Designed for an Electronic Health Record. *Proc. AMIA 2006*: 1066.
17. Classen DC, Kuhl J, **Rosenbloom ST**, Spooner A. Alliance for Pediatric Quality White Paper: Impacting Pediatric Quality Improvement through Data Standards. 2007: <http://dev.kidsquality.org/download.aspx?t=d&id=12>.
18. **Rosenbloom ST**, Fitzhenry F, Fielstein E, Speroff T, Elkin PL, Trusko BE, Brown SH, Dittus R, Matheny ME. Improving Biosurveillance Using Full-Text Clinical Note Processing. Centers for Disease Control and Prevention, Public Health Information Network Conference, Atlanta GA, September 2009.
19. **Rosenbloom ST**, Weinger MB, Slagle J, Gadd C, Ho YX, Chen Q, Blakemore D, Petrusa E, Rawn L, Johnson KB. Using Clinical Simulation to Evaluate the Usability and Efficacy of Clinical Documentation Methods. Accepted, International Medical Informatics Association: Human Factors Engineering in Health Informatics Symposium, 2009.
20. **Rosenbloom ST**, Ho YX, Gadd CS. The Role of Narrative Expressivity in Physician Clinical Documentation. *Proc. AMIA 2010*.
21. **Rosenbloom ST**. Medical advances, EHRs Prompt Revision of Down Syndrome Growth Charts. *AAP News*. 2011 Feb;32(2):24.
22. Osborn CY, Idowu RT, Han X, Chen Q, **Rosenbloom ST**, Purcell Jackson G. Disparities in Access to Care over Three Years: Patient Portal Usage versus Outpatient Care. 2012 Summit on the Science of Eliminating Health Disparities, National Harbor, MD.