TIMOTHY E. BURDICK MD MBA MSc FAAFP
teburdick@gmail.com   mobile: 802-272-5931

PROFESSIONAL EXPERIENCE

Dartmouth Health, Lebanon, NH (8/2016 – present)

Department of Community and Family Medicine

- **Vice Chair for Research (1/2022 – present)**
  - Director of Research, Heater Road Primary Care (4/2020 – present)
  - Director of Informatics, NNE CO-OP Practice & Community Based Research Network (10/2022 – present)
  - Co-Director, Primary Care Clinical Research Fellowship (NIH T32 Grant) (2017 – 2018)

  Mentor early-career primary care researchers (MD, DNP, PhD) in Burbank Awards and T32 Fellowship
  Co-manage the medical student Primary Care Research Interest Group
  Develop program to promote clinical research in Heater Road clinic
  Facilitate development of IRB protocols, grant submissions, data management, publications
  Assist researchers from across DH with recruitment of patients and PCPs from primary care sites
  - Committees:
    - DH Vice Chairs for Research
    - Dartmouth Cotton Cancer Institute Primary Care Advisory Committee
    - NNE CO-OP Research Advisory Group
    - ADFM Vice Chairs for Research Working Group

- **Family Physician (8/2016 – present)**
  - Provide clinical services as part of a primary care team, including walk-in clinic
  - co-Medical Director, Lebanon Mobile Health/Community Paramedicine Program (8/2020 – 4/2022)
  - Teach MS3 students on family medicine clerkship rotations
  - Assist Medical Director and Practice Manager with quality improvement projects for transitional care management, provider EHR efficiency, professional coding, scribes, and other priority initiatives

- **DH COVID Response Team (March 2020 – Jan 2022):**
  - Quality Improvement/Lean advisor, Primary Care COVID transition team (March 2020)
  - Medical Director, DH Alternate Care Site mass care facility (May 2020)
  - COVID Hospitalist, DHMC In Patient Surge Team (Dec 2021 – Jan 2022)

Office of Research Operations

- **Associate Chief Research Officer for Informatics (10/2022 – present)**
- Physician Lead – Research Informatics (1/2022 – 9/2022)
  - Direct report to Chief Research Officer (DHH)/Associate Dean for Clinical Research (Geisel SOM)
  - Member of DH Office of Research Operations leadership team
  - Lead research informatics projects at DH on behalf of Office of Research Operations
  - Technical sponsor for research informatics platforms: eReg, EDC, Oncore CTMS
  - Coordinate with Dartmouth College Research Computing, Libraries, and Office of Sponsored Projects
  - Develop health informatics components of institutional grant applications including COBRE (NOA 1/2023), CTSA (submitted 1/2023)
  - Committees
    - Health Advisory Group for Research Informatics at Dartmouth (Chair)
    - Research Informatics Group (Chair)
    - Dartmouth Cancer Center Data Committee
    - Information Systems Acquisition Committee

Primary Care Service Line
- **Associate Medical Director, Manchester Division (8/2016 – 8/2018)**
    - Direct report to Division Medical Director D-HH Manchester
    - Member of DH Community Group Practice Senior Leadership team
    - Led the Manchester Primary Care Section, largest ambulatory section in DH system:
    - FY2017: 154,718 visits; 37 providers, $24MM revenue, $1.2MM margin
    - Family Medicine, Internal Medicine, Med-Peds, Urgent Care
    - 100% of eligible providers achieved 2016 Meaningful Use payments
    - Assist Division Medical Director overseeing multispecialty clinical operations:
    - FY2016: 247,873 visits; 163 providers in 20+ specialties; $94MM revenue; $5MM margin
    - Committees:
        - Primary Care – ACO Operations Committee
        - Primary Care Service Line Medical Directors
        - Manchester Division Quality Assurance/Quality Improvement Committee
        - Manchester Clinical Leadership Committee
        - Manchester Emergency Management Team
    - Sponsor Quality Improvement projects
        - Antibiotic Stewardship for URI and UTI project received awards at DH and NH State QI events
        - Co-led development of provider balanced scorecards with run charts for key metrics

- **Leader, Primary Care Service Line Implementation Support Team** (12/2016 – 8/2017)
    - Responsible for designing, implementing, and sustaining strategic improvements across the Service Line, including 4 regional Divisions, 10 clinical locations, >100 primary care providers
    - Partnered with Population Health ACO Team and Analytics Institute on value-based payment initiatives
    - Helped select team members, write Team Charter, initiate team processes:
    - Project management, business plan and ROI, Lean/Six Sigma, Microsystems, Epic tool design, project
    - dashboards, communications, training, online Learning Collaborative
    - Partnered with The Dartmouth Institute to leverage grant-funded subject matter experts
    - Transitional Care Management (TCM) Project:
        - Introduced standard post-hospital discharge work for Care Coordinators across the Service Line
        - Tripled use of TCM billing codes, adding > $240,000/year new revenue to Primary Care
        - Project reached full ROI in less than 1 year, 5-year ROI ~$900,000
        - Reduced readmissions by 58% among 2,200 ACO members
        - Published findings in *Journal of the American Board of Family Medicine* (12/2021)

Geisel School of Medicine, Dartmouth College, Hanover, NH (12/2016 – present)
Faculty
- Associate Professor, Biomedical Data Science (2022 – present)
- Associate Professor, Community and Family Medicine (2021 – present)
- Associate Professor, The Dartmouth Institute for Health Policy and Clinical Practice (2021 – present)
- Assistant Professor, Community and Family Medicine (2016 – 2021)
- Assistant Professor, Biomedical Data Science (2017 – 2018)
- SYNERGY CTSA – Manchester Clinical Trials Unit Advisory Committee (2016 – 2018)
- Teaching
    - MPH: Statistical Measurement & Analysis in Healthcare Quality Improvement (Course co-director W23, W22, W21, W20)
    - Leadership & Preventative Medicine Residency: quality improvement advisor (1/2022 – 12/2022)
    - Guest lecturer in Computer Science; Biomedical Data Science; and Wilderness Medicine Fellowship

Oregon Health & Sciences University, Portland, OR (5/2013 – 7/2016)
Oregon Clinical and Translational Science Institute
- **Chief Clinical Research Informatics Officer (2/2015 – 7/2016)**
  - Physician Executive responsible for strategic planning and operational support of clinical research informatics, using continuous quality improvement and process and outcomes metrics
  - Dual reporting to VP for Research and Director of OHSU CTSA
  - OHSU Research $355M in external funding from 1,150 researchers on 2,980 projects (2014)
  - Developed governance, processes, and tools for use of EHR portal to recruit patients to clinical trials through queries of research database of problem list ICD-10 codes leading to peer-review publication
  - Assisted with developing OHSU's successful CTSA renewal
  - Managed 4 teams, total 33 staff, with $3+ million annual budget; CTSA data warehouse executive director
  - Co-leader: OHSU Informatics Governance Group with CMIO, CIO, CCIO producing $120M/5-year strategic plan
  - Committees
    - **Chair**, Epic for Research Steering Committee:
      - Research orders computerized order entry project with estimated 5-year ROI of $380k;
      - Patient portal for research recruitment: improved efficiency ~400%; lowered cost ~70%;
    - **Chair**, Clinical Trials Management System Leadership Committee
      - Executive Sponsor for $3M/2-year project to replace clinical trials management system
      - Led change management of user support team and processes
    - Knight Cancer Institute Data Science
    - Translational Research Informatics ($100M/5-year data science initiative)
    - Melanoma Value Stream Mapping Steering Committee
    - OHSU IT Group
    - Clinical Informatics Project Committee
    - MyChart Committee
    - Business Intelligence Committee/BI Strategic Planning Committee
    - Infrastructure Committee
    - Security and Privacy Committee
    - Clinical Research Leadership Group
    - Clinical Research Integration and Improvement Committee
    - Data Sharing Review Committee

- **Adjunct Instructor, Division of Management**
  - Co-teach Health Information Technology for Managers, Healthcare MBA program (Fall 2021)

- **Assistant Professor, Department of Medical Informatics and Clinical Epidemiology** (2015 – 2016)
  - Course Director: Clinical Research Informatics (Fall 2015)
  - Clinical Informatics Fellowship faculty
  - Designed and led 2 Fellows through 1-month rotation in Clinical Research Informatics resulting in fellow co-authoring poster at national presentation.
  - Clinical Research Informatics elective: Nicholas Riley MD PhD (UVM Family Medicine Residency)
  - Capstone advisor: Kate Fultz-Hollis, Master's Biomedical Informatics candidate
  - Advisor, 1st Place 2016 National Student Design Challenge, American Medical Informatics Association

- **Assistant Professor, Department of Family Medicine (2013 – 2016)**
  - Patient care and resident precepting in RHC in Scappoose (2013 – 2015); and Portland (2015 – 2016)
  - Led improvement project increasing patient portal activation rates from 30% to 45%.
  - Site PI for colorectal cancer screening research project.

OCHIN, Inc, Portland, OR (2/2013 – 3/2015)
Chief Medical Informatics Officer
- Physician Executive in health IT and quality improvement non-profit with 230 employees, $28M revenue
- Led clinical change management for world's largest ambulatory-only Epic EHR: 400+ clinics; 4,000+ providers;
- Provided FQHCs with consulting for clinical operations improvements including improved billing and AR processes
- Led complete update of clinical content and informatics framework for population health tools:
- USPSTF Level A/B preventative services; chronic disease registries & dashboards, EBM treatment pathways
- SBIRT value-based payment project: 100-fold increase in screening for alcohol, depression, and substance abuse
- Led Meaningful Use scrum team, successfully implementing MU Stage 1 and 2 functionality on schedule
- ROI ~$5 million in MU Stage 1 Eligible Provider payments on estimated project costs of $250,000
- Gained broad support from 65+ Medical Directors for increased use of EHR to improve patient engagement:
- Patient portal automatic release of 99% of lab results on same day; collection of patient reported outcomes.
- Oversaw clinical informatics for OCHIN Practice Based Research Network across 17 states
- Assisted in preparing grants from PCORI, AHRQ, and NIH
- Co-authored multiple papers on use of EHRs in community-based clinics

University of Vermont Medical Center, Burlington, VT (1/2009 – 2/2013)
Clinical Informatics Team
- **Lead Physician Informaticist - In-Patient & Ambulatory (4/2011 – 2/2013); Ambulatory (1/2009 – 4/2011)**
  - Physician leader of clinical informatics relating to change management, quality improvement, patient safety
  - Responsible for all clinical integration aspects of In-Patient, Ambulatory, and Emergency Department EHR
  - Led clinical aspects of Data Integration & Management project, precursor to ACO data warehouse
  - Led EHR workflow redesign and reporting for 8 clinics, NCQA Level 3 Patient Centered Medical Home
  - Led design and implementation of health maintenance topics for USPSTF guidelines
  - Developed and led FAHC Physician Informatics Program with five direct reports
  - Committees
    - **Chair**, Clinical Informatics Leadership Group
    - **Chair,** Physician EHR Oversight
    - **Chair,** Problem List Utilization
    - **Chair,** MyChart Patient Portal
    - Clinical Transformation Committee with CMO, CNO, CIO, COO
    - UVM Center for Clinical Translational Science Biomedical Informatics Advisory Committee
    - Other committees: IT Leadership, Pharmacy &Therapeutics, Mortality Improvement, Patient Safety & Quality Improvement, ICD-10

University of Vermont College of Medicine (1/2009 – 3/2013)
Faculty
- **Assistant Professor, Department of Family Medicine (1/2009 – 3/2013)**
  - Provided empaneled care for pediatric and adult patients at Berlin Family Health clinic, Berlin, VT.
  - Taught UVM medical students and APRN students in clinic.

Central Vermont Medical Center, Berlin, VT (8/2005 – 2/2013)
CVMC Medical Staff (8/2005 to 2/2013)
- Ambulatory and Inpatient Privileges, including Newborn Unit, Pediatric Med/Surg, Adult ICU, moderate sedation

Physician Leader, CVMC Outpatient Electronic Medical Records (2006 – 2008)
- Physician Champion for community hospital ambulatory EHR implementation
- Oversaw clinical aspects of EHR implementation for 14 hospital-owned multispecialty clinics

Montpelier Health Center (8/2005 – 12/2008)
- CVMC Employed Community Group Practice
- Medical Director (2007 – 2008)
- Led development and implementation of opioid and suboxone prescribing guidelines and workflows
- Led change management of EHR implementation from paper char

EDUCATION

Dartmouth-Hitchcock Conaty Leadership Institute
- Member of 9-month healthcare leadership course including management, leadership, finance, IT. 2016 – 2017
- Capstone project: Business model and clinical operations for e-Visits in primary care.

Oregon Health & Science University. MBA – Healthcare Management. Portland, OR. 8/2014 – 6/2017
- Spring 2017: Healthcare Legislation & Policy; Capstone (Primary Care Nurse Clinic business model)
- Winter 2017: Healthcare Strategy; Capstone (Primary Care Nurse Clinic business model)
- Fall 2016: Project Management; Health Information Technology
- Spring 2016: Quality Management; Managerial Decision Making; Executive Briefings
- Winter 2016: Financial Management; Payment Systems in Healthcare; Ethics in Healthcare Organizations
- Fall 2015: Organizational Management in Healthcare; Managing Operations and the Value Chain
- Spring 2015: Healthcare Economics; Healthcare Marketing
- Winter 2015: Managerial Accounting; Leadership Dvlpmt & Assessment; Pioneering Innovation in Health Care
- Fall 2014: Financial Reporting; Organization, Financing, & History of Healthcare

CMMC Family Practice Residency. Resident (PG2/3). Lewiston, ME. 2003 – 2005
- Founder, CMMC FPR Wilderness & International Medicine Program

Middlesex Family Practice Residency. Internship. Middletown, CT. 2002 – 2003

Dartmouth Medical School. MD degree. Hanover, NH. 1998 – 2002
- Electives: Service learning at Camp Jabberwocky (cerebral palsy); American Red Cross case work, NYC 9/11.

Virginia Polytechnical Institute & State University. MSc in Forest Ecology. Blacksburg, VA. 3.8/4.0. 1992 – 1995
- 2 semesters of graduate-level biostatistics; extensive data analysis with SAS; geographic information systems.

Dartmouth College. BA. Earth Sciences; Geography/Environmental Studies. Hanover, NH. GPA 3.3/4.0. 1985 – 1989
- National Ski Patrol; Instructor: rock climbing, kayaking, and trail building. Dartmouth Outing Club Safety Director.

<u>Courses</u>
- Institute for Healthcare Improvement. Patient Safety Officer Course. Cambridge, MA. 9/2013.
- Institute for Healthcare Improvement. Triple Aims Seminar. Chicago, IL. 4/2013.
- Multiple courses in hospital disaster preparedness for CBRNE and mass casualty response management.

CERTIFICATION and LICENSURE

American Board of Family Medicine #1033306139 (8/2005 – 4/2015; 4/2015 – present)
American Board of Preventative Medicine – Clinical Informatics (2014 – present)
New Hampshire Board of Medicine #17748 (2016 – present)
Vermont Board of Medicine #042-0010974 (2005 – 2013; 2022 – present)
Oregon Board of Medicine #MD161194 (2013 – 2017)
DEA #BB8933942 (2005 – present), buprenorphine waivered
Certified Professional Health Information Management Systems, HIMSS (2011)
BLS, ACLS, PALS current certifications

HONORS & AWARDS

NH Top Doctors – NH Magazine (2022, 2023)

NH Antibiotic Stewardship Award – Outpatient Clinic (DHH Community Group Practice Team) **(2018)**

Health IT Fellow, Office of the National Coordinator for Health IT (2014 – 2016)
- National program to promote open and productive dialogue about healthcare IT.

AAFP Excellence in Graduate Medical Education (2004)
- National award to 20 PGY2 Family Medicine residents for outstanding scholarship, teaching, clinical practice.

The Julian and Melba Jarrett Memorial Prize, Dartmouth Medical School (2002)
- "For academic excellence and scholarly, cultural, or humanitarian achievement outside the medical curriculum, as well as evidence of potential for leadership in medicine"

The John Radenbaugh Award, Dartmouth Medical School (2002) "For community service"
- Mentored local teenager with seizure disorder; led search and rescue team in NH and VT.

Rural Health Scholar, Dartmouth Medical School (1999 – 2002)
- Rural medicine discussions & conferences.

Schweitzer Fellow, Dartmouth Medical School (1999)
- National Community Service Grant used to build therapeutic trails at Dartmouth Hitchcock Medical Center.

American Red Cross NJ Capital Chapter Award (1996)
- For leadership in State Disaster Services

PROFESSIONAL AFFILIATIONS & BOARD POSITIONS

Boards of Directors
- Upper Valley Trails Alliance, Norwich, VT (2021 – present)
- The Mental Health Center of Greater Manchester (NH) (2017 – 2018)
  - Largest mental health system in NH, including ambulatory and in-patient services. 2016 revenue $25.5M.
- DARTNet Institute (2016 – 2018)
  - DARTNet Institute's mission is to transform multi-sourced data into standardized, actionable health information that supports patient care, quality improvement, patient safety and health improvement, and collaborative learning and research. Member, Finance Committee.
- Wilderness Medical Society (2001 – 2002)

American College of Healthcare Executives (2015 to 2017)

American Medical Informatics Association (2011 to 2017; 2022 – present)
- Peer reviewer, Journal of Applied Clinical Informatics (intermittent including 2022)

Healthcare Information and Management Systems Society (2008 to 2013)
- *Certified Professional of Healthcare Information Management Systems* (CPHIMS), 2011

American Academy of Family Physicians (1998 to 2009; 2012 – 2013)
- *Fellow of the American Academy of Family Physicians* (FAAFP), conferred 2008
- Peer Reviewer, Journal American Board of Family Medicine (2015)

Wilderness Medical Society (1998 to 2013)
- *Fellow of the Academy of Wilderness Medicine* (FAWM), conferred 2007
- Peer reviewer, Wilderness & Environmental Medicine journal (2008 – 2010)

ADDITIONAL COMMUNITY SERVICE

Regional and Local
- Vermont Urban Search & Rescue Task Force – VT-1 (2009 – 2013)
- Northern New England Metropolitan Medical Team (2011 – 2013)
- Stowe Mountain Rescue/Vermont Mobile Support Unit – VT-2 (2006 – 2013)
- Waterbury Backcountry Response Team (VT) (2006 – 2013)
- Waterbury Ambulance (VT) (2006 – 2013)
- Lost Valley Ski Patrol (ME) (2003 – 2005)
- Upper Valley Wilderness Response Team (NH/VT) (1998 – 2002)

American Red Cross
- National Disaster Response Team: PA Floods 1/2002; PA Floods 8/1997; World Trade Towers 10/2001
- Capital Chapter, NJ (1995 – 1996): NJ Capital Chapter Award for leadership in State Disaster Services 1996
- Montgomery County, VA (1994 – 1995): Board of Directors; Disaster Committee co-chair.

International and National
- DHHS National Disaster Medical Assistance Team (2012 – present)
  - Deployments:
    - Hurricane Ian, Ft Myers, FL (10/2022)
    - Peace Officer Memorial, Washington, DC (9/2021)
    - NYC COVID Mortuary Team (5/2020);
    - Wyoming COVID Hospitalist Surge Team (12/2020)
    - Hurricane Irma, Key West, FL (9/2017)
- FEMA National Urban Search and Rescue Team (2006 – 2013)

PEER-REVIEW PUBLICATIONS

Kranyak A, Rork J, Levy J, **Burdick TE**. Alopecia areata and thyroid screening in Down syndrome: Leveraging Epic Cosmos dataset. J Am Acad Dermatol. 2023 Mar 28:S0190-9622(23)00512-1. doi: 10.1016/j.jaad.2023.03.026. Epub ahead of print. PMID: 36997068.

Atlas SJ, Tosteson ANA, **Burdick TE**, Wright A, Breslau ES, Dang TH, Wint AJ, Smith RE, Harris KA, Zhou L, Haas JS. Primary care practitioner perceptions on the follow-up of abnormal cancer screening test results. JAMA Network Open. JAMA Network Open; 2022 Sep 1;5(9):e2234194. doi: 10.1001/jamanetworkopen.2022.34194 . PMID: 36173627; PMCID: PMC9523497.

Burdick TE, Moran DS, Oliver BJ, Eilertson A, Raymond J, Hort S, Bartels SJ. Transitional Care Management quality improvement methods that reduced readmissions by 58% in a rural, primary care system. J Amer Board Fam Med. May 2022. 35(3):537-547. DOI: https://doi.org/10.3122/jabfm.2022.03.190435

Haas JS, Atlas SJ, Wright A, Orav EJ, Aman DG, Breslau ES, **Burdick TE**, Carpenter E, Chang F, Dang T, Diamond CJ, Feldman S, Harris KA, Hort SJ, Housman ML, Mecker A, Lehman CD, Percac-Lima S, Smith R, Wint AJ, Yang J, Zhou L, Tosteson ANA. Multilevel Follow-up of Cancer Screening (mFOCUS): Protocol for a multilevel intervention to improve the follow-up of abnormal cancer screening test results. Contemp Clin Trials. 2021 Oct;109:106533. doi: 10.1016/j.cct.2021.106533. Epub 2021 Aug 8. PMID: 34375748; PMCID: PMC8900526.

Woodson TT, Gunn R, Clark KD, Balasubramanian BA, Jetelina KK, Muller B, Miller BF, **Burdick TE**, Cohen DJ. Designing health information technology tools for behavioral health clinicians integrated within US-based primary care teams. J Innov Health Inform. 2018;25(3):158–168.

Burdick T. Project initiation story boards: a novel tool for launching projects using design thinking and lean enterprise. Reflections on Healthcare Management. 2018; 2(1): Article https://scholararchive.ohsu.edu/concern/etds/5712m682v

Samuels MH, Schuff R, Beninato P, Gorsuch A, Dursch J, Egan S, Adams B, Hollis KF, Navarro R, **Burdick TE**. Effectiveness and cost of recruiting healthy volunteers for clinical research studies using an electronic patient portal: A randomized study. *J Clin Transl Sci*. 2017 Dec;1(6):366-372.

Bailey SR, Heintzman JD, Marino M, Jacob RL, Puro JE, DeVoe JE, **Burdick TE**, Hazlehurst BL, Cohen DJ, Fortmann SP. Smoking-cessation assistance: before and after Stage 1 Meaningful Use Implementation. *Am J Prev Med*. 2017 Aug;53(2):192-200.

Coronado GD, Retecki S, Petrik AF, Coury J, Aguirre J, Taplin SH, **Burdick T**, Green BB. Mapping multi-site clinic workflows to design systems-enabled interventions. *EGEMS (Wash DC)*. 2017;5(1):13.

Burdick T, Kessler R. Development and use of a clinical decision support tool for behavioral health screening in primary care clinics. Appl Clin Inform. 2017; 8(2):412-429.

McCarty D, Leed R, Payment M, **Burdick TE**. Using Mychart® to assess patient attitudes toward cannabis use. J Drug Alcohol Dependence. Drug and Alcohol Dependence Abstracts 171 (2017) e136.

Burdick T. The research Triple Aim: Ethics as a policy driver for funding medical research. Reflections on Healthcare Management. 3/2017; 1(1): Article 8. https://scholararchive.ohsu.edu/concern/etds/8s45q907c .

Gold R, Esterberg E, Hollombe C, Arkind J, Vakarcs P, Tran H, **Burdick T**, DeVoe J, Horberg M. Low back imaging when not indicated – a descriptive cross-system analysis. *The Permanente Journal*. 2016 Spring;20(2):25-33.

Coronado GD, Retecki S, Schneider J, Taplin SH, **Burdick T**, Green BB. Recruiting community health centers into pragmatic research: Findings from STOP CRC. *Clin Trials*. 2015 Sep 29. PubMed PMID: 26419905.

Likumahuwa-Ackman S, Angier H, Sumic A, Harding RL, Cottrell EK, Cohen DJ, Nelson C, **Burdick T**, Wallace LS, Gallia C, Dickerson K, DeVoe JE. IMPACCT Kids Care: a real-world example of stakeholder involvement in comparative effectiveness research. *J Comparative Effectiveness Research*. 2015. J Comp Eff Res. 2015 Aug;4(4):351-7. doi: 10.2217/cer.15.24. PubMed PMID: 26274796; PubMed Central PMCID: PMC4538706.

Gold R, **Burdick T**, Angier H, Wallace L, Nelson C, Likumahuwa-Ackman S, Sumic A, DeVoe JE . Improve Synergy Between Health Information Exchange and Electronic Health Records to Increase Rates of Continuously Insured Patients. *eGEMs*. 2015;3(1):1158. doi:10.13063/2327-9214.1158.

Bazemore A, Cottrell EK Gold R, Hughes L, Phillips R, Angier H, **Burdick T**, Carrozza N, DeVoe JE. *"Community Vital Signs"*: Incorporating Geocoded Social Determinants into Electronic Records to Promote Patient and Population Health. *J Amer Med Informatics Assoc*. 2015 July. doi: 10.1093/jamia/ocv088

Krist AH, Green L, Phillips RL, Beasley JW, DeVoe J, Klinkman MS, Hughes J, Puro J, Fox CH, **Burdick T**. Health Information Technology Needs Help from Primary Care Researchers. *J Am Board Fam Med.* 2015 May-Jun;28(3): 306-10. doi: 10.3122/jabfm.2015.03.140246.

Coronado G, Vollmer WM, Petrik A, Aguirre J, Kapka T, Oluloro A, Sanchez J, **Burdick T**, Green B. Adapting Innovations for Safety Net Practices: Strategies and Opportunities to STOP Colon Cancer in Priority Populations. Conference Paper 142nd APHA Annual Meeting and Exposition 2014. Nov 2014.

DeVoe J, Angier H, **Burdick T**, Gold R. Health Information Technology: An Untapped Resource to Help Keep Patients Insured. *Ann Fam Med*. 2014 Nov;12(6):568-72. doi: 10.1370/afm.1721.

Coronado G, Vollmer W, Petrik A, Taplin S, **Burdick T**, Meenen R, Green, B. Strategies and Opportunities to Stop Colon Cancer in Priority Populations: Design of a Cluster-Randomized Pragmatic Trial. *Contemp Clin Trials*. 2014 Jun 14;38(2):344-349. doi: 10.1016/j.cct.2014.06.006. [Epub ahead of print]

Coronado G, **Burdick T**, Kapka T, Retecki S, Green B. Using an Automated Data-driven EHR-Embedded Program for Mailing FIT kits: Lessons from the STOP CRC Pilot Study *J Gen Pract.* 2014, 2:141. doi: 10.4172/2329-9126.1000141

DeVoe J, Gold R, Cottrell E, Bauer V, Brickman A, Puro J, Nelson C, Mayer K, Sears A, **Burdick T**, Merrell J, Matthews P, Fields S. The ADVANCE Network: Accelerating Data Value Across a National Community Health Center Network. *J Amer Med Informatics Assoc.* 2014. doi:10.1136/amiajnl-2014-002744

DeVoe JE, Angier H, Likumahuwa S, Hall J, Nelson C, Dickerson K, Keller S, **Burdick T**, Cohen DJ. Use of Qualitative Methods and User-Centered Design to Develop Customized Health Information Technology Tools within Federally-Qualified Health Centers to Keep Children Insured. *Journal of Ambulatory Care Management* 2014 Apr-Jun;37(2):148-54. doi: 10.1097/JAC.0000000000000016

Devoe J, Angier H, Gold R, **Burdick, T.** Electronic Health Records: An Untapped Resource to Help Keep Patients Insured (Abstract presentation). AMIA Annu Symp Proc. 2013;2013:311.

Chen ES, Melton GB, **Burdick TE**, Rosenau PT, Sarkar IN. Characterizing the Use and Contents of Free-text Family History Comments in the Electronic Health Record. AMIA Annu Symp Proc. 2012;2012:85-92. Epub 2012 Nov 3.

Burdick T. Wilderness Event Medicine: Preparing for Mass Gatherings in Remote Areas. *Journal of Travel Medicine and Infectious Disease*. 2005:3; 249-258.

Burdick T., Brozen, R. Wilderness Event Medicine. *Wilderness & Environmental Medicine*. 14(4); 2003: 236-239.

OTHER PUBLICATIONS

Bohm A, **Burdick TE**, Oliver BJ. 2022. Statistical Process Control for Attribute Data. Chap 7 in: Practical Measurement in Health Care Improvement. Oliver BJ, Ogrinc G (Eds). Joint Commission Resources, Oakbrook Terrace, Illinois. ISBN 978-1-63585-306-3

Van Citters AD, **Burdick TE**, Oliver BJ. 2022. Developing a Data Analysis and Visualization Plan. Chap 4 in: Practical Measurement in Health Care Improvement. Oliver BJ, Ogrinc G (Eds). Joint Commission Resources, Oakbrook Terrace, Illinois. ISBN 978-1-63585-306-3

Burdick T, et al. Alternate Care Site Planning Document for COVID Pandemic Response in the Upper Valley. Available in DHMC Policy Tech and NH Department of Health and Human Services Emergency Response Unit. 2020. 58pp.

Bracket C, et al. Primary Care Based MAT for Opioid Use Disorder. Clinical Practice Guideline. Knowledge Map, Dartmouth Hitchcock Health. 2018. 23pp.
https://med.dartmouth-hitchcock.org/documents/pc_tx_of_oud_cpg_v._2.0_.pdf

Burdick T. High Altitude Medicine. Wilderness Medical Society Community Education Series. Salt Lake City, UT. 2010.

Burdick T. Management of Musculoskeletal Injuries in the Wilderness. Wilderness Medical Society Community Education Series. Salt Lake City, UT. 2010.

PRESENTATIONS

Burdick T, Korsen S. Pulling data from multiple COOP clinics on different EHRs: Proposal for the use of a Common Data Model for bench marking, quality improvement, and multi-site research. North American Primary Care Research Group – Practice Based Research Network annual meeting, Bethesda, MD. 6/2022.

Burdick T, Korsen S. Pulling data from multiple COOP clinics on different EHRs: Proposal for the use of a Common Data Model for bench marking, quality improvement, and multi-site research. Dartmouth NNE COOP Annual Meeting. Virtual. 2/2022.

Emeny RT, **Burdick T**, Duncan M. Coupling Patient Reported Measures of Anxiety and Depression with Electronic Medical Records to Improve Health Outcomes in Primary Care.

Sayess P, **Burdick T**. Randomized study of Electronic Health Record (EHR) optimization training on EHR efficiency and burnout among Heater Road Primary Care providers. Poster presentation, Dartmouth COOP Practice Based Research Network Annual Scientific Meeting. Virtual, 1/2022.

Emeny RT, **Burdick T**, Duncan MS**.** Coupling anxiety and depression screening with electronic medical record data to improve outcomes in primary care patients with cardiometabolic conditions. Dartmouth COOP Practice Based Research Network Annual Scientific Meeting. Conway, NH, 1/2021.

Burdick T. Primary care research. Presentation to D-HH Primary Care Internal Medicine Residents. Lebanon, NH, 9/2020.

Burdick T. Big Data and Electronic Health Records. Dartmouth COOP Practice Based Research Network Annual Scientific Meeting. North Conway, NH, 1/2020.

Burdick T. Vermont Search & Rescue: Case review of 3 rescues in the Green Mountains. Invited presentation at the Wilderness Medicine Conference, UVM Department of Family Medicine, Burlington, VT, 6/2019.

Burdick T. College outing club risk management: Role of the physician advisor. Invited presentation at the Wilderness Medicine Conference, UVM Department of Family Medicine, Burlington, VT, 6/2019.

Bailey SR, Hoopes MJ, Puro J, DeVoe JE, **Burdick T**, Cohen DJ, Heintzman J, Marino M, Irvine J, McCarty D, Fortmann SP. Smoking cessation assistance pre- and post-implementation of Stage 1 Meaningful Use. Poster presentation at the College on Problems of Drug Dependence 78th Annual Meeting, Palm Springs, CA: 6/2016.

Schuff R, Gorsuch A, **Burdick T**. Recruitment through patient portals. American Medical Informatics Joint Translational Summits, San Francisco, CA. 3/2016.

Korthuis PT, **Burdick T**, Ha D, Leed R, Payment M, Kunkel L, Gorsuch A, McCarty D. Using an electronic health record communication tool to assess patient attitudes toward cannabis use. American Society of Addiction Medicine Annual Conference, Baltimore, MD. 4/2016.

Burdick T. Using Epic EHR to improve efficiency of clinical research. Department of Medical Informatics and Clinical Epidemiology Grand Rounds, Oregon Health and Science University, Portland, OR. 11/2015.

Burdick T. Data to Knowledge: Electronic health records in clinical research and quality improvement projects. Department of Neurosurgery Grand Rounds, Oregon Health and Science University, Portland, OR. 10/2015.

Bailey SR, Hoopes M, Puro, J, DeVoe JE, **Burdick T**, Cohen, DJ, Heintzman, J, Marino M, Irvine J, Fortmann SP. Stage 1 Meaningful Use: Smoking Status Assessment and Cessation Assistance Pre- and Post-Implementation. Poster presentation on work in progress. Submitted to the 43rd annual meeting of the North American Primary Care Research Group, Cancun, Mexico. 10/2015.

Burdick T. Electronic Health Records: Data to Knowledge in the Age of the Triple Aim. Medical Staff Grand Rounds, Mid-Columbia Medical Center, The Dalles, OR. 9/2015.

Muench J, **Burdick T**, Kessler R, Winkle JR. Innovative EHR Tools May Improve Documented Performance of SBIRT in Primary Care (poster). American Society of Addiction Medicine 46th Annual Conference, Austin, TX. 4/2015.

Burdick T, Puro J, Coronado D, Petrik A, Aguirre J, Kapka T, Green B, Le T. Using EHR Data to Automate Colorectal Cancer Screening at Community Health Centers: Opportunities and Barriers (poster). American Medical Informatics Association Annual Meeting, Washington, DC. 11/18/2014.

Coronado D, Vollmer WM, Petrik A, Oluloro A, Aguirre J, Kapka T, Sanchez J, **Burdick T**, Green B. Adapting Innovations

for Safety Net Practices: Strategies and Oppportunities to STOP Colon Cancer in Priority Populations. Poster presentation, American Public Health Association, New Orleans, LA. 11/15/2014.

Burdick T. Clinical decision support and research informatics – it's not just a pop-up alert. NIH Collaboratory Grand Rounds. 9/26/2014.

Burdick T. Meaningful Use strategies for View, Download, Transmit measure. Panelist, Office of the National Coordinator Consumer Health IT Summit, Washington, DC. 9/15/2014.

Burdick T. Patient-mediated health information technologies. Panelist, Office of the National Coordinator Consumer Health IT Summit, Washington, DC. 9/15/2014.

Burdick T. Health information exchange in safety net clinics. Invited testimony for Office of the National Coordinator, HIT Policy Committee Interoperability & HIE Workgroup Governance Subgroup Listening Session. 8/15/2014.

Burdick T. Physician governance and HIT development in safety net clinics. American Board of Internal Medicine Forum, San Francisco, CA. 8/4/2014.

DeVoe JE, Angier H, Likumahuwa S, Hall J, Nelson C, Dickerson K, Keller S, **Burdick T**, Cohen D. Developing Customized Health Information Technology Tools within Federally Qualified Health Centers to Keep Children Insured. AcademyHealth Annual Research Meeting (ARM). San Diego, CA. 6/2014.

Burdick T. Patient engagement through OpenNotes. Panel member, We Can Do Better annual meeting, Portland, OR. 4/2014.

Burdick T, et al. Accelerating innovations of electronic health records using workflow diagrams, low-fidelity prototypes, and Think Aloud usability testing (poster). Institute for Healthcare Improvement Scientific Symposium, Orlando, FL. 12/2013.

Burdick T. How the Problem-Oriented Medical Record can inform EHR use. OHSU Dept Family Medicine Grand Rounds, Portland, OR. 12/2013.

Muench J**, Burdick T**. SBIRT implementation: role of the electronic health record. SAHMSA SBIRT Grantee Meeting.] 10/2013.

Burdick, T. Meaningful Use Stages 2 & 3: What's next? (panel). OCHIN/Oregon Medical Assoc. Coordinated Health Innovation Symposium, Portland, OR. 9/2013.

Burdick, T. Problem-Oriented Medical Records and the modern EHR. OCHIN/Oregon Medical Assoc. Coordinated Health Innovation Symposium, Portland, OR. 9/2013.

Burdick, T. Creating ad hoc queries for clinical reporting in Epic. OCHIN/Oregon Medical Assoc. Coordinated Health Innovation Symposium, Portland, OR. 9/2013.

Burdick T. Clinical and reporting build for PCMH 2011 guidelines. OCHIN User Webinar Series, Portland, OR. 9/2012.

Burdick T, Rosenau P. Clinical and reporting build for PCMH 2011 guidelines. Epic User Group Meeting, Verona, WI. 9/2012.

Stein T, Sra J, **Burdick T**, Rambling On: Voice recognition and partial dictation options for physician notes. Epic User Group Meeting, Verona, WI. 9/2012.

Burdick T., Lin J, Taheri P, Trutor A, Tang C. Spider plots: a new tool developed from Physician Pulse. Epic Physician Advisory Council, Verona, WI. 4/2012.

Burdick T, Lin J. Managing the enhancement request process. Epic Physician Advisory Council, Verona, WI. 4/2012.

Kessler R, **Burdick T**. Health information technology as a core element of behavioral health integration in the medical home. Society of Teachers of Family Medicine Conference on Practice Improvement. Newport Beach, CA. 12/2011.

Burdick T, Kessler R, Tulkop L. Integrated flowsheets, BPAs, and Health Maintenance tools for behavioral health screening and intervention in primary care offices. Epic User Group Meeting. Verona, WI. 9/2011.

Kessler R, Burdick T. Behavioral health integration in the medical home and its facilitation by HIT. Patient Centered Primary Care Collaborative Grand Rounds. Webinar. 4/2011.

Burdick T. Evidence-based management of wilderness trauma. Primary Care Sports Medicine, Univ. of Vermont. Burlington, VT. 2011.

Burdick T. Introduction to Health Maintenance, MyChart, and PCMH Tools (Epic). UVM-FAHC Department of Family Medicine Grand Rounds. 2011.

Kessler R, **Burdick T.** Behavioral health integration in the Medical Home, and its facilitation by healthcare information technology. Patient-Centered Primary Care Collaborative Webinar. 2011.

Burdick T. Setting yourself free: Tips and Tricks for increased efficiency and satisfaction with your EHR (Epic). UVM-FAHC Department of Family Medicine Grand Rounds. 2010.

Burdick T. Prehospital medicine – improvisational techniques for the austere environment. East Montpelier Rescue Service, East Montpelier, VT. 2010.

Burdick T. Evidence-based management of wilderness trauma. Wilderness Medical Society Mid-Atlantic Student Conference, Philadelphia, PA. 2010.

Burdick T. Wilderness trauma: case studies from Vermont search and rescue operations. Vermont Emergency Medical Services Conference. Burlington, VT. 2010.

Burdick K, **Burdick T**. IUD counseling and insertion techniques. Family Medicine Board Review Course. Burlington, VT. 2010.

Burdick T. Wilderness medical protocols: national overview and current directions for Vermont. University of Vermont Emergency Medical Services Annual Meeting, Burlington, VT. 2009.

Burdick T. Evidence-based management of wilderness trauma – lessons applied to office-based practice. Department of Family Medicine Grand Rounds. University of Vermont. Burlington, VT. 2009.

Burdick T. Frostbite and accidental hypothermia. Primary Care Sports Medicine, Univ. of Vermont. Burlington, VT. 2009.

Burdick T. High altitude medicine. Primary Care Sports Medicine, Univ. of Vermont. Burlington, VT. 2009.

Burdick T. Electronic prescribing: optimizing efficiency in the office. Vermont Information Technology Leaders Summit '09, Burlington, VT. 9/2009.

Burdick T. Evidence-based management of wilderness trauma. Wilderness Medical Society Annual Scientific Assembly. Snowmass, CO. 8/2009.

Burdick T. Avalanches and cold injuries. Adirondack Mountain Club Winter Mountaineering School. Lake Placid, NY. 12/2008.

Burdick T. Wilderness Emergency Medicine Protocols for Vermont EMS. Draft presented to Vermont EMS and VT Search

& Rescue Working Group. 2008.

Burdick T. Implementation of a hospital-owned regional electronic health record, Vermont Medical Society Annual Meeting, Burlington, VT. 2007.

Burdick T. Prehospital childbirth and neonatal resuscitation. Mad River Valley Ambulance Service, Waitsfield, VT. 2007.

Burdick T. and Nuki G. B-type natriuretic peptide doubles on ascent to very high altitude: implications for diagnosis and treatment of high-altitude illnesses (research abstract oral presentation). Wilderness Medical Society Annual Scientific Assembly, Snowmass, CO. 7/2005.

Nuki G, Reynolds K, **Burdick T**. Needle and thread: advanced suture skills workshop. Society of Teachers of Family Medicine NE Regional Conference, Pittsburgh, PA, 2003.

Burdick TE. Evidence-based wilderness medicine – clearing the cervical spine and ankle using the clinical exam. University of CT Medical School Wilderness Medicine Symposium, Farmington, CT. 2002.

Burdick T. Epidemiological review of responses of a volunteer search and rescue team in New England: 1995–2001 (poster). Dartmouth Medical School 4th-Year Symposium. 4/2002.

Burdick T, Brozen R, Haughey C. Wilderness event medicine (poster). Wilderness Medical Society Annual Scientific Assembly, Whistler, B.C. 8/2001.

Burdick TE, Sholl MS, and Russell M. DMS & UVWRT: Development and implementation of a medical school-based search and rescue team (poster). 4th Biennial World Congress on Wilderness Medicine, Whistler, B.C. 8/1999.

RESEARCH PROJECTS

<u>**ACTIVE**</u>
COBRE (P20)
Advancing Rural Healthcare Equity   Creager, Wong (co-PI)   1/2023 - present
Role: co-Investigator; co-Leader of Statistics, Qualitative, and Informatics Module (10%)
Direct Annual Costs: ~$700,000

National COVID Cohort Collaborative   Burdick (site PI)   1/2023 – present
Submitting clinical data to NIH COVID research multi-site study
Unfunded study

Community and Family Medicine Burbank   Shoemaker (PI)   10/2022 – present
Management of DM using a PCP embedded in an addiction treatment program clinic
Role: Mentor (0% FTE)
Direct Annual Costs: $50,000

Community and Family Medicine Burbank   Wulff (PI)   10/2022 – present
Impact of training PCPs on trauma-informed pelvic exams
Role: Mentor (0% FTE)
Direct Annual Costs: $50,000

                                         Rork (PI)   6/2022 – present
Using Epic COSMOS database to evaluate prevalence of dermatologic diagnoses in patients with Down Syndrome
Role: Co-I, Research informaticist (0% FTE)
Unfunded preliminary study

                                         Preum (PI)   6/2022 – present

NLP and machine learning to automatically triage portal message from patients with COVID symptoms
Role: Co-I, Research informaticist (0% FTE)
Unfunded preliminary study

Community and Family Medicine Burbank   Jaynes (PI)   6/2021 – present
Randomized, placebo controlled cross-over clinical trial of SAMe S-Adenosyl-L-Methionine in primary care for treatment of osteoarthritis.
Role: Co-I (0% FTE)
Direct Annual Costs: $50,000

NCI 1U01CA225451-01   Hass, Altas, Tosteson (Co-PI)   2019 - present
Promoting Follow-up of Abnormal Cancer Screening Tests Using Population-Based Systems to Support Stepped Care Multilevel Intervention
Role: Co-I; Physician Informaticist, Practice Engagement (15% FTE)
Direct Annual Costs: $731,357

<u>PRIOR</u>
Community and Family Medicine Burbank   Emeny (PI)   6/2021 – 6/2022
DH-H Collaborative Care Registry to study integrated behavioral health in a primary care setting.
Role: Co-I (0% FTE)
Direct Annual Costs: $50,000

The Dartmouth Institute Levy Incubator   Burdick (PI)   1/2021 – 1/2022
Goal-oriented, Innovative Technology and Team-based care to Reduce Readmissions, ED visits and Length of stay (GITT RREAL).
Role: PI (20% FTE)
Direct Annual Costs: $300,000

NLM R01   Barr (PI)   2017 – 2020
Improving patient and caregiver engagement through the application of data science methods to audio recorded clinic visits stored in personal health libraries.
Role: Primary care advisor

HRSA T32 HP30036   Bartels (PI)   2016 – 2018
NRSA – Primary Care Research Fellowship: Northern New England Postdoctoral Primary Care Research Training Program. This program is aimed at creating the next generation of investigators having the skills to address critical gaps in knowledge as needed to achieve HHS's Triple Aim: improving health care quality and population health while reducing overall health care costs. The program will leverage the dedicated capacity for real-world health services research in a rural, three-state (New Hampshire, Vermont, Maine) primary-care research network, consisting of the long-established Dartmouth CO-OP Primary Care Research Network. This research network is supported by faculty and programs in the Dartmouth Geisel School of Medicine, The Dartmouth Institute for Health Policy and Clinical Practice (TDI), and Dartmouth's SYNERGY Clinical and Translational Research Institute.
Role: Program Co-Director (0% FTE)
Direct Annual Costs: $336,869

PCORI CDRN   DeVoe (PI)   07/01/2015 – 07/01/2018
Patient Centered Outcomes Research Institute
Accelerating Data Value Across a National Community Health Center Network (ADVANCE)
Phase 2 Clinical Data Research Network (CDRN)
The aims of this study are to (1) *Integrate* outpatient, hospital, and community-level data into a single data management system; (2) *Expand* our efforts to engage patients and clinicians who contribute to the design, implementation, and interpretation of CER and PCOR studies; (3) *Develop* electronic systems for recruiting study participants and collecting patient-reported data; (4) *Strengthen* the infrastructure of our community-academic partnerships to support PCOR, and

support FQHCs to become learning health systems; and (5) *Build* the capacity of our FQHC networks to meet research regulatory requirements.
Roles: Co-Investigator; Advisory Council (15% FTE)
Direct Annual Costs: $2,899,111

NIH/NCATS UL1 TR000128   Ellison (PI)   07/01/2011 – 06/01/2016
Oregon Clinical & Translational Research Institute (OCTRI) CTSA
OCTRI is fundamentally changing biomedical research to create a vibrant academic home for clinical and translational research. At the heart of OCTRI is a partnership between OHSU and the Kaiser Permanente Center for Health Research that brings together a strong biomedical research university and an innovative practice-based research center associated with a large patient population. The collaboration provides unique opportunities for expansion across the spectrum of human investigation, and sets the stage for major advances in human health.
Role: Co-Investigator; Clinical Research Informaticist (20% FTE)
Direct Annual Costs: $4,660,381

R01 1HL120894   Gold (PI)   05/15/2014 – 04/30/2019
"SPREAD-NET: Practices Enabling Adapting and Disseminating In the safety-NET"
The aims of this study are to: (1) Compare the effectiveness of 3 strategies (low, medium, high intensity) at supporting CHCs' implementation of the ALL intervention (aspirin, lisinopril, lovastatin in patients with diabetes) through a cluster-randomized trial; (2) Assess how effectively the 3 strategies support intervention sustainability at 12, 24 and 36 months post-implementation, measured as maintenance of change over time; and (3) Identify clinic characteristics associated with the support strategies' effectiveness (e.g. decision-making structures, leadership support, team processes / characteristics, readiness and capacity for change).
Roles: Co-Investigator; Physician Informaticist (10% FTE)
Direct Annual Costs: $662,976

PCORI CDRN   DeVoe (PI)   01/01/2014 – 06/30/2015
Patient Centered Outcomes Research Institute
Accelerating Data Value Across a National Community Health Center Network (ADVANCE)
Clinical Data Research Network (CDRN)
The aims of this study are to (1) *Integrate* outpatient, hospital, and community-level data into a single data management system; (2) *Expand* our efforts to engage patients and clinicians who contribute to the design, implementation, and interpretation of CER and PCOR studies; (3) *Develop* electronic systems for recruiting study participants and collecting patient-reported data; (4) *Strengthen* the infrastructure of our community-academic partnerships to support PCOR, and support FQHCs to become learning health systems; and (5) *Build* the capacity of our FQHC networks to meet research regulatory requirements.
Roles: Co-Investigator; Advisory Council; Clinical Informatics Director (10% FTE)
Direct Annual Costs: $3,500,000

OD, NIH UH3 AT007782   Coronado (PI)   01/1/2014 – 08/31/2017
Strategies and Opportunities to Stop Colon Cancer in Priority Populations (STOP CRC)
Colorectal cancer (CRC) is the second-leading cause of cancer death in the United States. Rates of CRC screening are extremely low in patients at Federally Qualified Health Centers (FQHCs), which serve nearly 19 million patients annually. This project will test an intervention to improve rates of CRC screening in a group of FQHCs.
Role: Site Principal Investigator, Physician Informaticist (10% FTE)
Direct Annual Costs: $585,538

R01 CA168795   Krist (PI)   09/04/2013 – 06/03/2018
National Cancer Institute
Implementing Personal Health Records to Promote Evidence-Based Cancer Screening
The goal of this research is to study the design, implementation, use, and clinical outcomes related to a decision-support tool integrated with the EHR-tethered patient portal, and incorporating additional content and algorithms for patient engagement, increased health literacy, and shared decision-making regarding cancer screening.
Role: Site Principal Investigator/Co-Investigator; Physician Informaticist (10% FTE)
Direct Annual Costs: $480,253

| AHRQ K08 | Heintzman (PI) | 07/01/2013 – 06/30/2017 |

The Primary Care Medical Home and Preventative Service Use in Latino Immigrants
The goal of this research is to use an EHR database from safety net clinics to measure preventive service use in the Latino population and to measure the impact of provider continuity and team-based care on the use of preventive services among Latino immigrants.
Role: Site Principal Investigator; Physician Informaticist (5% FTE)
Direct Annual Costs: 148,173

| R34 MH100371 | Cohen (PI) | 05/01/2013 – 04/30/2016 |

NIH, NIMH
Turning EHRs into Assets for Mental Health and Uniting Practice (TEAM UP)
This study introduces an innovative solution to the fragmentation reinforced by current EHR systems and documentation practices. Informed by the Primary Care Change Model, the Technology Acceptance Model and user-centered design best practices, this study will examine how OCHIN's BH Navigator and primary care practices are co-evolving to support integration of mental health in primary care.
Role: Co-Investigator, Physician Informaticist (10% FTE)
Direct Annual Costs: $163,927

| PFA Cycle I Award | DeVoe (PI) | 03/01/2013 – 02/29/2016 |

PCORI
Innovative Methods for Patients and Clinics to Create Tools for Kids' Care: IMPACCT Kids' Care
The goal of the study is to develop a suite of electronic tools to bolster enrollment and retention of eligible children in Children's Health Insurance Program (CHIP) and Medicaid, then beta-test the tools by engaging families and clinics staff in a mixed methods evaluation.
Role: Co-Investigator, Physician Informaticist (10% FTE)
Direct Annual Costs: $360,406

| KPCHR internal | Gold (PI) | 07/01/2013 – 06/30/2014 |

Kaiser Permanente Northwest Center for Health Research
Meaningful Use of EHRs for Improved Rates of Evidence-Based Lower Back Pain Imaging: A Cross-system Analysis
This project will assess whether non-indicated and/or duplicative imaging for low back pain is associated with EHR use in diverse health care delivery settings. The work will test the hypothesis that, because of communication functions enabled through the Kaiser Permanente EHR system (known as KP HealthConnect of KPHC), Kaiser Permanente patients will have fewer radiologic procedures associated with initial lower back pain diagnoses, and if back imaging was performed, fewer subsequent duplicative procedures, compared to patients in other healthcare systems.
Role: Co-Investigator, Physician Informaticist (5% FTE)