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## BIOGRAPHICAL SKETCH

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NAME Cohen, Deborah	POSITION TITLE Associate Professor		
eRA COMMONS USER NAME DJCOHEN			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training and residency training if applicable)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Muhlenberg College, Allentown, PA	B.A.	1986-1990	Communication and Business
University of Pennsylvania, Philadelphia, PA	M.A.	1990-1992	Communication
Rutgers University, New Brunswick, NJ	Ph.D.	1994-1999	Communication

### A. Personal Statement

I have been developing my skills in qualitative and quantitative methods for more than 20 years, and I have spent more than a decade studying primary care practices, with a focus on practice change and improvement, preventive service delivery and health information technology use. With regard to qualitative methods, I have expertise in a range of qualitative methods, including conversation analysis, interviewing and observation, and I am skilled at supervising qualitative teams in data collection, management and analysis. I use my qualitative expertise on mixed methods teams to look at how improvements are implemented in primary care practices, to identify what changes are made, and how observed practice change is associated with process and outcomes measures. My earliest experience in this area was working with Drs. Kurt Stange, William Miller, Benjamin Crabtree, and others, on a number of studies to examine improving preventive care and diabetes care in primary care practice. Since then, I have been a PI on several federally and foundation funded grants, leading mixed methods teams of my own to understand and tackle the complicated problems related to implementing and dissemination new innovations and important quality improvements in primary care practice, including EHR use. In addition to my research, I mentor and teach on this topic, and I am an Associate Editor for the Annals of Family Medicine. My expertise in conducting mixed methods and practice-based research will be important for this study.

Dr. Balasubramanian and I have collaborated on a number of projects, and I look forward to working closely with her and her team on this important study. I will work with Dr. Lee on all aspects of Aim 3 of this study. Specifically, I will assist Dr. Lee in developing protocols for data collection and interview guides to accurately and comprehensively capture the implementation process. I will participate in monthly meetings to review data collected in real time in order to identify opportunities to gain emerging insights from successes and challenges in implementation. I will also apply my expertise in mixed-methods research to help the research team triangulate qualitative and quantitative findings to identify implementation strategies that were most effective in the safety-net setting. Finally, I will participate in all team meetings and also contribute in analyses and manuscript preparation to disseminate findings from this study.

### B. Positions and Honors

#### Positions and Employment

1990	Communication Award. Muhlenberg College, PA
1990-1992	Library Assistant, Annenberg Library, University of Pennsylvania
1992	Research Consultant, Chilton Services, Radnor, Pennsylvania
1992-1994	Marketing Coordinator, Chapman Graphics, Mahwah, NJ
1994-1995	Research Associate, Newman Stein, Inc., New York, NY

1994-1995 Adjunct Instructor, Bergen Community College, Paramus, NJ  
1995-1999 Teaching Assistant, Department of Communication, Rutgers University, New Brunswick, NJ  
1999-2000 Part-time Lecturer, Department of Communication, Rutgers University, New Brunswick, NJ  
2000-2002 Research Analyst, Department of Family Medicine, UMDNJ-RWJMS  
2003- 2005 Adjunct Assistant Professor, Department of Family Medicine, UMDNJ-RWJ Medical School  
2005-2010 Assistant Professor, Department of Family Medicine, UMDNJ-RWJ Medical School  
2010-present Associate Professor, Department of Family Medicine, OHSU  
2006-present Associate Editor. *Annals of Family Medicine*.

### **Professional Societies**

North American Primary Care Research group

### **C. Selected peer-reviewed publications (Selected from 29 publications).**

#### **Most Relevant to the current application**

1. **Cohen, DJ.**, Leviton, L., Isaacson N, Tallia A, Crabtree B. Online Diaries for Qualitative Evaluation: Gaining Real-Time Insights. *American Journal of Evaluation*. 2006 27:163-184(2),163-184.
2. **Cohen, DJ.** Balasubramanian, BA. Isaacson, NF. Clark, EC. Etz, RS. Crabtree, BF. Coordination of health behavior counseling in primary care. *Annals of Family Medicine*. (July 2011). PMID: 21911759.
3. **Cohen, DJ.** & Crabtree, BF. Evaluative criteria for qualitative research in health care: Controversies and recommendations. *Annals of Family Medicine*. 2008. 6; 331-339. PMID: 18626033. PMCID: PMC2478498.
4. **Cohen, DJ.**, Crabtree, BF., Etz, RS., Balasubramanian, BA., Donahue, K., Leviton, LC., Clark, EC., Isaacson, NF., Stange, KC., Green, LW. Fidelity vs. flexibility: Translating evidence-based research into practice. *American Journal of Preventive Medicine*. 2008. 35; S381-389. PMID: 18929985.
5. Balasubramanian BA, Chase SM, Nutting PA, **Cohen DJ**, Ohman Strickland P, Crosson JC, Miller WL, Crabtree BF and the ULTRA study team. Using Learning Teams for Reflective Adaptation (ULTRA): Insights From a Team-Based Change Management Strategy in Primary Care. *Ann Fam Med*, 2010; 8(5): 425-432. PMID: 20843884

#### **Additional Recent publications of importance to the field (in chronological order).**

1. **Cohen, D.**, McDaniel, R.R. Jr., Crabtree, B.F., Ruhe, M.C., Weyer, S.M., Tallia, A., Miller, W.L., Goodwin, M.A., Nutting, P., Solberg, L.I., Syzanski, S.J., Jaen, C.R., Gilchrist, V., and Stange, KC. "A practice change model for quality improvement in primary care practice." *Journal of Health Care Management*. May/June 2004. PMID: 15190858
2. **Cohen, D.**, Diccio Bloom, B. Headley, A, Orzano, JA, Ohman Strickland, P, Levine, J, Scott, J, Crabtree, B. "Opportunistic approaches for delivering preventive care in illness visits." *Preventive Medicine*. 2004; 38(5), 565-573. PMID: 15066359
3. **Cohen, D.J.**, Tallia, A., Crabtree, B.F., Young, D. Implementing Health Behavior Change In Primary Care: Lessons from Prescription for Health. *Annals of Family Medicine*. July- Aug. 2005; 3 Suppl. 2, pp. S12-19. PMID: 16049075
4. Hung, DY, Rundall, TG, **Cohen, DJ**, Tallia, AF, Crabtree, BF. Productivity and turnover in primary care practices: The role of staff participating in decision-making. *Medical Care*. (2006) 44(10), 946-51. PMID: 17001266
5. Balasubramanian, BA., **Cohen, DJ.**, Clark, EC., Isaacson, NF., Hung, DY., Dickinson, LM., Fernald, DH., Green, LA., Crabtree, BF. Practice-level approach for behavioral counseling and patient health behaviors. *American Journal of Preventive Medicine*. 2008. 35; S407-413.
6. Ferrante, JM., Cohen, DJ., Crosson, JC. Translating the patient navigator approach to meet the needs of primary care. *Journal of the American Board of Family Medicine*. 2010. 23(6): 736-744.

7. Hahn, KA, Ohman-Strickland, PA, **Cohen, DJ**, Piasecki, AK, Crosson, JC., Clark, EC., Crabtree, BF. Electronic medical records are not associated with improved documentation in community primary care practices. *American Journal of Medical Quality*. (2011) July/August. PMID: 21266596. PMCID: PMC3137715.
8. Ash JS, Sittig DF, McMullen CK, McCormack JL, Wright A, Bunce A, Wasserman J, Mohan V, **Cohen DJ**, Shapiro M, Middleton B. Studying the vendor perspective on clinical decision support. *AMIA Annu Symp Proc*. 2011;2011:80-7. Epub 2011 Oct 22. PMID: 22195058. PMCID: PMC3243293.
9. Davis, M.M., Keller, S., DeVoe, J., **Cohen, D.J.** [Senior Author]. Characteristics and Lessons Learned from Practice-based Research Networks (PBRNs) in the United States. *Journal of Health Care Leadership*. 4: 107-116. 2012.
10. Davis MM, Balasubramanian BA, Waller E, Miller BF, Green LA, **Cohen DJ [Senior Author]**. (in press) Integrating Behavioral and Physical Health Care in the Real-World: Early Lessons from Advancing Care Together. *J Am Board Fam Med September-October 2013; 26:588-602*; doi:10.3122/jabfm.2013.05.130028

## C. Research Support

### Ongoing Research Support

1R01MH100001-01 McConnell (PI) 9/1/2012 – 8/31/2017  
 DHHS NIH/National Institute on Drug Abuse  
 Evaluating Oregon's "Coordinated Care Organizations"  
 This proposal aims to evaluate Oregon's Coordinate Care Organizations (CCOs), a new model for healthcare for Medicaid beneficiaries.  
 Role: Co-Investigator

1R18 DK082377-01A2 Holtrop (PI) 9/1/2010 – 6/30/2013  
 NIDDK  
 Implementing Sustainable Diabetes Prevention and Self-Management in Primary Care  
 Dr. Holtrop's team is implementing an intervention in primary care practices designed to improve diabetes prevention and self-management. Dr. Cohen is assisting the team with the analysis of qualitative data in this study.  
 Role: Site Principal Investigator

1R01DA031208-01A1 Deyo (PI) 12/01/2011-11/30/2016  
 NIH/NIDA  
 Use of Prescription Monitoring Programs to Improve Patient Care and Outcomes  
 The overarching goal of this research is to help providers improve the care of complex patients requesting controlled prescription medication. The project involves an evaluation of a newly implemented statewide prescription monitoring program.  
 Role: Co-Investigator

HHS 290-2010-00021 Westat 9/30/2010 – 9/16/2013  
 AHRQ  
 The Academy for Integrating Mental Health and Primary Care  
 The project is a formative and summative evaluation of the Academy for Integrating Mental Health and Primary Care. The goal of the evaluation work is to foster learning through evaluation by assessing both the process of implementing interventions as well as the outcomes, and by communicating and reflecting on key formative insights with collaborative research teams throughout the implementation process.  
 Role: Site Principal Investigator

1UB2 HA020235-01-00 Saultz (PI) 9/01/2010 – 8/31/2013  
 HRSA  
 Community Health Applied Research Network, Research Node Application

The purpose of the CHARN is to provide infrastructure support for consortia of safety net providers and academic institutions to develop the capacity to undertake community-based comparative effectiveness research.

Role: Co-Investigator

Project # 2-5-12192 Green (PI)

12/15/2010 – 12/14/2014

The Colorado Health Foundation

Advancing Care Together: Creating Systems of Care for the Whole Person (ACT)

Advancing Care Together (ACT) is a dynamic collaboration by the behavioral health, substance use, and primary care communities to take action together to discover practical ways to integrate care for people whose health problems and health care needs span physical, emotional, and behavioral domains. Dr. Cohen lead the program evaluation.

Role: Site Principal Investigator

69909 Cohen (PI)

4/01/2012 – 3/31/2014

Robert Wood Johnson Foundation

Meta Analysis of Project Design

Project HealthDesign is a national program of the Robert Wood Johnson Foundation (RWJF). In this program, grantees created and pilot tested information technology (IT) tools that help people better manage their health by collecting observations of daily living (ODL). The goal was to develop IT tools to collect and transfer ODL data to the Personal Health Record (PHR) so this information could inform the healthcare delivery process.

Role: Principal Investigator

Award# 2-5-23370

2/1/2013-6/30/2014

Tides Foundation (Miller)

Integrated Care Workforce Competencies Project

The purpose of this proposal is to assist the field of integrated primary care by identifying competencies for workforce development. To that end, the OHSU team will be conducting site visits with three integrated practices located in California. We will also be managing and analyzing these data to identify the core competencies required in integrated clinics.

Role: Site Principal Investigator

1R34MH100371-01 Cohen (PI)

5/1/2013-4/30/2016

DHHS NIH Natl Institute of Mental Health

Turning EHRs into Assets for Mental Health and Uniting Practice

This project examines an innovative and novel technological solution in the Epic EHR that can be used as a model for documenting, sharing, and monitoring patients' mental and physical health needs and that holds promise for defragmenting current information systems and supporting integrated clinical practice.

Role: Principal Investigator

### **Completed Research Support**

HHSP23320095655WC/HHSP23337003T Ash (PI)

2/01/2012-3/31/2013

DHHS OS Ofc of the Natl Coordinator for Health Information Technology (ONC)/Westat, Inc.

Safety Assurance Factors for EHR Resilience (SAFER): Case Studies

The goal of this proposal is to develop proactive tools designed to increase the resilience of the complex, adaptive, EHR –enabled clinical work system.

*DHHS AHRQ*

*Coordination for Workflow Assessment for Health IT Toolkit Evaluation*

*Under this project, ORPRN harmonizes results across multiple PBRNs for "Workflow Assessment for Health IT Toolkit Evaluation." That evaluation studies and describes the usefulness of an AHRQ health IT workflow toolkit on clinic workflow processes while implementing health IT.*

AHRQ RFTO Westat

9/15/2011-9/14/2013

AHRQ

Technical Assistance for Effective Quality Improvement and Evaluation in Mental Health-Primary Care Integration

The purpose of this project is to develop materials and provide technical assistance that focus on measures and measurement in QI and evaluation in mental health-primary care integration (integration). Dr. Cohen will lend her expertise in evaluation methods to the efforts to identify quality improvement indicators and evaluation methodologies suitable for strengthening and evaluating integrated healthcare initiatives.

Role: Site Principal Investigator

1R24 HS019462-01, Miller (PI); Cohen (Sub PI)

1/01/2011-7/31/2012

AHRQ

Collaborative National Network Examining Comparative Effectiveness Trials (CONNECT)

Dr. Miller's team at the University of Colorado, Denver will establish a practice-based research network (PBRN) that focuses on practices organized to provide collaborative, integrated behavioral health primary care *to patients with behavioral and emotional problems. The infrastructure they create will support comparative effectiveness research in PBRN. Dr. Cohen will assist with the evaluation of the PBRN to determine its strengths, weaknesses and potential for extensive comparative effectiveness research.*

Project ID: 53221 Cohen (PI)

7/1/2004 – 1/15/2010

Robert Wood Johnson Foundation

Prescription for Health Evaluation

This multiyear project is performing an ongoing content and process analysis of Robert Wood Johnson Foundation funded projects submitted by Practice Based Research Networks to the Prescription for Health: Promoting Health Behaviors Initiative. Methodologies include a comparative case analysis of projects, built on qualitative and quantitative data collected at the initiative, project, and practice levels.