

JAMES D. RALSTON

Group Health Research Institute/ Internal Medicine
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EDUCATION

B.A.	Stanford University	1988
M.D.	U of Washington	1994
M.P.H.	U of Washington	2002

LICENSURE

Washington State, expires 7/2013

BOARD CERTIFICATION

American Board of Internal Medicine, 1997-2007: recertified 2007-2017

POSTGRADUATE TRAINING

Intern	Internal Medicine	Virginia Mason Medical Center	7/94-07/95
Resident	Internal Medicine	Virginia Mason Medical Center	7/95-07/97
Chief Resident	Internal Medicine	Virginia Mason Medical Center	7/97-07/98
Fellow	NRSA Program in Primary Care Research	U of Washington	7/00-09/03

ACADEMIC POSITIONS

Associate Scientific Investigator, Group Health Research Institute	2009 – present
Affiliate Assistant Professor, Health Services University of Washington School of Public Health	2005 – present
Affiliate Assistant Professor, Biomedical and Health Informatics University of Washington School of Medicine	2011 – present
Assistant Scientific Investigator, Group Health Research Institute	2003-2009

CLINICAL POSITIONS

Internal Medicine Consultant, Group Health Permanente	2003 - present
Hospitalist, Virginia Mason Medical Center	2000 - 2003
Internist, private practice locum tenens	1998 - 1999

PROFESSIONAL ORGANIZATIONS

Society for General Internal Medicine (associate member)	2001 - present
American College of Physicians (member)	1994 - present
American Medical Informatics Association (member)	2003 - present

GRANT REVIEW

Member, Health Care Research and Training Study Section, Agency for Healthcare Research and Quality: October 2010-present.

AD HOC GRANT REVIEW

1. Health Care Research and Training Study Section, Agency for Healthcare Research and Quality: March 2009, July 2009, October 2009, March 2010.
2. Institute of Translational Health Sciences, Pilot Grant Review, University of Washington, December 2009, March 2010.
3. Ambulatory Safety and Quality Program: Improving Management of Individuals with Complex Healthcare Needs through Health IT, Agency for Healthcare Quality and Research, June 2008

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4. Ambulatory Safety and Quality Program: Improving Quality through Clinician Use of Health IT, Agency for Healthcare Quality and Research, June 2007
5. Diabetes UK, Care and Treatment of diabetes and its complications, 2006
6. Cancer Research Network, Pilot Fund Proposals, 2004

AD HOC MANUSCRIPT REVIEW

1. Medicare Medicaid Research and Review (2012)
2. Annals of Family Medicine (2010-2012)
3. Journal of the American Medical Informatics Association (2011,2012)
4. Health Affairs (2010)
5. Journal of Biomedical Informatics (2010)
6. International Journal of Medical Informatics (2010)
7. Health Services Research (2009)
8. BMC Medical Informatics and Decision Making (2009, 2010, 2011)
9. Journal of General Internal Medicine (2004-2011)
10. Diabetes Research and Clinical Practice (2006)
11. Health Expectations (2004)
12. Journal on Information Technology in Healthcare (2004)
13. Journal of the National Cancer Institute (2005)
14. Evaluation and Program Planning (2005)
15. Journal of Medical Internet Research (2007,2010, 2011)
16. Journal of the American Medical Association (2004)

BIBLIOGRAPHY

Peer-Reviewed Research Articles

1. **Ralston JD**, Silverberg MJ, Grothaus L, Leyden WA, Ross T, Stewart C, Carzasty S, Horberg M, Catz SL. Use of Web-based Shared Medical Records among Patients with HIV. In press, Am J Manag Care.
2. Lyles CR, Grothaus L, Reid RJ, Sarkar U, **Ralston JD**. Communication about diabetes risk factors during between-visit encounters. Am J Manag Care. 2012 Dec;18(12):807-15.
3. McInnes K, Brown JA, Hays RD, Gallagher P, **Ralston JD**, Hugh M, Kanter M, Serrato C, Cosenza C, Halamka J, Ding L, Cleary P. Development and Psychometric Properties of CAHPS® Items to Assess the Impact of Health Information Technology on Patient Experiences with Care. In press, Med Care.
4. Delbanco T, Walker J, Bell SK, Darer JD, Elmore JG, Farag N, Feldman HJ, Mejilla R, Ngo L, **Ralston JD**, Ross SE, Trivedi N, Vodicka E, Leveille SG. Inviting Patients to Read Their Doctors' Notes: A Quasi-experimental Study and a Look Ahead. Ann Intern Med 2012 Oct 2;157(7):461-70.
5. Grembowski D, Anderson ML, **Ralston JD**, Martin DP, Reid R. Does a large-scale organizational transformation toward patient-centered access change the utilization and costs of care for patients with diabetes? Med Care Res Rev. 2012 Oct;69(5):519-39.
6. Leveille SG, Walker J, Ralston JD, Ross SE, Elmore JG, Delbanco T. Evaluating the impact of patients' online access to doctors' visit notes: designing and executing the OpenNotes project. BMC Med Inform Decis Mak. 2012;12:32. PMID:PMC3351950.
7. Lyles CR, Harris LT, Jordan L, Grothaus L, Wehnes L, Reid R, **Ralston JD**. Patient Race/Ethnicity and Shared Medical Record Use among Diabetes Patients. Med Care. 2012 May;50(5):434-440.
8. Walker J, Leveille SG, Ngo L, Vodicka E, Darer J, Dhanireddy S, Elmore J, Feldman HJ, Lichtenfeld MJ, Oster N, **Ralston JD**, Ross SE, Delbanco T. Inviting Patients to Read Their Doctor's Notes: Patients and Doctors Look Ahead. Ann Int Med 2011;155:811-819.
9. Fishman PA, Anderson ML, Cook AJ, **Ralston JD**, Catz SL, Carlson J, Larson EB, Green BB. Accuracy of blood pressure measurements reported in an electronic medical record during routine primary care visits. J Clin Hypertens 2011 Nov;13(11):821-8. PMID:PMC3211104.
10. Jackson GL, Krein SL, Alverson DC, Darkins AW, Gunnar W, Harada ND, Helfrich CD, Houston TK, Klobucar TF, Nazi KM, Poropatich RK, **Ralston JD**, Bosworth HB. Defining core issues in utilizing information technology to improve access: evaluation and research agenda. J Gen Intern Med 2011 Nov;26 Suppl 2:623-7. PMID:PMC3191219.

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11. Lyles CR, Harris LT, Le T, Flowers J, Tufano J, Britt D, Hoath J, Hirsch I, Goldberg HI, **Ralston JD**. Qualitative Evaluation of a Mobile Phone and Web-Based Collaborative Care Intervention for Patients with Type 2 Diabetes. *Diabetes Technol Ther*. 2011 May;13(5):563-9.
12. Simon GE, **Ralston JD**, Savarino J, Pabniak C, Wentzel C, Operskalski BH. Randomized trial of depression follow-up care by online messaging. *J Gen Intern Med*. 2011 Jul;26(7):698-704. PMID: PMC3138593.
13. Green BB, Anderson ML, **Ralston JD**, Catz S, Fishman PA, Cook AJ. Patient Ability and Willingness to Participate in a Web-based Intervention to Improve Hypertension Control. *J Med Internet Res*. 2011 Jan 20;13(1):e1.
14. McCarrier, KP, Zimmerman FJ, Martin DP, **Ralston JD**. Associations between minimum wage policy and access to health care: Evidence from the Behavioral Risk Factor Surveillance System, 1996-2007. *Am J Public Health*. 2011 Feb;101(2):359-67.
15. Weppner W, **Ralston JD**, Koepsell T, Grothaus L, Jordan L, Reid R, Larson E. Use of shared medical record among older patients with diabetes. *Diabetes Care* 2010 (33)11: 2315-9. PMID: PMC2963486.
16. Tufano JT, **Ralston JD**, Tarczy-Hornoch P, Reid RJ. Participatory redesign of a sociotechnical healthcare delivery system: the Group Health Patient-Centered Medical Home. *Stud Health Technol Inform*. 2010;157:59-65.
17. Harris LT, Tufano J, Le T, Rees C, Lewis GA, Evert AB, Flowers J, Collins C, Hoath J, Hirsch IB, Goldberg HI, **Ralston JD**. Designing mobile support for glycemic control. *J Biomed Inform*. 2010;43(5):S37-40.
18. Delbanco T, Walker J, Darer JD, Elmore JG, Feldman HJ, Leveille SG, **Ralston JD**, Ross SE, Vodicka E, Weber VD. Open Notes: doctors and patients signing on. *Ann Int Med* 2010;153:121-125.
19. **Ralston JD**, Coleman K, Reid RJ, Handley MR, Larson EB. Patient experience should be part of meaningful-use criteria. *Health Aff (Millwood)*. 2010 Apr;29(4):607-13.
20. McCarrier, KP, Zimmerman FJ, Martin DP, **Ralston JD**. Associations between state-level minimum wage policy and health care access: A multi-level analysis of the 2004 Behavioral Risk Factor Survey. *J Health Care Poor Underserved*. 2010;21(2):729-48.
21. **Ralston JD**, Martin, DP, Anderson, ML, Fishman, PA, Conrad, DA, Larson EB et al. Group Health Cooperative's Transformation Toward Patient-Centered Access. *Med Care Res Rev*. 2009 Dec;66(6): 703-24.
22. Harris LT, Haneuse SJ, Martin DP, **Ralston JD**. Diabetes Quality of Care and Outpatient Utilization Associated with Electronic Patient-Provider Messaging: A Cross-Sectional Analysis. *Diabetes Care*. 2009;32(7):1182-1187. PMID: PMC2699712.
23. **Ralston JD**, Carrell D, Hecht J, Rubanowice D, Rutter C, Simon G. Patient use of secure electronic messaging within a shared medical record: a cross-sectional study. *J Gen Intern Med*. 2009;24(3):349-355. PMID: PMC2642567.
24. McCarrier KP, **Ralston JD**, Hirsch IB, Lewis G, Martin D, Zimmerman FJ, Goldberg HI. Web-based case management in adults with Type 1 diabetes: A pilot randomized controlled trial. *Diabetes Technol Ther*. 2009;11(4):211-217.
25. Moreno MA, **Ralston JD**, Grossman D. Adolescent access to online health services: perils and promise. *J. of Adolesc Health*. 2009;44(3):244-251.
26. **Ralston JD**, Hirsch IB, Hoath J, Mullen M, Cheadle A, Goldberg HI. Web-based collaborative care for type 2 diabetes: a pilot randomized trial. *Diabetes Care*. 2009;32(2):234-239. PMID: PMC2628685.
27. Årsand E, Tufano JT, **Ralston JD**, Hjortdahl P. Designing mobile dietary management support technologies for people with diabetes. *J Telemed Telecare*. 2008;14(7):329-32.
28. Conrad DA, Fishman P, Grembowski D, **Ralston JD**, Reid R, Martin D, Larson EB. Access intervention in an integrated, prepaid group practice: effects on primary care provider productivity. *Health Services Research*. 2008;43(5):1888-1905.
29. Tufano JT, **Ralston JD**, Martin D. Providers' experience with an organizational redesign initiative to promote patient-centered access: a qualitative study. *J. Gen Int Med*. 2008 Nov;23(11):1778-1783. PMID: PMC2585688.
30. Grembowski DE, Anderson ML, Conrad DA, Fishman PA, Larson EB, Martin DP, **Ralston JD**, Carrell D, Hecht J. Evaluation of the Group Health Cooperative Access Initiative: study design challenges in estimating the impact of a large-scale organizational transformation. *Qual Manag Health Care*. 2008;17(4):293-303.

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31. Green BB, Cook AJ, **Ralston JD**, Fishman PA, Catz SL, Carlson J, Carrell D, Tyll L, Larson E, Thompson RS. Effectiveness of home blood pressure monitoring, web communication, and pharmacist care on hypertension Control. JAMA. 2008 Jun 25;299(24):2857-67. PMID: PMC2715866.
32. Green BB, **Ralston JD**, Fishman PA, Catz SL, Cook A, Carlson J, Tyll L, Carrell D, Thompson RS., Electronic communications and home blood pressure monitoring (e-BP) study: design, delivery, and evaluation framework. Contemp Clin Trials. 2008 May;29(3):276-295. PMID: PMC2645352.
33. **Ralston JD**, Carrell D, Reid R, Anderson M, Moran M, Hereford J., Patient web services integrated with a shared medical record: patient use and satisfaction. J Am Med Inform Assoc. 2007;14(6):798-806. PMID: PMC2213480.
34. Hislop G, Shu J, **Ralston JD**, Taylor VM, Jackson JC, Yasui Y, Tu S. Knowledge of cervical cancer risk factors among Chinese immigrants in Vancouver, BC. Ethn Health. 2004 Aug;9(3):267-81.
35. **Ralston JD**, Revere D, Robins LS, Goldberg HI. Patient experience with a diabetes support program based on an interactive electronic medical record: qualitative study. BMJ 2004 May 15;328(7449):1159. PMID: PMC411089.
36. Goldberg HI, **Ralston JD**, Hirsch IB, Hoath JI, Ahmed KI. Using an Internet comanagement module to improve the quality of chronic disease care. Jt Comm Qual Saf. 2003;29(9):443-451.
37. **Ralston JD**, Taylor VM, Yasui Y, Kuniyuki A, Jackson JC, Tu S. Knowledge of cervical cancer risk factors among Chinese immigrants in Seattle. J Community Health. 2003;28(1):41-57. PMID: PMC1618780.
38. **Ralston JD**, Hampson NB. Incidence of severe unintentional carbon monoxide poisoning differs across racial/ethnic categories. Public Health Rep. 2000;115:46-51.

Other Peer-Reviewed Scholarly Publications

1. **Ralston JD**, Larson EB. Crossing to Safety: Transforming healthcare organizations for patient safety. J Postgrad Med. 2005 Jan-Feb;51(1):61-7.

Other Non-Peer-Reviewed Scholarly Publications

1. Greene S, Larson E, Boudreau D, Johnson K, **Ralston JD**, Reid R, Fishman P. The Coordinated Clinical Studies Network: a multidisciplinary alliance to facilitate research and improve care. Perm J. 2005 Fall;9(4):33-35.

PATENTS AND OTHER INTELLECTUAL PROPERTY

HealthReach Mobile, BSD Open Source Software License for configuration of a University of Washington Mobile Electronic Shared Medical Record for Patients with Diabetes 2009.

FUNDING HISTORY

Current Research Funding

1. Co-Investigator – “Long-Term Outcomes and Costs of Web-Based Hypertension Care (e-BPLT).” 12/1/2009 – 11/30/2013. NHLBI. Beverly Green, Principal Investigator.
2. Co-Investigator – “Patient Portal to Support Treatment Adherence.” 03/06/2008 – 02/28/2013. NIMH. 20% FTE. Sheryl L. Catz, Principal Investigator.
3. Co-Investigator – “Genetic Discovery and Application in a Clinical Setting: Continuing a Partnership.” 08/15/2011- 07/31/2015. National Human Genome Research Institute. Eric Larson and Gail Jarvik, Principal Investigators.
4. Co-Investigator – “Formative Evaluation of GHC's New Model of Care.” 02/01/2013 – 12/31/2013. GHRI Development Fund. Ed Wagner, Principal Investigator
5. Clinical Expert – “The Primary Care Team: Learning from Effective Practices.” 02/01/2012 – 07/31/2014. 12% FTE. Ed Wagner, Principal Investigator.
6. Co-Investigator – “Comprehensive Primary Care Initiative.” 08/01/2012 – 05/31/2017. 16% FTE. Brown, Principal Investigator.

Past Research Funding

James D. Ralston, M.D., M.P.H.

1. Co-Investigator: "Preliminary Studies Using Psychotherapy Referral Data for Use in Patient-Centered Outcomes Research" – 01/01/2012-12/31/2012. GHRI Development Fund. Rob Penfold, Principal Investigator
2. Principal Investigator: Research Infrastructure and Collaboration for Evaluation of Personal Health Engagement Programs" – 01/01/2012-12/31/2012. GHRI Development Fund.
3. Co-Investigator: "System-level Tools for Helping Doctors and Patients Know Cancer Treatment Costs in Real Time" – 05/01/2012-12/31/2012. GHRI Development Fund. Nora Henrickson, Principal Investigator
4. Co-Investigator: Medications and Outcomes. R21 HS019501. Agency for Healthcare Research and Quality, 9/30/2010-9/29/2012. Direct Costs: \$201,112. David Grembowski, Principal Investigator.
5. Co-Investigator, Open Notes in Primary Care, Robert Wood Johnson Foundation. 6/1/2009-11/30/2011. 10% FTE. Tom Delbanco, Principal Investigator.
6. Principal Investigator – Agency for Healthcare Research and Quality RO1, "Shared Medical Records and Chronic Illness Care" – 05/01/07-04/30/12. 25% FTE. \$1.1 million.
7. Principal Investigator, Mobile MyGroupHealth. GHRI Development Fund, 2011-2011. Direct Costs: \$98,962
8. Co-Investigator –NIH, "Optimal Assessment of HAART Adherence in Routine Clinical Care" – 01/01/08-08/31/10. 15% FTE. Heidi Crane, Principal Investigator.
9. Co-Investigator –NIH, "Pilot Trial of Depression Care by Secure Messaging" – 08/01/08-07/31/2011. 7.5% FTE. Gregory Simon, Principal Investigator.
10. Principal Investigator – Robert Wood Johnson Foundation, "Project Health Design, Phase II: Connecting Patients and Providers to Improve Diabetes Care: Assessing Provider-Side Implementation Feasibility of a Mobile Personal Health Application" – 01/01/09-011/30/09. 10% FTE. \$48,044.
11. Principal Investigator, Technology mediated primary care-specialty care interaction. Group Health CHS Development Fund. 1/1/2009 to 12/31/2009. 5% FTE. \$64,076.
12. Co-Investigator – Agency for Healthcare Quality and Research- R21, "Diabetes Mellitus, Comorbid Conditions and Mortality" – 09/01/08-9/29/09. 12.5% FTE. David Grembowski, Principal Investigator.
13. Principal Investigator – Robert Wood Johnson Foundation, "Project Health Design" – 01/01/07-2/28/09. 13-21% FTE. \$299,916.
14. Principal Investigator – Robert Wood Johnson Foundation, "Home-based Management of Chronic Disease: the NICHE Consortium" – 09/01/05-02/28/09. 8% FTE. \$249,124.
15. Co-Investigator – Agency for Healthcare Research and Quality, "Evaluation of Group Health's Access Initiative" – 11/1/2006-10/30/2008. 15% FTE. David Grembowski, Principal Investigator
16. Principal Investigator, California Healthcare Foundation, Supplement to Project Health Design, "Using Interoperable Mobile Phone Applications to Manage Daily Events in Diabetes Care". 5% FTE 02/15/08-05/31/08 \$25,000.
17. Co-Investigator – National Heart, Lung, and Blood Institute R01, "Electronic Communications and Home Blood Pressure Monitoring" – 7/1/2004-6/30/2008. 20% FTE. Beverly Green, Principal Investigator.
18. Principal Investigator – Agency for Healthcare Research and Quality – R03, "Secure Messaging and Chronic Illness Care" – 9/1/2004-12/30/2005. 20% FTE. \$99,000.
19. Principal Investigator – Group Health Cooperative Director's Fund, "Infrastructure for Research In Clinical Decision Support" – 10/01/05-03/31/07. 15% FTE.
20. Co-Investigator – Robert Wood Johnson Foundation, "A Randomized Controlled Trial of Diabetes Disease Management Over the Internet" – 10/01/03-02/28/06. 10% FTE. Harold I. Goldberg, Principal Investigator.
21. Co-Investigator – Aventis-Pasteur, "Outcomes and Cost Consequences of Using an Internet Co-Management Module to Improve Quality of Type 1 Diabetes Care" – 7/1/2004-6/30/2006. 10% FTE. Harold I. Goldberg, Principal Investigator.
22. Co-Investigator – Robert Wood Johnson Foundation, "Evaluation of Group Health's Access Initiative" – 11/1/2004-10/30/2006. 20% FTE. David Grembowski, Principal Investigator.
23. Co-Investigator responsible for information technology deliverables – National Heart, Lung, and Blood Institute Contract, "Re- engineering the Clinical Research Enterprise: Feasibility of

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Integrating and Expanding the Clinical Research Networks” – 10/1/2004-9/30/2007. 15% FTE. Eric B. Larson, Principal Investigator.

24. Co-Investigator – Center for Health Management and Research, “A Randomized Controlled Trial of Diabetes Disease Management Over the Internet” – 10/1/2003-11/1/2004. Harold I. Goldberg, Principal Investigator.
25. Fellowship trainee and Masters in Public Health student – T32 National Research Service Award (NRSA), “AHRQ Institutional Training Grant” – 2000-2003 – Eric B. Larson, Principal Investigator.

SELECTED CONFERENCES AND SYMPOSIA

1. Invited speaker, Open Notes: Toward Further Transparency In Healthcare. Academy Health Annual Meeting, June 2011.
2. Invited testimony, Meaningful Use Workgroup for Electronic Health Records, Office of the National Coordinator for Health Information Technology. April 2010 Washington DC.
3. Invited participant, Building Bridges: Consumer Needs and the Design of Health Information Technology, Agency for Healthcare Research and Quality, July 27-28, 2009.
4. Invited panelist, Policy Implications of Personal Health Records, Project HealthDesign Expo, September 2008, Washington DC.
5. NIBIB/NHLBI/NSF Workshop on point of care technologies. Patient Portals: Connecting Clinicians and Patients at Home: Crystal City, Maryland. April 12, 2006.
6. Invited speaker, MyGroupHealth Web Portal and Shared Medical Records with Patients. AHRQ Annual Patient Safety and Health Information Technology Conference, Washington DC. May 2006.
7. Invited public testimony: American Health Information Community: AHIC Chronic Care Working Group: Shared Electronic Medical Records Between Patients and Providers. August 16th, 2006.
8. Invited speaker. MyGroupHealth: Connecting Patients and Providers. Markle Foundation’s Connecting for Health, Annual National Meeting on Personal Health Records. Washington DC. December 2006.
9. Invited speaker and panel lead, Patient Centered Information Technology: Promises and Pitfalls. American Medical Informatics Association Annual Meeting, Washington DC. October 2005.
10. Invited speaker, Crossing to Safety: Transforming Healthcare Organizations for Patient Safety. Washington State Society for Healthcare Engineering, Yakima, Washington. September 2005.
11. Invited speaker, Research and Patient-Centered Informatics Design at Group Health Cooperative. Office of the National Coordinator for Health Information Technology. Washington DC. July 2005.
12. Invited speaker, Patient Centered Information Technology at Group Health Cooperative. AHRQ Annual Patient Safety and Health Information Technology Conference, Washington DC. May 2005.
13. Moderator, Table Topic on Patient Portals. AHRQ Annual Patient Safety and Health Information Technology Conference, Washington DC. May 2005.
14. Invited speaker, “Web services for patients at Group Health Cooperative.” Connecting for Health, A Public Private Collaborative. Agency for Healthcare Research and Quality, Rockville Maryland, May 2004.
15. Topic Expert in Personal Health, National Health Information Infrastructure, Washington D.C. 2004.
16. Topic Expert in Health Information Technology and Chronic Care, Improving Chronic Illness Care, National Meeting. 2004.
17. Invited speaker, “Patient experience using a diabetes support program based on the electronic medical record.” Society of General Internal Medicine, National Meeting, Vancouver BC, May 2003; HMO Research Network, Dearborn MI, May 2004.
18. Member, Expert Evaluation Group, CMS Chronic Disease Registry Evaluation. Baltimore, MD, 2003.

PROFESSIONALLY-RELATED COMMUNITY SERVICE

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|--|--------------|
| Member, Clinical Information Oversight Committee,
Group Health Permanente | 2003-present |
| Member, Safety Monitoring Committee, NIH phase I randomized study | 2010-present |

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of the safety, dose escalation, and immunogenicity of adjuvanted influenza A/Anhui/H5 boosting in subjects previously immunized with one or two doses of A/Vietnam/1203/04 or in unprimed individuals and compared to placebo

Member, Safety Monitoring Committee, NIH Phase I/II randomized study of the safety and immunogenicity of vaccination strategies using one or two clades and different schedules of H5N1 unadjuvanted, inactivated subvirion influenza vaccines in H5 naïve healthy adults.	2008-2010
Personal Health Record Collaborator Network	2005
Member, Connecting for Health, A Markle Foundation public-private collaborative to bring the American healthcare system into the information age.	2004
Chair, Clinical Information Oversight Committee, Center for Health Studies, Group Health Cooperative	2003-2006
Member, Health Informatics Strategic Planning Team, Group Health Cooperative	2003-2006
Member, Patient Safety Committee, Group Health Cooperative	2004-2006
Member, Quality Assurance Committee, Virginia Mason Medical Center, Seattle WA	1997-1998
Member, Educational Policy Committee, Virginia Mason Medical Center, Seattle WA	1997-1998
Member, Hospitalist Development Committee, Virginia Mason Medical Center, Seattle WA	1997-1998
Member, Housestaff-Nursing Committee, Virginia Mason Medical Center, Seattle WA	1997-1998
Member, Pharmacy and Therapeutics Committee, Virginia Mason Medical Center, Seattle WA	1994-1995
Member, Medical Student Infection Control Committee, University of Washington School of Medicine, Seattle WA	1993-1994

TEACHING HISTORY

Guest Lectures

- Biomedical and Health Informatics Lecture Series, U. of Washington
 - a. Inviting patients to read their doctor's notes: a quasi-experimental study, Fall 2012
 - b. Personal Health Records: Promises, Policies and Pitfalls, Spring 2011
 - c. Designing and testing mobile technologies for diabetes care at UW, Fall 2008
 - d. Testing a new paradigm of chronic care through the Northwest Immersive Computing Health Environments Consortium (NICHE), Fall 2007
- Health Services PhD Seminar, U. of Washington
 - a. Mobile technologies for diabetes care, promises and pitfalls, Fall 2008.
 - b. eHealth and changing the paradigm of care, Fall 2006
- Health Services Physician Fellow Seminar, U. of Washington
 - a. Mobile technologies for diabetes care, Fall 2008
 - b. eHealth and changing the paradigm of care, Fall 2006
 - c. Web portals and care of chronic conditions, Fall 2004
- School of Nursing, U. of Washington
 - Diabetes self management support between office visits, Spring 2007

Other Teaching

Introduction to Clinical Medicine I (ICM I), Small Group Leader, University of Washington School of Medicine, Seattle WA	7/01 – 7/03
Introduction to Clinical Medicine II ICM II Small Group Leader, University of Washington School of Medicine, Seattle WA	7/00 – 6/01
Group Facilitator, "Working with Patients--Survival Skills", ICM II, University of Washington School of Medicine, Seattle WA	2000 - 2001

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Faculty Examiner, Physical Exam, ICM I, University of Washington School of Medicine, Seattle WA	2001 - 2002
Attending Hospitalist, Virginia Mason Medical Center, Seattle WA,	2000 - 2003
Chief Medical Resident, Virginia Mason Medical Center, Seattle WA	1997 - 1998
Medical Student Tutor, Anatomy and Embryology, University of Washington School of Medicine, Seattle WA	1991
ADVISING AND FORMAL MENTORING	
PhD Dissertations, Chair or Co-Chair	
Candidate Lynne Harris, U. of Washington School of Public Health Department of Health Services	8/05 – 6/2012
Katherine Blondon, MD, U of Washington School of Public Health, Department of Health Services	2011-- present
Master Theses, Chair	
MPH candidate William Weppner MD, U. of Washington School of Public Health Department of Health Services	11/07 – 07/09
MPH candidate Tina Neogi, MD, U. of Washington School of Public Health Department of Health Services	7/12 – present
MS and PhD Committees in Non-Chair Roles	
Member, PhD Dissertation Committee, candidate Walter H Curioso, MD U. of Washington Department of Biomedical and Health Informatics	12/08 – 6/12
Member, PhD Dissertation Committee, Kelly McCrarrier U. of Washington School of Public Health, Department of Health Services	11/06 – 07/09
Member, PhD Dissertation Committee, James Tufano U. of Washington Department of Biomedical and Health Informatics	11/06 – 07/09
Other Mentoring	
Mentorship of Tung Le, Masters of Science, U. of Washington Department of Biomedical and Health Informatics	2006-2008
Mentorship of Robert Wood Johnson Clinical Scholar, Tammy Linn U. of Washington School of Medicine	7/03 - 7/04
OTHER PROFESSIONAL RESPONSIBILITIES AND SERVICE ACTIVITIES	
Reviewer, American Medical Informatics Association Annual Meeting,	2010--present
Abstract Reviewer, Medicine 2.0: Social Networking and Web 2.0 Applications in Medicine and Health, International, Conference Toronto Canada, 2008	
Briefed staff in five federal legislator's offices in Washington DC (including Murray, Cantwell, McDermott) on importance of patient-centered policies for personal health records. July, 2008	
Selected to present to RWJF Board of Trustees in Seattle on use of the Chronic Care Model with new communication technologies, 2008	
OTHER VOLUNTEER SERVICE	
Medical Advisor, Steven's Pass Ski Patrol	2004- 2011