

CURRICULUM VITAE

1/22

NAME: Leif Ivar Solberg

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EDUCATION:

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| 1960 | Bachelor of Arts, University of Minnesota Minneapolis, Minnesota |
| 1963 | Doctor of Medicine, University of Minnesota Minneapolis, Minnesota |
| 1963-64 | Medical Intern, University of Maryland Hospital |
| 1964-66 | Medical Resident, University of Maryland Hospital |
| 1966-68 | Gastroenterology Fellow, Hospital of the University of Pennsylvania |

CURRENT PROFESSIONAL POSITIONS:

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| 2015- | Senior Advisor HealthPartners Park Nicollet Care Group |
| 1998-2014 | Associate Medical Director for Care Improvement Research HealthPartners Medical Group |
| 1998- | Director for Care Improvement Research HealthPartners Institute for Education and Research |
| 1998- | Clinical Professor Department of Family Medicine & Community Health, University of Minnesota |
| 1994- | Senior Research Investigator, HealthPartners Research Foundation |

PAST PROFESSIONAL POSITIONS:

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| 1968-70 | Investigator, Walter Reed Army Institute of Research |
| 1970-71 | Member, Project AMOS of U.S. Army, Fort Belvoir, Virginia |
| 1971-72 | Director, Project AMOS |
| 1972-73 | Private Practice, Kensington, Maryland |

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| 1973-74 | Instructor, Department of Community Medicine, Georgetown University, Washington, D.C. |
| 1974-87 | Assistant Professor, Department of Family Practice and Community Health, Medical School, University of Minnesota |
| 1987-89 | Associate Professor, Department of Family Practice and Community Health, Medical School, University of Minnesota |
| 1983-92 | Associate Medical Director for Quality Improvement, Blue Plus/BCBSM (Full-time 1990-92) |
| 1984-94 | Editor, Family Practice Research Journal |
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| 1967-68 | Medical Advisor, Burlington County Community Action Program |
| 1970-72 | Medical Advisor, Blackman's Development Center Drug Cure Program, Washington, D.C. |
| 1981-84 | Associate Editor, Family Practice Research Journal |
| 1987 | Visiting Professor, Universidad Autonoma de Guadalajara, Guadalajara, Mexico |
| 1989 | Visiting Professor, Municipal Health Department, Barcelona, Spain (3 months) |
| 2000 | Visiting Professor, Dept. of Family Med, University of Missouri-Columbia |

OTHER PAST POSITIONS:

ACTIVITIES AND RESPONSIBILITIES:

National Expert Panels

- US Preventive Services Task Force Technical Expert Panel
- Online Expert Panel for Defining Continuous Quality Improvement (CQI) in Health Care
- National Action Alliance for Suicide Prevention Research Task Force – Expert
- Expert Panel for AHRQ Integration Quality Measures member (for primary/specialty mental health care)
- Medicare Health Outcomes Survey Patient Reported Outcomes Technical Expert Panel
- Health Research and Educational Trust (HRET), Technical Expert Panel for the AHRQ-funded Culture, Value, and Efficiency study

Reviewer for JAMA, Inquiry, Jt Comm J Qual

Safety, Ann Fam Med, Ann Int Med, Qual Safety Health Care, Am J Pub Health, Med Care, Mayo Clin Proc, Tob Control, Prev Med, Am J Prev Med, Am J Man Care, Inter J Qual Improv, J Am Bd Fam Pract, Nic Tob Research, J Gen Int Med, BMJ, New Eng J Med, JAMA Int Med, Gen Hosp Psych, BMC Med, BMC FP, Milbank Quarterly, Pediatrics, J Behavioral Med, BMJ Qual & Safety, Can Med Assoc J, Diab Care, Inquiry, Academic Pediatrics, J Rural Health Care, J Women's Health, and Lancet

Peer-Reviewed Journal Positions

- Associate Editor, Family Practice
- Editorial Board, Implementation Science (BioMed Central)

Institute for Clinical Systems Improvement

- Alternate member, Board of Directors
- Member, Preventive Services Committee

HealthPartners Institute

- Member, Research Council
- Member, Research Committee

HealthPartners

- Member, Quality Measurement Committee
- Member, Preventive QI Committee
- Senior Advisor

Minn. Academy of Family Physicians

- Corporate Advisory Council – liaison for HPMG and HP
- MAFP Foundation – member, Board of Directors

MN Community Measurement

- Health Care Home technical Advisory work Group – member

MN Department of Health

- Health Care Home Performance Measurement Committee – member

MN Shared Decision-Making Collaborative

- Steering Committee – member

Mental Health Research Network

- Steering Committee – member
- Dissemination and Implementation Special Interest Group – co-leader
- Partner organization integration - leader

Midwest Research Network

- Mental Health Interest Group – co-chair

HONORS:

B.A., Summa Cum Laude
Phi Beta Kappa
Alpha Omega Alpha
Army Commendation Medal

1989 Minnesota Department of Health Award for Outstanding Achievement in Health Promotion Programming - to Doctors Helping Smokers
1995 Researcher of the Year Award - HealthPartners
1997 Physician Research Recognition from Minnesota Physician Publishing, Inc.
2001 HealthPartners Medical Group Excellence in Research Award
2004 Minnesota Academy of Family Physicians (MAFP) Researcher of the Year Award
2005 HealthPartners Institute for Education and Research Founders Award
2008 University of Minnesota Medical Alumni Society Distinguished Alumni Award
2015 Maurice Wood Award for Lifetime Contribution to Primary Care Research from the North American Primary Care Research Group (NAPCRG)
2017 Member – National Academy of Medicine
2019 – Annals of Internal Medicine – top reviewer

LICENSURE: Minnesota
BOARDS: Diplomate of American Board of Family Practice (1976-2010)

MEMBERSHIPS: Hennepin County and Minnesota Academy of Family Physicians
American Academy of Family Physicians
North American Primary Care Research Group
Academy for Healthcare Improvement

SPECIAL INTERESTS: Quality Improvement
Implementation and organizational change
Health promotion/disease prevention, especially tobacco cessation
Chronic disease management
Integrating research and practice
Guidelines and performance measurement

FUNDED RESEARCH:

Opioid Use Disorder Clinical Decision Support (COMPUTE 2.0) – Interim. Hennepin Healthcare Research Institute. \$1,534,482 over two years (Rossom - PI) – 2018

Optimizing the Value of PROMs in Improving Care Delivery through Health Information Technology. Funded by AHRQ for \$1,921,280 over five years. Principal investigator - 2017

Identifying Primary Care Practice Components Leading to Optimal Diabetes Care in Patient-Centered Medical Homes. Funded by University of Minnesota for \$222,580 over three years. (Peterson-PI) - 2016

Pragmatic Trial Comparing Telehealth Care and Clinic-based Care for Uncontrolled High Blood Pressure (Hyperlink-3). Funded by Patient-Centered Outcomes Research Institute for \$4,438,976 over six years (Karen Margolis-PI) - 2016

Integrated Versus Referral Care for Complex Psychiatric Disorders in Rural FQHCs. Funded by University of Washington for \$92,889 over four years. (Fortney-PI) - 2016

ESCALATES. Evaluation of AHRQ Initiative to Accelerate the Dissemination and Implementation of PCOR Findings into Primary Care Practice. Funded by AHRQ for \$13,488,000 (\$1.18 million to HealthPartners) over 4 years. Co-Investigator and lead of Dissemination and Engagement - 2015

Partnership for Dose: Optimizing Radiation Dosage from CT Exams Clinical Trial. Funded by NIH for \$6.2 million over 5 years. Co-Investigator and lead for implementation evaluation (Rebecca Smith-Bindman at UCSF – PI). 2014

Mental Health Research Network II. Funded by NIMH for \$9.7 million over 5 years. Co-Investigator and lead for health system engagement. (Greg Simon at Group Health – PI) - 2014

COMPASS: Care Management of Mental and Physical Comorbidities: A Triple Aim Bullseye. Innovation award from CMS for \$18 million over 3 years. Evaluation Director (Sanne Magnan at ICSI – PI) - 2012

PIONEER: Measuring Patient Outcomes from High Tech Diagnostic Imaging Studies. Funded for \$672,000 over 2 years by PCORI. PI - 2012

Appropriateness and Results of Advanced Diagnostic Imaging Orders for Patients with Abdominal Pain: A Pilot Study. Funded as internal grant by HealthPartners Institute. PI - 2011

TransforMN: Evaluating Statewide Transformation of Primary Care to Medical Homes. Funded by AHRQ for \$596,000 over 3 years by AHRQ. PI – 2010.

Understanding the Transformation Experience of Small Practices with NCQA's Medical Homes. Co-PI (Sarah Hudson Scholle, PhD - PI) - 2010

AHRQ Task Order: Assessing the Impact of the Patient-Centered Medical Home (PCMH). Funded for \$92,000 over 18 months. PI - 2008

Pilot Study of High Tech Diagnostic Imaging Decision Support. Funded for \$25,000 over 1 year by HealthPartners Institute for Education and Research as internal grant. PI – 2007

DIAMOND STUDY: Evaluation of a Natural Experiment to Improve Statewide Depression Care in Minnesota. Funded for \$3.0 million over 5 years by the National Institute of Mental Health/NIH/DHHS. PI – 2007

Retail Clinics: Disruptive Innovation or Just Plain Disruption? Funded for \$21,000 over 1 year by the California Health Care Foundation. PI - 2007

Integrated Delivery Systems and Quality Of Care. Funded for \$94,000 over 1 year by the Council of Accountable Physician Practices (CAPP). PI – 2006

Using Public Accountability Measures to Improve Quality of Care. Funded for \$25,000 over 1 year by HealthPartners Institute for Education and Research as internal grant. Co-Investigator (Patrick O'Connor, MD – PI) - 2006

Shared Decision Making: Informed Choice for Uterine Fibroids Treatment Decisions. Funded for \$80,500 over 2 years by the Foundation for Informed Decision Making. PI – 2006

Assessment of Disparities in Tobacco Use and Treatment. Funded for \$115,000 over 2 years by ClearWay Minnesota (Formerly MPAAT). PI – 2006

Developing Instruments for Decision Quality Measurement. Funded for \$25,000 over 1 year by HealthPartners Institute for Education and Research as internal grant. Co-Investigator PI - 2006

Pilot Study for Comparison of Geriatric Care Team vs. Usual Care Delivery of Medical Services for Residents in Assisted Living Settings. Funded for \$25,000 over 1 year by HealthPartners Institute for Education and Research as internal grant. Co-Investigator (Robin Whitebird, PhD – PI) – 2005

Pilot Study of the Significance of Patient Reports of Medical Errors. Funded for \$22,000 over 18 months by HealthPartners Institute for Education and Research as internal grant. PI – 2004

Tobacco Use and Cessation Among Young Adult Enrollees of a Large Managed Care Organization. Funded for \$278,000 over 2 years by the Minnesota Partnership for Action Against Tobacco (MPAAT). Co-Investigator (Maribet McCarty, PhD, RN – PI) – 2004

Testing Incentives & Systems Improvement Collaboratives for Depression Care: Funded for \$300,000 over 3 years by RWJ Foundation. PI – 2004

Testing the Practice Systems Assessment Survey for Evaluating the Chronic Care Model in Practice (PSAS Phase I). Funded for \$288,000 by RWJ over 15 months for collaborative studies with NCQA. Co-PI (Greg Pawlson at NCQA – PI) – 2003 and 2004

Practice Systems Assessment Survey External Validation (PSAS Phase II). Funded for \$400,000 by RWJ over 24 months for collaborative studies with NCQA. Co-PI (Greg Pawlson at NCQA – PI) – 2003 and 2004

Priorities Among Recommended Clinical Preventive Services: Phase II; funded for \$225,000 over 3 years by CDC. Co-Investigator (Michael Maciosek, PhD – PI) – 2002

Developing Data to Monitor and Reduce Emergency Department Overcrowding; funded for \$186,000 over 11 months by an AHRQ task order. Co-Investigator (Brent Asplin, MD – PI) – 2002

Helping Prepared Smokers (Project HELP); funded for \$500,000 over 3 years by the Robert Wood Johnson Foundation ATMC Program. Co-Investigator (Raymond Boyle, PhD – P.I.) – 2001

Relationship of Provider Group Characteristics to Quality of Care and Medication Errors in Ambulatory Care Setting (Patient Safety Task Order) – Medgroups Project; funded for \$140,000 over 18 months by an AHRQ task order. Local PI (Floyd Frost at Lovelace Research Institute – overall PI) – 2002

Chronic disease and Access changes Need Good Evaluation (CHANGE); funded for \$500,000 over 4 years by The Robert Wood Johnson Foundation ICIC Program. PI – 2001

HMOs Investigating Tobacco (HIT); funded for \$950,000 over 4 years by NCI through the Cancer Research Network (CRN) - Co-Principal Investigator (Vic Stevens, PhD – P.I.) – 1999

Towards Reducing Cervical and Late Stage Breast Cancer (DETECT); funded for \$1.5 million over 3 years by NCI through the Cancer Research Network (CRN) – Co-Investigator (Stephen Taplin, MD, MPH – P.I.) – 1999

BHCAG Initiative Evaluation Project; funded for \$25,000 over 18 months by The Robert Wood Johnson Foundation through the University of Minnesota – Co-Investigator (Jon B. Christianson, PhD, P.I.) – 1999

Tobacco Coverage Study; funded for \$500,000 over 26 months by the Robert Wood Johnson Foundation ATMC Program. Co-Investigator (R. G. Boyle, PhD - P.I.) – 1999

Organizational Characteristics and Chronic Disease Care (QUEST); funded for \$1.2 million over 3 years through the Agency for Research & Quality – Co-Investigator (Patrick J. O'Connor, MD, MPH - P.I.) – 1999

Guideline Implementation Study (GUIDO); funded for \$75,000 over 1 year by ICSI - Principal Investigator - 1998

Depression is a Manageable Disorder (DIAMOND): A Demonstration and Evaluation Project; funded for \$298,682 over 2 years by The John D. and Catherine T. MacArthur Foundation - Principal Investigator - 1998

Improving Diabetes Care through Empowerment, Active Collaboration and Leadership (IDEAL); funded for \$2.7 million over 5 years by the Centers for Disease Control and Prevention - Co-Investigator (D. Bishop, Ph.D. - P.I.) - 1994

Improving Disease Prevention in Primary Care (IMPROVE); funded for \$3.8 million over 4 years by the Agency for Health Care Policy and Research - Principal Investigator – 1993, Grant #HS08091

Health Education and Research Trial (HEART); funded for \$3.5 million over 5 years by NHLBI. Co-Principal Investigator (P. McBride, M.D. - P.I.) – 1992, Grant #HL47554

Smoking Cessation Strategies for Minorities; funded for \$750,000 over 3 years by NHLBI - Co-Investigator (K. Johnson, MPH - P.I.) – 1989, Grant #HL47554-01A1

A Physician-based Nutrition Program to Lower CHD Risk; funded for \$2.2 million over 5 years by NIH (NHLBI) - Co-Investigator (D. Hunninghake, M.D. - P.I.) – 1986, Grant #HL36889

New Patient Survey; funded for \$2,039 by Family Health Foundation of America - Principal Investigator – 1984

Smoking Cessation in Physicians' Offices; funded for \$1.5 million over 5 years by NIH (NCI) - Co-Principal Investigator (T. Kottke, M.D. - P.I.) – 1984, Grant #CA38361

Establishment of a Statewide Practitioner-Based Research Network; funded by a \$3,900 grant from AAFP - Principal Investigator – 1983

BIBLIOGRAPHY

REFEREED JOURNAL ARTICLES

1. **Solberg LI**, Brooks FP. Cholinergic control of rabbit pancreatic secretion. *Am J Dig Dis* 1969;14:782-787.
2. Powell DW, Plotkin GR, **Solberg LI**, Catlin DH, Maenza RM, Formal SB. Experimental diarrhea II: Glucose stimulated sodium and water transport in rat salmonella enterocolitis. *Gastroenterology* 1971;60:1065-1075.
3. Powell DW, Plotkin GR, **Solberg LI**, Catlin DH, Maenza RM, Formal SB. Experimental diarrhea III: bicarbonate transport in rat salmonella enterocolitis. *Gastroenterology* 1971;60:1976-1986.
4. Powell DW, Plotkin GR, **Solberg LI**, Catlin DH, Maenza RM, Formal SB. Intestinal water and electrolyte transport in rat salmonella enterocolitis. *Gastroenterology* 1971;60:1053-1064.
5. Sobczyk R, Braunstein ML, **Solberg LI**, Schuman SH. A case control survey and dysmenorrhea in a family practice population: a proposed disability index. *J Fam Pract* 1978;7:285-290.
6. **Solberg LI**, Johnson JM. The office nurse - a neglected but valuable ally. *Fam Pract Res J* 1982;2(2):132-141.
7. **Solberg LI**, Mayer TR, Seifert MH, Cole PM. The Minnesota Academy of Family Physicians Research Panel: a model for collaborative practicing family physician research. *Fam Med* 1983;15(4):139-142.
8. Mayer TR, **Solberg LI**, Seifert MH, Cole PM. After-hours telephone calls in the private family practice. *J Fam Pract* 1983;17:327-332.
9. Mayer TR, **Solberg LI**, Seifert MH, Cole PM. Family practice after-hours telephone use. *J Ambulatory Care Manage* 1983;6:14-19.
10. **Solberg LI**. Defining your practice for research - is there a denominator problem? *Fam Pract Res J* 1984;4(1):54-61.
11. **Solberg LI**, Mayer TR, Seifert MH, Cole PM, Holloway RL. Office telephone calls in family practice. *J Fam Pract* 1984;18(4):609-616.
12. **Solberg LI**. Lassitude - a primary care evaluation. *JAMA* 1984;251(24):3272-3276. (Also selected by the Italian, French, and Flemish editions.)
13. **Solberg LI**, Potter AC, Flexner WA. Market research in medical practice: a case study of one practice's site survey. *Postgrad Med* 1985;77(4):317-327.
14. **Solberg LI**, Solberg JE. Questionnaire instructions - does anybody read them? *Fam Med* 1986;18(2):78-80.
15. **Solberg LI**, Cole PM, Seifert MH Jr. The Minnesota Academy of Family Physicians Research Network - a vehicle for practice-based research. *Minn Med* 1986;69:599-601.

16. Kottke TE, Blackburn H, Brekke ML, **Solberg LI**. The systematic practice of preventive cardiology. *Am J Cardiol* 1987;59:690-694.
17. Peterson MC, Holloway RL, **Solberg LI**. Assessment by patients of their health education needs. *Fam Pract Res J* 1987;6:158-164.
18. Venters MH, **Solberg LI**, Kottke TE, Brekke ML, Pechacek TF, Grimm RH Jr. Smoking patterns among social contacts of smokers, ex-smokers, and never-smokers: Doctors Helping Smokers Study. *Prev Med* 1987;16:626-635.
19. **Solberg LI**, Kottke TE. Doctors helping smokers: a new way to intervene. *Minn Med* 1988;71:413-414,441.
20. Kottke TE, **Solberg LI**, Maxwell PL. Smoking cessation strategies and evaluation. *J Am Coll Cardiol* 1988;12:1105-1110.
21. Kottke TE, Brekke ML, **Solberg LI**, Hughes JR. A randomized trial to increase smoking interventions by physicians: Doctors Helping Smokers, Round I. *JAMA* 1989;261(14):2101-2106.
22. **Solberg LI**, Nesvacil LJ, Stoller JE. Patient education by a family nurse as a model for training residents. *Fam Pract* 1989;6(2):114-119.
23. **Solberg LI**, Peterson KE, Ellis RW, et al. The Minnesota project: a focused approach to ambulatory quality assurance. *Inquiry* 1991;27:359-367.
24. Kottke TE, **Solberg LI**, Brekke ML. Beyond efficacy testing: introducing preventive cardiology into primary care. *Am J Prev Med* 1990;6(suppl 1):77-83.
25. Nebot M, **Solberg LI**. Una intervencion integral sobre el tabaquismo en atencion primaria: el Proyecto de ayuda a los fumadores (The helping smokers project: an integrated intervention in primary care). *Atencion Primaria* 1990;7:698-702.
26. Kottke TE, **Solberg LI**, Brekke ML, Maxwell PL. Smoking cessation intervention strategies for the clinician. *Qual Life Cardiovasc Care* 1990, Fall;86-93.
27. Council on Scientific Affairs, AMA. Education for Health: A role for physicians and the efficacy of health education efforts. *JAMA* 1990;263(13):1816-1819.
28. **Solberg LI**, Maxwell PL, Kottke TE, Gepner GH, Brekke ML. A systematic primary care office-based smoking cessation program. *J Fam Pract* 1990;30:647-654.
29. Kottke TE, **Solberg LI**, Conn SA, Maxwell PL, et al. A comparison of two methods to recruit physicians to deliver smoking cessation interventions. *Arch Intern Med* 1990;150:1477-1481.
30. Venters MH, Kottke TE, **Solberg LI**, Brekke ML, Rooney B. Dependency, social factors, and the smoking cessation process: Doctors Helping Smokers Study. *Am J Prev Med* 1990;6:185-193.
31. Kottke TE, **Solberg LI**, Brekke ML. Initiation and maintenance of patient behavioral change: What is the role of the physician? *J Gen Intern Med* 1990;5(suppl):562-567.
32. Stanford JB, **Solberg LI**. Rural patients' interests in preventive medical care. *J Am Board Fam Pract* 1991;4(1):11-17.
33. Kottke TE, **Solberg LI**. Incorporating smoking interventions into medical practice: taking the next step. (Editorial) *J Gen Intern Med* 1991;6:94-95.

34. Ballestin M, **Solberg LI**. Tabaquismo: una intervencion integral (The tobacco habit. An integral intervention)]. *Rev Rol de Enfermeria* 1991;151:21-26.
35. Parkinson MD, Schaffler HH, Kottke TE, Curry SJ, **Solberg LI**, et al. Report of the Tobacco Policy Research Study Group on reimbursement and insurance in the United States. *Tob Control* 1992;1:S52-S56.
36. Lando HA, Johnson KM, McGovern PG, Graham-Tomas RP, **Solberg LI**. Urban Indians' Smoking patterns and interest in quitting. *Public Health Rep* 1992;107:340-344.
37. Kottke TE, **Solberg LI**, Brekke ML, Conn SA, Maxwell PM, Brekke MA. A controlled trial to integrate routine smoking cessation advice into primary care practice: Doctors Helping Smokers, Round III. *J Fam Pract* 1992;34:701-708.
38. **Solberg LI**. Implementing smoking cessation in daily practice. *Cardiovasc Risk Factors* 1993, July;13-15.
39. Kottke TE, **Solberg LI**, Knapp JM. Community and clinical strategies for tobacco control. *Cardiovasc Risk Factors* 1993, July;3(4):4-12.
40. Kottke TE, Brekke ML, **Solberg LI**. Making "time" for preventive services. *Mayo Clinic Proc* 1993;68:785-791.
41. **Solberg LI**. CQI as a research focus. *Fam Pract Res J*. 1993 Sep;13(3):201-3. PMID: 8296583.
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43. Kottke TE, Wilms DG, **Solberg LI**, Brekke ML. Physician-delivered smoking cessation advice: issues identified during ethnographic interviews. *Tob Control* 1994;3:46-49.
44. Kottke TE, Mantak FJ, **Solberg LI**. Youth addiction to tobacco: involving physicians and changing community norms. *Minn Med* 1994;77(12):28-31.
45. Kottke TE, **Solberg LI**. Nicotine patches: a doubtful key to tobacco control? (Editorial) *J Natl Cancer Inst* 1995;87(2):71-72.
46. Kottke TE, **Solberg LI**. Is it not time to make smoking a vital sign? *Mayo Clinic Proc* 1995;70:303-304.
47. Kottke TE, **Solberg LI**, Brekke ML. Health plans helping smokers. *HMO Pract* 1995;9(3):128-133.
48. **Solberg LI**, Isham GJ, Kottke TE, Magnan S, Nelson AF, Reed MK, Richards S. Competing HMOs collaborate to improve preventive services. *Jt Comm J Qual Improv* 1995;21(11)November:600-610.
49. **Solberg LI**, Kottke TE, Brekke ML, Calomeni CA, Conn SA, Davidson G. Using Continuous Quality Improvement to increase preventive services in clinical practice—going beyond guidelines. *Prev Med* 1996;25(3)May/June:259-267.
50. **Solberg LI**. Practical implications of recall bias. (Editorial) *Tob Control* 1996;5(2):95-96.
51. O'Connor PJ, **Solberg LI**, Christianson JB, Amundson GH, Mosser G. Mechanism of action and impact of a cystitis clinical practice guideline on outcomes and costs of care in an HMO. *Jt Comm J Qual Improv* 1996;22(10):673-82.

52. McBride PE, Massoth K, Underbakke G, **Solberg LI**, Beasley JW, Plane MB. Recruitment of private practices for primary care research: experiences in a preventive services clinical trial. *J Fam Pract* 1996;43(4)October:389-395.
53. McBride PE, Plane MB, Underbakke G, Brown RL, **Solberg LI**. Smoking screening and management in primary care practices. *Arch Fam Med* 1997;6, March/April:165-172.
54. Johnson KM, Lando HA, Schmid LA, **Solberg LI**. The GAINS project: outcome of smoking cessation strategies in four urban Native American clinics. *Addict Behav* 1997;22(2):207-218.
55. **Solberg LI**, Mosser G, McDonald SF. The three faces of performance measurement: improvement, accountability, and research. *Jt Comm J Qual Improv* 1997;23(3)March:135-147.
56. Solberg, LI. Tobacco use prevention and cessation. *Postgrad Med* 1997;101(3), March:292-302.
57. **Solberg LI**, Brekke ML, Kottke TE. Are physicians less likely to recommend preventive services to low SES patients? *Prev Med* 1997;26(3), May/June:350-357.
58. **Solberg LI**, Brekke ML, Kottke TE. How important are clinician and nurse attitudes to the delivery of clinical preventive services? *J Fam Pract* 1997;44(5)May:451-461.
59. Kottke TE, **Solberg LI**, Brekke ML, Cabrera A, Marquez M. Delivery rates for preventive services in 44 midwestern clinics. *Mayo Clinic Proc* 1997;72(June):515-523.
60. **Solberg LI**, Kottke TE, Conn SA, Brekke ML, Calomeni, Conboy KS. Delivering clinical preventive services is a systems problem. *Ann Behav Med* 1997;19(3):271-278.
61. Kottke TE, **Solberg LI**, Brekke ML, Cabrera A, Marquez M. Will patient satisfaction set the preventive services implementation agenda? *Am J Prev Med* 1997;13(4):309-316.
62. Fischer LR, **Solberg LI**, Kottke TE, Calomeni CA. A process IMPROVEment approach to preventive services: case studies of CQI demonstration projects in two primary care clinics. *HMO Pract* 1997;11(3)September:123-129.
63. Magnan S, **Solberg LI**, Giles KS, Kottke TE, Wheeler JW. Primary care, process improvement, and turmoil. *J Ambulatory Care Manage* 1997;20(4)October:32-38.
64. **Solberg LI**, Reger LA, Pearson TL, Cherney LM, O'Connor PJ, Freeman SL, Lasch SL, Bishop DB. Using continuous quality improvement to improve diabetes care in populations: the IDEAL model. *Jt Comm J Qual Improv* 1997;23(11)November:581-592.
65. Nelson AF, Quiter ES, **Solberg LI**. The state of research within managed care plans: 1997 survey. *Health Affairs* 1998;17(1)Jan./Feb.:128-138.
66. **Solberg LI**, Kottke TE. Patient perceptions: an important contributor to how physicians approach tobacco cessation. (Editorial) *Tob Control* 1998;7(4):421-2.
67. **Solberg LI**, Brekke ML, Kottke TE, Steel RP. CQI in primary care: what's happening? *Med Care* 1998;36(5):625-635.
68. **Solberg LI**, Kottke TE, Brekke ML. Will primary care clinics organize themselves to improve the delivery of preventive services? A randomized controlled trial. *Prev Med* 1998;27(4):623-31.
69. O'Connor PJ, **Solberg LI**, Baird MA. The future of primary care. The enhanced primary care model. *J Fam Pract* 1998;47(1)July:62-67.

70. Fischer LR, **Solberg LI**, Kottke TE. Quality improvement in primary care clinics. *Jt Comm J Qual Improve* 1998;24(7)July:361-70.
71. **Solberg LI**, Kottke TE, Brekke ML, Conn SA, Magnan S, Amundson GM. The case of the missing clinical preventive services systems. *Eff Clin Pract* 1998;1(1)Aug/Sept:33-8.
72. O'Connor PJ, Desai J, Rush WA, Cherney LM, **Solberg LI**, Bishop DB. Is having a regular provider of diabetes care related to intensity of care and glycemic control? *J Fam Pract* 1998;47(4)October;290-7.
73. Magnan S, **Solberg LI**, Kottke TE, Nelson AF, Amundson GM, Richards S, Reed MK. IMPROVE: Bridge over troubled waters. *Jt Comm J Qual Improv* 1998;24(10)October:566-78.
74. **Solberg LI**. Are model diabetes care programs enough? (Editorial). *Models of Care* 1999;2(1):2.
75. **Solberg LI**. Bupropion with or without a nicotine patch was more effective than a nicotine patch alone or placebo in smoking cessation. Comment on: Jorenby DE, Leischow SJ, Nides MA et al. A controlled trial of sustained-release bupropion, a nicotine patch, or both for smoking cessation. *N Engl J Med* 1999;340:685-691. *Evidence-Based Cardiovasc Med.* 1999; 3(4):96.
76. Calomeni CA, **Solberg LI**, Conn SA. Nurses on quality improvement teams: how do they benefit? *J Nurs Care Quality* 1999;13(5):75-90.
77. Klingner JM, **Solberg LI**, Knudson-Schumacher S, Huss KL, Carlson RR. How satisfied are mothers with 1-day hospital stays for routine delivery? *Eff Clin Pract* 1999;2(6):253-7.
78. **Solberg LI**, Korsen N, Oxman TE, Fischer LR. The need for a system in the care of depression. *J Fam Pract* 1999;48(12):973-9.
79. **Solberg LI**. Incentivising, facilitating, and implementing an office tobacco cessation system. *Tob Control* 2000;9(Suppl 1):i37-i41.
80. McBride P, Underbakke G, Plane MB, Massoth K, Brown RL, **Solberg LI**, Ellis L, Schrott HG, Smith K, Swanson T, Spencer E, Pfeifer G, Knox A. Improving prevention systems in primary care practices: the Health Education and Research Trial (HEART). *J Fam Pract* 2000;49(2):115-25.
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PRESENTATIONS IN 2015

1. Solberg, LI, Reid R, Darer J, Shah N, Gould M. "Research Operations Partnerships to Improve Care." Plenary panel at the HMORN Annual Conference, 3/11/15 in .
2. Bailey SR, Stevens VJ, Solberg LI, Kurtz SE, McBurnie MA, Priest EL, Puro JE, Williams R, Fortmann SP, Hazlehurst BL. Assessing trends in smoking cessation in diverse patient populations using electronic medical records. Poster presented at Society for Research on Nicotine and Tobacco in 2/15 and at Oregon Health & Science Research Week: Portland, OR, May 6th, 2015.
3. Invited Academy Health Policy Roundtable panel member on "Two decades of physician organizational research: what have we learned." Panel created by Stephen Shortell and included, me on "Changes in how Physician Organizations Improve (and how we study it)," and Bruce Landon, Elliott Fisher, and Diane Rittenhouse. Academy Health annual meeting, June 2015 in Minneapolis.
4. Solberg LI, panel member on "Accelerating PCOR through the PCORI Pilot Projects Learning Network: Experiences with Shared Learning and Collaboration. PCORI Annual Meeting 10/7/15.
5. Solberg LI. Lessons from a Career in Quality Improvement Research. Plenary presentation to the Annual Conference of the North American Primary Care Research

Group in Cancun on 10/27/15 in response to receiving the Maurice Wood Award for Lifetime Contribution to Primary Care Research.

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126. Tiwana S, Maciosek M, Flottemesch T, Solberg L, Edwards N: A Microsimulation Model of the Natural History of Smoking in the US. Abstract. 16th Annual HMO Research Network Conference, March 21-24, 2010 – Austin, TX
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