Angela Fagerlin
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University of Michigan
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Education and Training

5/1995	BA, Hope College, *Magna Cum Laude* (psychology)
8/1997	MA, Kent State University (experimental psychology)
8/2000	Ph.D., Kent State University (experimental psychology) *Dissertation: The use of base rate and individuating information in surrogate medical decision-making. Joseph Danks and Peter Ditto, co-advisors.*

Academic, Administrative and Clinical Appointments

Academic Appointments

9/1995-5/2000	Research Fellow, Kent State University
9/1998-5/1999	Teaching Fellow, Kent State University
1/2000-8/2006	Research Investigator, Department of Medicine, University of Michigan
9/2006-8/2008	Research Assistant Professor, Department of Medicine, University of Michigan
9/2008-present	Associate Professor of Medicine, Department of Medicine, University of Michigan, School of Medicine
1/2010-present	Adjunct Associate Professor of Psychology, School of Literature, Science and the Arts, University of Michigan

Academic Affiliations

8/2000-present	Core Investigator, Center for Behavioral and Decision Sciences in Medicine, VA Ann Arbor Healthcare System & University of Michigan, Ann Arbor, MI.
1/2005-present	Core Faculty, Robert Wood Johnson Clinical Scholar Program, University of Michigan, Ann Arbor, MI.
9/2005-present	Director, Post Doctoral Fellowship Program, Center for Behavioral and Decision Sciences in Medicine, VA Ann Arbor & University of Michigan, Ann Arbor, MI.
7/2010-present	Co-Director, Center for Bioethics and Social Sciences in Medicine, VA Ann Arbor & University of Michigan, Ann Arbor, MI.

Government Positions

8/2000-present	Research Scientist, VA Health Services Research & Development Center of Excellence, VA Ann Arbor Healthcare System, Ann Arbor, MI.
10/2009-present	Special Government Employee. Food and Drug Administration, Risk Communication Advisory Group.

Research Interests

1. Studying factors that affect people's perception of risks.
2. Testing methods for improving risk communication.
3. Development and testing of decision aids.
4. Investigating the affect of numeracy skills on medical decision making.
5. Examining the role of living wills and surrogate decision-making at the end of life.

Grants

Current

U.S. Department of Veterans Affairs; "Impact of a low literacy prostate cancer decision aid on decision making"; **A. Fagerlin, Principal Investigator**; 2007-2011; $897,627 (direct).

National Institute of Child Health and Human Development; "Strategies to optimize communication of informed consent for pediatric research"; A. Tait, PI; **A. Fagerlin, Co-Investigator**; 2007-2012; $1,062,500 (direct).

National Cancer Institute; "Identifying and reducing cognitive biases created by decision aids"; P. Ubel, PI; **A. Fagerlin, Co-Investigator**; 2007-2012; $1,486,398 (direct).

National Cancer Institute; "Adherence and the economics of colon cancer screening"; J. Inadomi, PI; **A. Fagerlin, Co-Investigator**; 2007-2012; $1,529,601 (direct).

National Cancer Institute; "Promoting shared decision making through a tailored decision aid)"; Part of Michigan Center for Health Communications Research II:; **A. Fagerlin, Principal Investigator**; 2008-2013 $1,061,998 (direct).

U.S. Department of Veterans Affairs; "Evaluating a preference-based intervention to increase colorectal cancer screening"; S. Hawley, PI; **A. Fagerlin, Co-Investigator**; 2008-2012; $863,000 (direct).

National Cancer Institute; "Evaluating a preference-tailored intervention for increasing CRC screening"; S. Hawley, PI; **A. Fagerlin, Co-Investigator**; 2008-2012 $2,237,643 (direct).

U.S. Department of Veterans Affairs, Health Services Research and Development Service; 10/1/2009-3/31/2013; "Preparing to Discuss Genetic Test Results for Colorectal Cancer Risk;" **A. Fagerlin, Principal investigator**; $831,000 (direct).

National Institutes of Health via The University of Miami, Florida; 10/1/2009-9/30/2011; "A Targeted Decision Aid to Improve Minority Participation in Clinical Trials"; S. Hawley, PI; **A. Fagerlin, Co-Investigator**; $208,725 (direct).

Foundation for Informed Medical Decision Making; 3/1/2010-2/28/2011; "Development and Evaluation of Interactive Interfaces for Values Exploration and Clarification"; H. Witteman, PI; **A. Fagerlin, Mentor**; (b) (4) (direct).

Agency for Healthcare Research and Quality; 8/1/2010-7/31/2013; "Technologically Enhanced Community Health Worker (CHW) Delivery of Personalized Diabetes Treatment Information "; M. Heisler, PI; **A. Fagerlin, Co-Investigator;** $1,269,438 (direct).

Pending

National Institutes of Health; ““Testing decision coaching for vaginal birth after cesarean vs. cesarean decision.”; **A. Fagerlin, Principal Investigator;** $274,000 (direct).

Past

Michigan Department of Community Health; “Addressing the informational needs of men newly diagnosed with prostate cancer in Michigan: Development of novel prostate cancer educational interventions”; J. Wei, PI; **A. Fagerlin, Co-Investigator**; 2002-2004; (b) (4) (direct).

Michigan Department of Community Health; “Evaluation of prostate cancer decision supports”; M. Holmes-Rovner, PI; **A. Fagerlin, Co-Investigator**; 2001; (b) (4) (direct).

Life Sciences Values and Society Program; “Exploring physician misrepresentation of prognostic information to terminally ill patients”; **A. Fagerlin, Principal Investigator**; 2001; (b) (4) (direct).

National Cancer Institute; “Determinants and outcomes of surgical treatment choices for early stage breast cancer: Is DCIS different than invasive disease”; S. Katz, PI; **A. Fagerlin, Co-Investigator**; 2001-2005; $1,411,360 (direct).

National Institute of Child Health and Human Development; “Exploring discrepancies between patient and public utility ratings”; P.A. Ubel, PI; **A. Fagerlin, Co-Investigator**; 2001-2006; $1,455,041 (direct).

National Cancer Institute; “Identifying and reducing cognitive biases created by decision aids”; P.A. Ubel, PI; **A. Fagerlin, Co-Investigator**; 2002-2007; $1,739,000 (direct).

National Institute of Aging; “Internet interviewing on the HRS”; R.J. Willis, PI; **A. Fagerlin, Co-Investigator**; 2002-2007; $675,000 (direct).

Veterans Affairs Merit Review Entry Program; “Testing a decision tool’s impact on veterans’ prostate cancer decisions”; **A. Fagerlin, Principal Investigator**. 2005-2008; $322,884 (direct).

National Cancer Institute; “Risk communication: A Tamoxifen prophylaxis decision aid” Part of Michigan Center for Health Communication Research Program Grant; P.A. Ubel, PI; **A. Fagerlin, Co-Principal Investigator;** 2003-2008; $761,190 (direct).

National Cancer Institute; Michigan Center for Health Communication Research Program Grant (1P50CA101451), Core C (methodology); V. Strecher, PI; **A Fagerlin**, **Co-Investigator;** 2003-2008; $1,458,810 (direct).

Foundation for Informed Medical Decision Making Post Doctoral Grant; "Using testimonials to improve decision outcomes"; A. Dillard, PI; **A. Fagerlin, Mentor**; 2007-2009; (b) (4) (direct).

U.S. Department of Veterans Affairs; "Health Services Research in Genomics Program"; BJ Zikmund-Fisher, PI; **A. Fagerlin, Co-Investigator;** 3/1/2008-4/30/2009; $144,670 (direct).

Foundation for Informed Medical Decision Making; "National Survey of Medical Decisions"; M. Couper, PI; **A. Fagerlin, Co-Investigator**; 2006-2009; (b) (4) (direct).

Honors and Awards

1993	Psi Chi (Psychology Honor Society)
1994	Arthur John TerKeurst Psychology Scholarship, Hope College
1995	Phi Beta Kappa
1999	Kent State University Applied Psychology Center Outstanding Manuscript
2005	Best Paper by a Young Investigator, Society for Medical Decision Making
2006	American Psychological Association Science Leadership Conference Invitee (extended to the 25 "best and brightest of the newest generation of psychological scientists")
2009	American Psychological Association Division 38 (Health Psychology) Award for Outstanding Contribution to the field of Health Psychology.

Memberships in Professional Societies

1995-2000	Midwestern Psychological Association
1995-current	American Psychological Association
1996-1999	Gerontological Society of America
1998-2005	The Society for the Psychological Study of Social Issues
1999-current	Association of Psychological Science
1999-current	Society for Judgment and Decision Making
2001-current	Society for Medical Decision Making

Editorial Positions, Boards and Peer-Review Service

Ad hoc Reviewer of Manuscripts

Archives of Internal Medicine
American Journal of Bioethics
Annals of Internal Medicine
Basic and Social Psychology
British Medical Journal
Hastings Center Report

Health Psychology
Health Expectations
Journal of the American Medical Association
Journal of Behavioral Decision Making
Journal of General Internal Medicine
Journal of Health Communication
Journal of Neurology
Journal of Urology
Learning and Individual Differences
Medical Care
Medical Decision Making
Patient Education and Counseling
Psychology and Aging
Social Science and Medicine

Editorial Boards

2005-2009	Medical Decision Making
2007-Current	Health Psychology

Ad hoc Reviewer of Grants

2005	Agency for Healthcare Research and Quality
2003, 2005	National Cancer Institute
2004, 2007, 2009	National Science Foundation
2007	Michigan Institute for Clinical and Health Research

Reviewer of Conference Submissions

2005, 2007, 2008	Medical Decision Making

Expert Panel

12/2005	Moderator, Numeracy and Health. National Cancer Institute

Teaching

1998-1999	Teaching Fellow, Cognitive Psychology
1998-1999	Teaching Fellow, Psychological Writing
2001	Instructor, Introduction to the Patient Elective
2002	Guest lecturer, Patient Education (School of Public Health)
2002	UROP student mentor
2003	Instructor, Introduction to the Patient Elective
2005-2007	Director, Center for Behavioral and Decision Sciences in Medicine Postdoctoral Fellowship Program
2005-2007	Guest Lecturer, Law and Bioethics (Law School)
2005-2007	Guest Lecturer, Decision Consortium (Department of Psychology)

2005-present	Core Faculty, Robert Wood Johnson Clinical Scholar Program
2010-present	Guest Lecturer, School of Public Health

Mentoring

(b) (6) PhD (post-doctoral fellow)
(b) (6), PhD (post-doctoral fellow)
(b) (6) PhD (post-doctoral fellow)
(b) (6), MD (RWJ fellow)
(b) (6) (undergraduate student)
(b) (6) (pre-doctoral student)
(b) (6) (post-doctoral fellow)
(b) (6) (post-doctoral fellow)
(b) (6) (assistant professor)
(b) (6) (post-doctoral fellow)

Committee, Organizational and Volunteer Services

Institutional

1998-1999	Kent State University Graduate Student Senate
1999	Kent State University Graduate Student Senate Research Grant Committee
2005-present	Director, Postdoctoral Fellowships at Center for Behavioral and Decision Sciences in Medicine
2009-present	Faculty Senate, Government Relations Subcommittee
2010-present	Co-Director, Center for Bioethics and Social Sciences in Medicine

Regional

2002-present	Michigan Department of Community Health Prostate Cancer Action Committee (Chair 2004-present)
2006	Michigan Department of Community Health Prostate Cancer Advisory Panel (Treatment subcommittee chair)

National

2002-2003	Society of Medical Decision Making, Editor Search Committee
2002-present	Society of Medical Decision Making, Publications Committee (Chair 2007-2010)
2007-2010	Society of Medical Decision Making, Trustee

International

2003-2004	Member, Expert Panel: Literacy standards for judging quality in a decision aid. Subcommittee of the International Consensus on Standards for Developing and Evaluating Patient Decision Aids, Ottawa, 2003-2004.

Consulting Positions

1995	Steelcase Inc., Grand Rapids, MI
2000-2003	ADVANCE Project, University of California, Irvine, CA

Extramural Invited Presentations

Extramural Invited Presentations

1/01 "Projection in surrogate decisions about life-sustaining medical treatments." The Center for Ethics and Humanities In the Life Sciences, Michigan State University, East Lansing, MI.

1/04 "Risky Feelings: Why 6% doesn't always feel like 6%." Northwestern University, Chicago, IL.

1/05 "Pulling the plug on living wills: How living wills have failed to live up to their mandate." Edward F. Mielke Lecture Series in Biomedical Ethics, Lawrence University, Appleton, WI.

6/05 "Pulling the plug on living wills: How living wills have failed to live up to their mandate." St. Joseph Mercy Hospital, Ypsilanti, MI.

12/07 "Primary Prevention with Tamoxifen or Raloxifene: Results from an Experimental Decision Aid." American Association of Cancer Research, Philadelphia, PA.

6/08 "Talking to women about breast cancer chemoprevention: Results from two experimental decision aids." Fox Chase Cancer Center, Philadelphia, PA.

7/08 **"**Adults knowledge about their health care decisions." Foundation for Informed Medical Decision Making Summer Conference for Medical Editors, Jackson Hole, WY.

5/09 "Designing decision aids: How you present the numbers is as important as what numbers are presented." National Cancer Institute, Rockville, MD.

12/09 "Talking to women about breast cancer chemoprevention: Results from 2 experimental decision aids

5/10 "Quantitative measures of risks and benefits." FDA, Silver Spring, MD.

7/10 "Factors influencing a patient's decision-making process and the influence of written communication techniques." Brookings Institute, Washington DC.

9/10 "Communicating risk information to patients: How you present the numbers is as important as what numbers are presented." University of California San Francisco, San Francisco, CA.

9/10 "Communicating risk information to patients: How you present the numbers is as important as what numbers are presented." San Francisco Veterans Affairs, San Francisco, CA.

Other Presentations

6/93 VandenBrink, B.J. & **Fagerlin, A**. The effects of expectancies, outcomes, and self-efficacy on persistence. Poster presented at the annual meeting of the American Psychological Society, Chicago, IL.

6/94 **Fagerlin, A**., Kasimatis, M., Rose, C., & Skoien, H. Effects of actual outcomes of a program on self-efficacy and subsequent motivation. Poster presented at the annual meeting of the American Psychological Society, Washington, D.C.

8/95 VanderStoep, S.W., Pintrich, P.R., & **Fagerlin, A**. Disciplinary differences in self-regulated learning. Poster session presented at the meeting of the European Association for Research on Learning and Instruction, Nijmegen, The Netherlands.

8/96 VanderStoep, S.W., **Fagerlin, A.**, & Pottebaum, M. What do students remember from introductory psychology? Poster presented at the annual meeting of the American Psychological Association, Toronto, Canada.

4/97 **Fagerlin, A**. Biases in estimating parents' preferences for life-sustaining medical treatment. Paper presented at Kent State University Graduate Student Senate Research Colloquium, Kent, OH.

5/97 Klepac, L.M., Munro, G., **Fagerlin, A**., Gready, R.M., Peterson, E.C. & Ditto, P.H. Biased assimilation and attitude polarization in reactions to the 1996 presidential debate. Paper presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.

5/97 **Fagerlin, A.**, Danks, J.H., & Ditto, P.H., & Smucker, W.D. Estimating parents' preferences for life-sustaining treatment: The adult children's own wishes or the parent's wishes? Paper presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.

8/97 Klepac, L.M., **Fagerlin, A**., Coppola, K.M., Bookwala, J., & Ditto, P.H. Relationship between death attitudes, perceived health, and life-support concerns. Poster presented at the annual meeting of the American Psychological Association, Chicago, IL.

6/98 Gready, R.M., Houts, R.M., **Fagerlin, A.**, Ditto, P.H., Danks, J.H., & Smucker, W.D. Gender differences in predicting life-sustaining medical treatments for elderly adults. Paper presented at the 9th International Conference on Personal Relationships, Saratoga Springs, NY.

6/98 **Fagerlin, A.**, Ditto, P.H., Coppola, K.M., Danks, J.H., & Smucker, W.D. Self-based biases in surrogate medical decision-making. Poster presented at the meeting of the Society for the Psychological Study of Social Issues, Ann Arbor, MI.

9/98 **Fagerlin, A.**, Danks, J.H., Ditto, P.H., Coppola, K.M., & Smucker, W.D. Can adult children remember their parent's preferences for life-sustaining treatment?

Paper presented at the meeting of the International Congress of Applied Psychology, San Francisco, CA.

9/98 **Fagerlin, A.**, Danks, J.H., Ditto, P.H., Coppola, K.M., & Smucker, W.D. Can adult children remember their parent's preferences for life-sustaining treatment? Paper presented at the meeting of the International Congress of Applied Psychology, San Francisco, CA.

11/98 **Fagerlin, A.**, Danks, J.H., Ditto, P.H., Gupta, A., & Smucker, W.D. Memory and transfer in medical decision-making. Poster presented at the meeting of the Psychonomics Society, Dallas, TX.

11/99 **Fagerlin, A.**, Danks, J.H., Houts, R.M., Ditto, P.H., & Smucker, W.D. Use of base rate information and perceived similarity in surrogate medical decision-making. Poster presented at the meeting of the Psychonomics Society, Los Angeles, CA.

11/00 **Fagerlin, A.**, Danks, J.H., Ditto, P.H., & Smucker, W.D. Role of base rate information and individuating information in surrogate medical decision-making. Poster presented at the meeting of the Psychonomics Society, New Orleans, LA.

1/01 Munro, G.D., Hulsizer, M.R., & **Fagerlin, A**. Molding the past: Biased assimilation of historical events. Poster presented at the meeting of the Society for Personality and Social Psychology, San Antonio, TX.

5/01 Werner, R.M., Alexander, G.C., **Fagerlin, A.**, & Ubel, P.A. The "hassle factor": How physicians respond when third party payers decline reimbursement for important health care services. Poster presented at the meeting of the Society of General Internal Medicine, San Diego, CA.

5/01 Alexander, G.C., Werner, R.M., **Fagerlin, A.**, & Ubel, P.A. Gaming the system - Public preferences that doctors play? Poster presented at the meeting of the Society of General Internal Medicine, San Diego, CA.

10/01 **Fagerlin, A.**, Jacobson, J., Ditto, P.H., Danks, J.H., & Smucker, W.D. Stability of life-sustaining treatment preferneces following hospitalization. Paper presented at the meeting of the Society of Medical Decision Making, San Diego, CA.

11/01 **Fagerlin, A.**, Wang, C., & Ubel, PA. The role of vivid statistical information and patient testimonials in medical decision making. Poster presented at the meeting of the Society of Judgment and Decision Making, Orlando, CA.

5/02 Underwood, W., DeMonner, S., Ubel, P., **Fagerlin, A.**, & Wei, J. Decreasing racial disparity in the use of active therapy for localized prostate cancer between 1992 and 1998. Poster presented at the meeting of American Urological Association, Orlando, FL.

9/02 **Fagerlin, A.** What prostate cancer patients need to know. Paper presented at the meeting of the Michigan Cancer Consortium, Ann Arbor, MI.

10/02 Riis, J., Loewenstein, G., **Fagerlin, A.**, & Ubel, P.A. They say life is good but are they really happy? The use of palm pilots to assess the daily experience of dialysis patients. Poster presented at the meeting of the Society for Medical Decision Making, Baltimore, MD.

10/02 **Fagerlin, A.**, Wang, C., & Ubel, P.A. Counteracting the impact of anecdotal information with vivid statistical information. Poster presented at the meeting of the Society for Medical Decision Making, Baltimore, MD.

10/02 **Fagerlin, A.**, Rovner, D., Jentoft, C., Wei, J.T., & Holmes-Rovner, M. How good are decision support tools for prostate cancer? Poster presented at the meeting of the Society for Medical Decision Making, Baltimore, MD.

5/03 Katz, S.J., Lantz, P.M., **Fagerlin, A.**, Janz, N.K., Salem, B.O., & Schwartz, K.L. Shared decision-making and receipt of mastectomy for women with early stage breast cancer: Doctor knows best? Vancouver, BC.

6/03 Symon, Z., Symon, R., Dunn, R., Sandler, H., **Fagerlin, A.**, Underwood, W., Hayman, J., & Sanda, M. Health-related quality of life (HRQOL) expectations for contemporary prostate cancer treatments. Poster presented at the meeting of the American Society of Clinical Oncology, Chicago IL.

9/03 Wei, J.T., Dunn, R., Hembroff, L., McGee, H., **Fagerlin, A.**, Sanda, M., Duff, J., Schwartz, S., Wimberley, R., King, L., Taylor, K., Tiwari, A., Parzuchowski, J., Holmes-Rovner, M., & Demers, R. Survey of men newly diagnosed with localized prostate cancer: Implications for patient education. Paper presented at the Centers for Disease Control, Atlanta, GA.

9/03 **Fagerlin, A.**, Rovner, D., Stableford, S., Wei, J.T., Jentoft, C., & Holmes-Rovner, M. Patient education materials for prostate cancer: A content and quality review. Paper presented at the Centers for Disease Control, Atlanta, GA.

9/03 Velarde, M. J., Wei, J. T., Holmes-Rovner, M., **Fagerlin, A**., Rovner, D., Ohene-Frempong, J., Stableford, S., Underwood, W., Tiwari, A., Wimberley, R., & Demers, R. Addressing the informational needs of men newly diagnosed with prostate cancer in Michigan: development of novel prostate cancer educational interventions. MCC Annual Meeting, Detroit, MI.

10/03 **Fagerlin, A.** Enough: The failure of the living will. Paper presented at the American Society of Bioethics and Humanities/Canadian Bioethics Society, Montreal, Quebec.

10/03 Amsterlaw, J., Zikmund-Fisher, B.J., **Fagerlin, A.**, & Ubel, P.A. Can fear of complications lead to bad decisions? Poster to be presented at the Society for Medical Decision Making, Chicago IL.

10/03 Zikmund-Fisher, B.J., **Fagerlin, A.**, & Ubel, P.A. Losing the last 25 pounds is worth more than the first: Risk reductions are perceived in relative, not absolute, terms. Poster presented at the Society for Medical Decision Making, Chicago IL.

10/03 Zikmund-Fisher, B.J., **Fagerlin, A.**, & Ubel, P.A. Evaluability biases: Why presenting patients with treatment options one at a time versus together can lead to preference reversals. Paper presented at the Society for Medical Decision Making, Chicago IL.

10/03 **Fagerlin, A.**, Lantz, P., Janz, N., Salem, B., & Katz, S.J. Are breast cancer patients involved decision makers? Paper presented at the Society for Medical Decision Making, Chicago IL.

10/03 **Fagerlin, A.**, Zikmund-Fisher, B.J., & Ubel, P.A. Does communicating the lifetime risk of cancer create unjustifiable optimism? Paper presented at the Society for Medical Decision Making, Chicago IL.

10/03 **Fagerlin, A.**, Zikmund-Fisher, B.J., Ubel, P.A., & Smith, D. Measuring numeracy when people hate math tests. Paper presented at the Society for Medical Decision Making, Chicago IL.

11/03 Zikmund-Fisher, B.J., **Fagerlin, A.**, & Ubel, P.A. Evaluability issues affect patients' preferences for doctors, but are physicians any better? Poster presented at the Society for Judgment and Decision Making, Vancouver, BC.

11/03 **Fagerlin, A.**, Zikmund-Fisher, B.J., & Ubel, P.A. Get it out of me: The role of context in omission and action biases. Poster presented at the Society for Judgment and Decision Making, Vancouver, BC.

1/04 **Fagerlin, A.**, Zikmund-Fisher, B.J., & Ubel, P.A. I have cancer, treat me even if it kills me. Poster presented at the Society for Personality and Social Psychology, Austin TX.

6/04 Katz, S.J., Lantz, P.M., Janz, N.K., **Fagerlin, A.**, Salem, B., Lakhani, I., & Morrow, M. Shared decision making and surgical treatment for breast cancer. Paper presented at the annual meeting of the American Society of Clinical Oncology, New Orleans, LA.

6/04 Lantz, P.M., Janz, N.K., **Fagerlin, A.**, Mujahid, M., Salem, B., & Katz, S.J. Surgical treatment satisfaction among women with breast cancer. Paper presented at the annual meeting of the American Society of Clinical Oncology, New Orleans, LA.

6/04 Morrow, M., Lantz, P., Janz, N., **Fagerlin, A.**, Mujahid, M., & Katz, S. Patterns and correlates of breast reconstruction: Results of a population based study. Paper presented at the annual meeting of the American Society of Clinical Oncology, New Orleans, LA.

6/04 Janz, N.K., Mujahid, M., Lantz, P.M., **Fagerlin, A.**, Salem, B.O., & Katz, S.J. Quality of life in women with breast cancer. Paper presented at the annual meeting of the American Society of Clinical Oncology, New Orleans, LA.

10/04 Pond, H., **Fagerlin, A.**, Goldstein, C., Smith, D., Loewenstein, G., & Ubel, P.A. The happiness gap: A matter of context? Poster presented at the Society for Medical Decision Making, Atlanta, GA.

10/04 Zikmund-Fisher, B., **Fagerlin, A.**, & Ubel, P.A. Viewers of survival graphs often ignore time axis labels, biasing perceptions of treatment effectiveness. Paper presented at the Society for Medical Decision Making, Atlanta, GA.

10/04 Zikmund-Fisher, B., Roberts, T., **Fagerlin, A.**, Derry, H., & Ubel, P.A. Highlighting "additional risk" yields more consistent interpretations of side

effect risk communications. Paper presented at the Society for Medical Decision Making, Atlanta, GA.

10/04 **Fagerlin, A.**, Jankovic, A., Langa, K., Weir, D., Willis, R., Fisher, G., & Ubel, P.A. Health and math don't mix: Difficulty interpreting numerical information in health contexts. Poster presented at the Society for Medical Decision Making, Atlanta, GA.

10/04 **Fagerlin, A.**, Zikmund-Fisher, B., & Ubel, P.A. "If I'm better than you, then I'm ok": Comparative information biases beliefs about risk prevention strategies. Paper presented at the Society for Medical Decision Making, Atlanta, GA.

11/04 **Fagerlin, A.**, Lantz, P., Janz, N., Salem, B., & Katz, S.J. Are women's risk perceptions of breast cancer recurrence accurate and does it matter? Poster presented at the Society for Judgment and Decision Making, Minneapolis, MN.

11/04 Sarr, B., Zikmund-Fisher, B.J., **Fagerlin, A**., & Ubel, P.A. "I'll choose for you, you choose for me": Proxy effects, anticipatory emotions, and medical treatment decisions. Poster presented to the Society for Judgment and Decision Making, Minneapolis, MN.

5/05 Morrow, M., Katz, S.J., Lantz, P.M., Janz, N.K., **Fagerlin, A.**, Schwartz, K., Liu, L., Deapen, D., Salem, B., & Lakhani, I. Surgeon perspectives on local therapy for breast cancer. Paper presented at the annual meeting of the American Society of Clinical Oncology (ASCO), Orlando, Florida.

6/05 **Fagerlin, A.**, Derry, H.A., Zikmund-Fisher, B.J., Smith, D.M., Sarr, B., & Ubel, P.A. What does order have to do with: The role of risk/benefit order in shaping risk perception. Paper presented at the International Conference of Shared Decision Making, Ottawa, Canada.

10/05 **Fagerlin, A**, Nair, V, Zikmund-Fisher, B.J., Smith, D.M., & Ubel, P.A. Using fractional factorial designs to untangle the effects of patient decision aids. Poster presented at the Society for Medical Decision Making, San Francisco, CA.

10/05 Greene, S.M., Ubel, P.A., McClure, J.B., Johnson, K.E., Zikmund-Fisher, B.J., Derry, H.A., Stark, A., Claud, S.L., & **Fagerlin, A**. Translating research into practice? Unforeseen hurdles in the implementation of decision aid research project in a healthcare setting. Poster presented at the Society for Medical Decision Making, San Francisco, CA.

10/05 Zikmund-Fisher, B.J., **Fagerlin, A.**, & Ubel, P.A. Lightening may not strike twice, but my cancer will: The special status of cancer recurrence risk. Paper presented at the Society for Medical Decision Making, San Francisco, CA.

10/05 **Fagerlin, A.**, Zikmund-Fisher, B.J., Kulpa, J.J., Hawley, S.T., Shah, P., Couper, M., & Ubel, P.A. People's preferences for graphical ways of presenting risk/benefit information. Paper presented at the Society for Medical Decision Making, San Francisco, CA.

10/05 Hawley, S,T., Lantz, P., Salem, B., **Fagerlin, A**., Janz, N., & Steven Katz, S. Patient and surgeon correlates of shared decision making for surgical breast cancer

treatment. Paper presented at the Society for Medical Decision Making, San Francisco, CA.

10/05 Zikmund-Fisher, B.J., **Fagerlin, A**., & Ubel, P.A. Asymmetric perceptions of the consequences of increasing versus decreasing risky behavior. Paper presented at the Society for Medical Decision Making, San Francisco, CA.

10/05 Kulpa, J.J., Zikmund-Fisher, B.J., **Fagerlin, A**., & Ubel, P.A. Give me colostomy or give me death: Attempting to improve internal consistency of treatment choice. Paper presented at the Society for Medical Decision Making, San Francisco, CA.

10/05 Jankovic, A., Ubel, P.A., Smith, D.M., & **Fagerlin, A**. Do TTO elicitations work over the phone? Paper presented at the Society for Medical Decision Making, San Francisco, CA.

11/05 Zikmund-Fisher, B.J., Sarr, B., **Fagerlin, A**., & Ubel, P.A. Giving advice to others reduces omission biases in treatment decision making. Poster presented at the annual meeting of the Society of Judgment and Decision Making, Toronto, Canada.

11/05 **Fagerlin, A.,** Zikmund-Fisher, B.J., Kulpa, J., Shah, P., Hawley, S.T., Couper, M., & Ubel, P.A. Not all risk graphics are equally graphic: Differences in comprehension across graph types. Poster presented at the annual meeting of the Society of Judgment and Decision Making, Toronto, Canada.

6/06 Hawley, S.T., Lantz, P., Salem, B., **Fagerlin, A.**, Janz, N.K., & Katz, S.J. Patient and surgeon correlates of shared decision making for surgical breast cancer treatment. Paper presented at the annual meeting of the American Society of Clinical Oncology (ASCO), Atlanta, Georgia.

10/06 **Fagerlin A.**, Smith, D.M., Zikmund-Fisher, B.J., Derry, H.A., Jankovic, A., Pitsch, R.K., McClure, J.B., Greene, S.M., Stark, A., & Ubel, P.A. Decision aid design decisions had significant impact on patients' knowledge, risk perceptions, and behavior. Oral presentation to the Society for Medical Decision Making, Cambridge, MA. *(Plenary Abstract Session.)*

10/06 Zikmund-Fisher, B.J., **Fagerlin, A**., & Ubel, P.A. Enhancing temporal consistency in perceptions of treatment effectiveness: comparing mortality and survival graphs. Oral presentation to the Society for Medical Decision Making, Cambridge, MA,

10/06 Zikmund-Fisher, B.J., **Fagerlin, A.**, & Ubel, P.A. Adding qualitative labels to test results can create diagnostic momentum: When clarifying the answer may confuse the issue. Oral presentation to the Society for Medical Decision Making, Cambridge, MA,

12/06 **Fagerlin, A**. Making numbers matter: Testing methods to communicate medical risks to patients. American Psychological Association's Science Leadership Conference, Washington D.C. (the 25 "best and brightest of the new generation of psychological scientists" were invited to present at this conference)

1/07 Dillard, A. J., Ubel, P. A., Smith, D. M., Zikmund-Fisher, B. J., Derry, H. A., McClure, J., Greene, S., & **Fagerlin, A**. Affective and behavioral consequences of comparative risk perceptions of breast cancer. Poster presented at the Society for Personality and Social Psychology's 8th Annual Meeting, Memphis, TN.

2/07 Keeton, K., **Fagerlin, A.**, Zikmund-Fisher, B.J., Ubel, P.A., & Fenner, D.E. Predicting parity as a prerequisite for cesarean delivery on maternal request: Does a woman know how many children she will have? Poster presented to the Society for Maternal-Fetal Medicine, San Francisco, CA.

3/07 **Fagerlin, A.,** Zikmund-Fisher, B.J., Ubel, P.A., & Smith, D.M. Measuring numeracy and the impact of numeracy on medical decision making. Paper presented at the 28th annual meeting of the Society of Behavioral Medicine, Washington, D.C.

5/07 **Fagerlin, A.,** Dillard, A., Zikmund-Fisher, B.J., Smith, D.M., McClure, J., Greene, S., Stark, A. & Ubel, P.A. Increasing patients' engagement with decision aids: The role of perceptual and design factors. Poster presented at the USC-NIH Conference on Interdisciplinary Science, Health Promotion & Disease Prevention.

5/07 **Fagerlin, A.**, Dillard, A.J., Zikmund-Fisher, B.J. Derry, H.A., Smith, D.M., McClure, J., Greene, S., & Ubel, P.A. "Just tell me if I'm above or below average": The role of comparative risk information in medical decision-making.' Paper presented at the 4th International Shared Decision Making Conference, Freiburg, Germany.

5/07 **Fagerlin, A.,** Zikmund-Fisher, B.J., Ubel, P.A., & Smith, D.M. The role of numeracy in medical decision making. Paper presented at the 4th International Shared Decision Making Conference, Freiburg, Germany.

5/07 **Fagerlin, A**., Zikmund-Fisher, B.J. Derry, H.A., Smith, D.M., & Ubel, P.A. A decision aid for tamoxifen prophylaxis. Demonstration presented at the 4th International Shared Decision Making Conference, Freiburg, Germany.

10/07 Dillard, A.J., Ubel, P.A., Zikmund-Fisher, B.J., Pitsch, R.K., & **Fagerlin, A.** Effects of tailored and personal communications in a hypothetical decision aid. Poster presented at the Society for Medical Decision Making, Pittsburgh, PA, October 24, 2007.

10/07 **Fagerlin, A.,** Zikmund-Fisher, B.J., Smith, D.M. Derry, H.A., McClure, J., Greene, S., Hensley Alford, S., Pitsch R.K., & Ubel, P.A. What I said isn't what I did: The inconsistency between post-decision aid intentions and actual behaviors. Poster presented at the Society for Medical Decision Making, Pittsburgh, PA, October 24, 2007.

10/07 Zikmund-Fisher, B.J., Ubel, P.A., Smith, D.M. Derry, H.A., McClure, J., Stark, A., Pitsch, R.K., & **Fagerlin, A.** Pictographs correct biases that reduce patient knowledge of side effect risks: Results from an RCT of a tamoxifen decision aid. Paper presented at the Society for Medical Decision Making, Pittsburgh, PA, October 24, 2007.

10/07 Zikmund-Fisher BF, **Fagerlin A**, Ubel PA. Adding qualitative labels to test results can create diagnostic momentum: When clarifying the answer may confuse the issue. Society for Medical Decision Making Annual Meeting. Cambridge, MA 2007.

4/08 Wiese, C, Greene, S, McClure, J ,Westbrook, E, Oliver, K, Anderson, J, Pardee, R, Couper, M, Ubel, P, Pitsch, R, Alford, S, Krajenta R, Nowak, M, Zikmund-Fisher, B, Smith, D, Derry, H, **Fagerlin, A**. 2008. Impact of Pre-incentives on a Web-based Follow Up Survey. Poster presented at the 14th Annual HMO Research Network Conference, April 14 Minneapolis, MN.

4/08 Zikmund-Fisher BJ, Couper MP, Singer E, Carrie CL, Fowler F Jr., Ziniel S, Ubel PA, **Fagerlin A**. Prevalence of nine common medical decisions in the United States: Results from the DECISIONS survey. Society for General Internal Medicine. Pittsburg, PA 2008.

10/08 **Fagerlin A**, Sepucha KR, Couper MP, Levin CA, Ubel PA, Singer E, Zikmund-Fisher BJ. Deficits and predictors of adults' knowledge about nine common health care decisions: Results from a national survey. Oral presentation to the Society for Medical Decision Making, Philadelphia, PA, October 20, 2008.

10/08 Zikmund-Fisher BJ**, Fagerlin A**, Ubel PA. Simpler risk graphics can improve understanding of the incremental benefit of adjuvant chemotherapy. Oral presentation to the Society for Medical Decision Making, Philadelphia, PA, October 20, 2008.

10/08 Zikmund-Fisher BJ, Couper MP, Singer E, Ubel PA, Ziniel S, Fowler Jr. FJ, Levin CA, **Fagerlin A**. Prevalence and process of medical decision making in the US: Reports from the DECISIONS survey. Poster presentation to the Society for Medical Decision Making, Philadelphia, PA, October 21, 2008.

10/08 Sepucha KR, **Fagerlin A**, Couper MP, Levin CA, Ubel PA, Singer E, Zikmund-Fisher BJ. How does feeling informed relate to actually being informed? Oral presentation to the Society for Medical Decision Making, Philadelphia, PA, October 21, 2008.

2/09 Dillard AJ, Ubel PA, Smith DM, Zikmund-Fisher BJ, & **Fagerlin A**. Anxiety influences women's desire for cancer prevention drug. Poster presented at Society for Personality and Social Psychology's 10th Annual Meeting, Tampa, FL.

5/09 **Fagerlin A** & Ubel PA. Women's desire and knowledge regarding tamoxifen and raloxifene for primary breast cancer prevention. Oral presentation to the annual meeting of the NCI CECCR grantees, Denver CO.

10/10 Witteman H, Ubel PA, Angott AM, Fuhrel-Forbis A, **Fagerlin A**, Zikmund-Fisher BJ. Colostomy is better than death, but a 4% chance of death might be better than a 4% chance of colostomy: Why people make choices seemingly at odds with their states preferences. Oran presentation to the Society for Medical Decision Making Annual Meeting, Plenary Presentation of Five Top-Ranked Abstracts, Toronto, Canada.

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2. VanderStoep SW, **Fagerlin A,** Feenstra JS. What do students remember from introductory psychology? *Teaching of Psychology.* 2000; 27: 89-92.
3. Smucker WD, Houts R, Danks JH, Ditto PH, **Fagerlin A,** Coppola KM. Modal preferences predict elderly patients' life-sustaining treatment choices as well as patients' chosen surrogates do. *Medical Decision Making.* 2000; 20: 271-280.
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9. Munro GD, Ditto PH, Klepac Lockhart L, **Fagerlin A,** Gready RM, Peterson EC. Biased assimilation of political arguments: evaluating the 1996 Presidential Debate. *Basic and Applied Social Psychology.* 2002; 24(1): 15-26.
10. Werner RM, Alexander GC, **Fagerlin A,** Ubel PA. The "hassle factor": what motivates physicians to manipulate reimbursement rules? *Archives of Internal Medicine*. 2002; 162(101): 1134-1139.
11. **Fagerlin A,** Ditto PH, Hawkins NA, Schneider CE, Smucker W. The use of advance directives in end-of-life decision making: problems and possibilities. *American Behavioral Scientist.* 2002; 46: 268-283.
12. Alexander GC, Werner RM, **Fagerlin A,** Ubel PA. Support for physician deception of insurance companies among a sample of Philadelphia residents. *Annals of Internal Medicine*. 2003; 138: 472-475.
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Peer-Reviewed Publications In Press

1. Gavaruzzi, T, Lotto, L, Rumiati, R, & **Fagerlin, A.** What makes a tumor diagnosis a call to action? On the preference for action vs. inaction. *Medical Decision Making.* In press.
2. Zikmund-Fisher BJ, **Fagerlin A**, Ubel PA. Risky feelings: Why a 6% risk of cancer doesn't always feel like 6%. *Patient Education and Counseling*. In Press.
3. Skolarus T, Holmes-Rovner M, Northouse L, **Fagerlin A**, Garlinghouse C, Demers R, Rovner D, Darwish-Yassine M, Wei J. Primary care perspectives on prostate cancer survivorship: Implications for improving quality of care. *The Nurse Practitioner: The American Journal of Primary Healthcare.* In Press.

Manuscripts In Submission

1. Dillard A, Ubel PA, Smith DM, Zikmund-Fisher BJ, Nair V, Derry HA, Zhang A, Pitsch RK, Hensley Alford S, McClure JB, **Fagerlin A.** The influence of comparative risk perceptions on the decision to take a breast cancer prevention medication. In resubmission.
2. Singer E, Couper MP, **Fagerlin A**, Fowler Jr FJ, Levin CA, Ubel PA, Van Hoewyk J, Zikmund-Fisher BJ. The role of perceived benefits and costs in patients' medical decisions. In submission.

3. **Fagerlin A,** Dillard AJ, Smith DM, Zikmund-Fisher BJ, Pitsch R, McClure JB, Greene S, Alford SH, Nair V, Hayes DF, Wiese,C & Ubel PA. Women's interest in taking tamoxifen and raloxifene for breast cancer prevention: Response to a tailored decision aid. In resubmission.

4. Gavaruzzi T., Lotto L., Zikmund-Fisher BJ, Ubel PA, & **Fagerlin A**. The "equipoise" of deciding whether to get screened for prostate cancer: One decision at a time or the whole path at once? In submission.

5. Skolarus T, Holmes-Rovner M, Northouse L, **Fagerlin A**, Garlinghouse C, Demers R, Rovner D, Darwish-Yassine M, Wei J. Primary care perspectives on prostate cancer screening. In submission.

Chapters In Books

1. VanderStoep SW, **Fagerlin A,** Feenstra JS. What do students remember from introductory psychology? In: Griggs RA, ed. *Handbook for Teaching Introductory Psychology: With an Emphasis on Assessment.* Mahwah, NJ: Lawrence Erlbaum Associates, Inc.; 2002: 3: 8-11.

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Other Media

1. **Fagerlin A,** Schneider CE. Living wills: not a be-all and end-all. Op-Ed in *Los Angeles Times*. November 12, 2003 (Republished in numerous other newspapers and in textbooks).

Abstracts, Preliminary Communications, Clinical Papers

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