

CURRICULUM VITAE
BRADFORD W. HESSE

EDUCATION

University of Utah, Salt Lake City, UT

Ph.D. in Social Psychology **1988**

Areas of research: Social Effects of Computer Mediated Communication, Program Evaluation in Medical Informatics (Jointly Funded by the University of Utah Medical Center), Computerized Assessment (with VA Hospital, Salt Lake City Utah)

University of Utah, Salt Lake City, UT

M.S. in Social Psychology **1986**

Area of research: Mass Media Effects on Violence, Social Effects of Computer-Mediated Communication

Brigham Young University, Provo, UT

B.S. Psychology **1982**

magna cum laude

APPOINTMENTS

National Cancer Institute, Rockville, MD. Branch Chief: Health Communication and Informatics Research Branch (HCIRB) **2003 – 2019**

Westat, Rockville, MD. Senior Study Director: Health Studies Division **1999 - 2003**

American Institutes for Research, Palo Alto CA / Washington DC **1989-1999**
Senior Scientist: Center for Research on Technology

University of San Francisco, CA **1991-1996**
Adjunct Professor: Professional Studies Program

Carnegie Mellon University, Pittsburgh PA. Postdoctoral NIMH Training Fellow: Department of Social & Decision Sciences **1988-1990**

SCIENTIFIC PRODUCTIVITY: GOOGLE SCHOLAR

	All	Since 2016
Citations	11689	6471
h-index	48	37
i10-index	115	91

HONORS AND AWARDS

- Society of Behavioral Medicine: *Behavioral Medicine Service Award*. April 16, 2021.

2017
 - NCI Director's Award: *Group Award for work on President's Cancer Panel report for Improving Cancer Outcomes through Connected Health*. October 18, 2017.

2017
 - Received a "Highly Commended" award from the British Publishing Association for "*Oncology Informatics: Using Health Information Technology to Improve Processes and Outcomes in Cancer Care*."

2017
 - Received the PROSE (Professional and Scholarly Excellence) Award for "*Best Book in Clinical Medicine*," 2017. Award was announced by the Association of American Publishers on February 3, 2017.

2016
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- American Psychological Association (APA) Meritorious Research Service Commendation. Washington DC. **2015**
 - Translational Health Communication Scholar Award, *DC Health Communications Biennial Conference*. Fairfax, VA. **2014**
 - Cancer Special Interest Group "SIGGIE" award, *Society of Behavioral Medicine*. Philadelphia, PA. **2014**
 - Elected Chair (1 year appt) of the American Psychological Association's *Publications and Communications Board*. **2013**
 - Appointed Advisory Board Member to the VA: Houston, TX. **2013**
 - NCI Director's Award: *Group Award for "For pioneering an open data platform across surveillance sources with cross-agency and international implications"*
 - Awarded Fellow Status within the Society of Behavioral Medicine **2012**
 - NCI Director's Award: *Individual Award for "Exceptional leadership and vision in cancer communication and informatics science"* **2011**
 - NCI Director's Award: *Group Award for "Leadership in bridging science to practice in the field of consumer health informatics"* **2011**
 - NCI Director's Award: *Group Award for "Development of an innovative database for researchers to collaborate and share behavioral constructs, measures, and data using Web 2.0 technologies"* **2010**
 - Elected to Publication and Communication Board, American Psychological Association **2010-2016**
 - Appointed Special Communication Advisor to the Board: Society of Behavioral Medicine **2010-2016**
 - American Journal of Nursing "Book of the Year Award: Public Health" **2009**
 - NCI Director's Award: *Group Award for "Innovation and dedication resulting in NCI's first-ever Health Information National Trends Survey (HINTS) and accompanying website"* **2006**
 - 2005 NAGC Blue Pencil and Gold Screen Award: Award of Excellence, HINTS Web site **2005**
 - Appointed Chair of the Web Evaluation and Development Services Committee by Westat CEO **2002-2003**
 - Appointed Member of Electronic Resources Advisory Panel (ERAP), Subcommittee to the P&C Board, American Psychological Association **2001-Present**
 - Elected Member of the Interoffice Governance Council, *American Institutes for Research, Washington DC Representative* **1997-1999**
 - Elected Member of the Interoffice Governance Council, *American Institutes for Research, Palo Alto, CA Representative* **1993-1996**
 - National Institute of Mental Health Postdoctoral Fellowship **1988-1990**
 - Science Directorate Award, American Psychological Association **1988**
 - National Institute of Mental Health Pre-Doctoral Internship **1982-1985**
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- Presidential Scholarship, Brigham Young University **1975**
- Placentia Unified School District Scholarship **1975**
- National Honor Society **1974**

PROJECT MANAGEMENT HISTORY

National Cancer Institute, Rockville MD (2003-2019)

Chair, Linking and Amplifying User-Centered Networks through Connected Health: The LAUNCH Initiative. **2017-2019**

Assembled and led a consortium of five organizations in a public-private demonstration project designed to improve responsiveness to cancer patient needs through the use of Connected Health technologies. Organizations include: National Cancer Institute, Federal Communications Commission (Connect2Health Task Force), Amgen, University of California at San Diego Design Lab, and the Markey Cancer Center in Lexington, Kentucky.

Branch Chief, Health Communication and Informatics Research **2004 – 2018**

Worked collaboratively with NCI Colleagues to set the scientific agenda for cancer communication and informatics research. Supervised extramural grants in cancer communication, including the branch's premiere investment in the Centers for Excellence in Cancer Communication Research (CECCRs).

Director, Health Information National Trends Survey (HINTS) **2003 – 2019**

Supervised ongoing data collection and analysis efforts on a biennial, general population survey of adults 18 years and older. Established a policy of data sharing within the research community and in pursuit of that policy directed efforts to support research on the public database through online informatics support and through conferences. Analyzes and publishes data from the survey to information communication planners and researchers.

Research Director, User-Centered Informatics Research (UCIR) **2003 - 2006**

Outlined a research program to embed behavioral support within the development cycle of the institute's substantive investments in informatics infrastructure. Reconstituted a capacity to offer *Usability Evaluation* services to development teams within the NCI's intramural and extramural communities. Fostered strategic relationships with the University of Maryland, the University of California at San Francisco, and the University of Maryland.

Westat, Rockville MD (1999-2003)

2001-2003

Project Director, Health Information National Trends Survey (HINTS) for the National Cancer Institute

Directed the baseline construction of a general population, nationally representative telephone survey using a list-assisted Random Digit Dial Telephone Survey. Worked with cancer communication scholars to draft questions within the questionnaire, and then conducted concurrent think-aloud procedures in Westat's cognitive laboratory to improve meaning (project funding: \$1.3 million).

Task Order Director, Web Evaluation Services for the Centers for Disease Control and Prevention **2000-2003**

Assisted CDC in evaluating health communication programs by conducting: health problem analysis and synthesis; exploratory research with audiences, including the analysis of market research; concept identification and testing; message pretesting; materials testing, tracking, and process evaluation; and outcome, impact, and effectiveness evaluations (project funding: \$700 K).

Collaborating centers, institutes, and offices included:

- CDC Office of Communication
- National Breast and Cervical Cancer Early Detection Program
- Office of Smoking and Health

Team Director, National Study of Health and Activity (NSHA) for the Social Security Administration **1999-2002**

Developed a decision support system by which state-based disability evaluation specialists were to interpret self-report and medical data from a national survey into individual determinations of eligibility for social security benefits. The task one component within a multimillion dollar effort by the Social Security Administration to develop national estimates of disability through personal interviews, medical examinations, the collection of medical records, and a review by state Disability Determination Services (overall project funding: \approx \$20 million).

American Institutes for Research (1989-1999)

Project Director, Program Evaluation of the Technology Innovation Challenge Grant for the Department of Education **1997-1999**

Conducted a formative evaluation for the Department of Education's Technology Innovation Challenge Grant Program, a granting program funded by congress to improve educational outcomes and to provide experience with computer technology for students in grades K-12 (project funding: \$300 K).

Co-Director, Integration of Research into a New Disability Determination Methodology for the Social Security Administration **1997-1999**

Supervised efforts to incorporate findings from research being conducted internally and within schools of medical rehabilitation into a data-based prototype for a decision methodology to determine disability status (project funding: \$6 million).

Principal Investigator, Augmenting Data Dissemination Technologies for the National Center for Education Statistics (NCES). **1996-1998**

Utilized a grant from the National Center for Education Statistics (NCES) to develop a prototype system for facilitating data sharing and dissemination using capabilities enabled by the emerging National Information Infrastructure architecture (development budget: \$200 K).

Co-PI, Performance Assessment for Self-Sufficiency (PASS) for the Office of Special Education Programs. **1990-1996**

Worked on a multi-year development project to develop a decision support system for resource-allocators in federal and state departments of special education. The project consisted of two major components: (a) the development of a psychometrically sound assessment instrument on students' physical, cognitive, and functional abilities, and (b) a rule-based "expert system" using state of the art techniques in knowledge inference to transform observations into knowledge-based interpretations (Budget over multiple years: \$1.2 Million).

Co-Founder/Director: Center for Research on Technology, American Institutes for Research. **1990-1996**

Directed continuing efforts to provide commercial and government clients with full-service human factors support in an effort to improve the usability of computer hardware and software projects. Projects ran the full gamut of usability methodologies including both laboratory and field-based observations, between-subjects and within-subjects designs, competitive comparisons, formative studies, summative evaluations, low and high fidelity prototyping, heuristic reviews, prototyping, and marketing evaluations (\$16 Million). Illustrative projects are as follows:

- Project Director. A comparative study of keyboard prototypes, for Apple Computer (1990).
- Developer. Data structures for a "Critical Incident" review of *Grateful Med* for the National Libraries of Medicine (1990).
- Project Director. An assessment of typing speed using a split-keyboard designed to prevent Repetitive Stress Injuries, for Apple Computer (1990).
- Project Director, Evaluation of the Articulation System Stimulating Inter-Institutional Student Transfer (ASSIST), a computerized information system to facilitate transfer of community college students to four year institutions, for the California Board of Regents (1991).

- Project Director. A comparative evaluation of color and its perceived attributes among prototypes of the Apple PowerBook, for Apple Computer (1991).
- Project Director. At-home usability testing of the Apple Performa, for Apple Computer (1992).
- Project Director. Usability evaluation of a manual disk drive ejection system, for Apple Computer (1992).
- Project Director. An assessment of user perceptions across varying levels of virtual memory processing, for Apple Computer (1992).
- Project Director. A comparative, "out-of-the-box" assessment of an Apple file server against an a file server produced by a leading competitor, for Apple Computer (1992).
- Project Director. Third Year Continuation of Project MATCH: Designing a Flexiplace Program for Persons with Disabilities, for the Department of Defense (1992-1994). Directed an effort to implement flexiplace (i.e., telecommuting) as a viable work alternative for persons with disabilities working for the Department of Defense. The effort was one in a series of projects designed for removing barriers to employment among civilian employees with disabilities in the Department.
- Project Director (in Palo Alto), Computer-Based Health History Questionnaire for Screening Blood Donors, for the Food and Drug Administration (1992). Contributed to a project out of AIR's Washington office to create a Computer-Administered Self Interview (CASI) for potential blood donors. The project followed a line of research suggesting that computer-based interviews can produce more candid responses to sensitive questions. The role of the Palo Alto office was to develop a utility to help health historians review donor data and resolve discrepancies using a complete set of on-line prompts and definitions.
- Project Director. A formative evaluation of the Microsoft Sound System, for Microsoft Corporation (1993).
- Project Director. A broad-scale, usability evaluation of the Media Vision sound card, for Media Vision (1993).
- Project Director. A formative usability evaluation of Photoshop, for Adobe Systems (1993).
- Project Director. A comparative evaluation of keyboard design, for Apple Computer (1994).
- Project Director. An internal, ergonomic comparison of alternative disk drive designs, for Apple Computer (1994).
- Project Director. Collecting standardized samples of digitized handwriting for bolstering pattern recognition routines in the Newton Computer, for Apple Computer (1994).
- Project Director. Formative usability testing comparing XSoft's TabWorks to the program manager in Microsoft's Window's 95, for XSoft/Xerox (1994).
- Project Director. Ongoing user support for the TabWorks project development team, for XSoft/Xerox (1995).
- Project Director. Formative Usability Testing of SmokeFree: Demonstration Software and Prototype, for Health Promotion Services under a Small Business Innovation Research Grant from the National Institutes for Health (1995).
- Project Director. Evaluating the navigability of World Wide Web home pages, for the Nomura Research Institute of Japan (1995).
- Project Director. Formative Usability and Usage Testing for the Paladin Complete Office System, for Apple Computer (1995).
- Project Director. Application of Expert Systems Technology to the Occupational Compensation Survey, for the Bureau of Labor Statistics (1993-1995).
- Task Director (Palo Alto). Development of an occupational database to replace the Dictionary of Occupational Titles: O*NET, for the Department of Labor (1994-1995). Project was a large, multimillion dollar effort to replace the Dictionary of Occupational Titles with an electronic

database of occupational information (O*NET).

- Project Director. The Effect of time delay on human computer interaction, for Enter Television (1995). Directed an effort to determine the effects of time delay on communication behaviors and satisfaction within an audio-enhanced computer network. The study involved conducting a between-subjects, experimental comparison of communications behaviors at levels of no delay, 600 millisecond delay, 1200 millisecond delay, and 1600 millisecond delay.
- Project Director. Comparative evaluation of a new mouse prototype design and accompanying software, for Microsoft, Inc. (1996).

Employment Equity Analyst, Applied Behavioral Research Group. 1989-1991

Performed employment equity analyses in support of litigation activities. Analyses were performed using the SAS statistical software and data management using on large scale databases of 60,000 cases or more. Illustrative projects included:

- Analyst, Employment Discrimination Analyses for Macy and Lary v. Garrett (Secretary of the Navy). For the US Navy (1989-1991).
- Analyst, Employment Discrimination Analyses for the Case of Sylvester v. the United States Air Force. For the United States Air Force (1989-1990).
- Analyst, Employment Discrimination Analyses for the Case of Lewis v. United States Bureau of Printing and Engraving, for the U.S. Bureau of Printing and Engraving (1989).

CLASSES TAUGHT

National Cancer Institute (2003-2013)

- **Annual Lectures within Cancer Prevention Curriculum.** Was asked to give annual lecture on cancer communication and informatics as part of the NCI's summer curriculum. *Average Student Rating (most recent): 4.74* (on a 1-5 scale, with 5 as exceptional). [Pro Bono] **2005-2018**
- **Invited Classroom Lectures.** Johns Hopkins School of Public Health. Invited to give graduate student lecture on the role of informatics, communication, and big data in public health. [Pro Bono] **2014-2018**
- **Invited Classroom Lectures.** Uniform Services University of the Health Sciences, lecture on communicating health data. [Pro Bono] **2011**
- **Invited Classroom Lecture.** University of Maryland: course on health communication (Nancy Atkinson). Invited lecture on cancer communication and informatics research. [Pro Bono] **2009**
- **Invited Classroom Lecture.** George Mason University: advanced graduate course on health communication (Gary Kreps). Invited lecture on the Health Information National Trends Survey. [Pro Bono] **2005**

University of San Francisco, Adjunct Professor (1991-1996)

- **Research Methodology, Statistics, and Senior Project Review.** Created syllabus, developed lecture series, and taught evening series to continuing professionals over a 24 week period. Series taught students the basics of research methodology and statistics in the social sciences. **1992-1995**
- **Systems, Technology, and Change.** Taught graduate level seminar to students enrolled in a masters of communication degree at the University of San Francisco. **1993**
- **Human Factors of Information Systems.** Taught concepts of usability, human factors, and social effects of technology to continuing Information **1992-1994**

Technology professionals employed by exemplar companies in Santa Clara County, CA (i.e., Silicon Valley).

- **Introduction to Social Psychology.** Taught an introduction to social psychology core to undergraduates in the University's San Ramon campus. **1991-1994**

Carnegie Mellon University, Department of Social & Decision Sciences (1988-1990)

Postdoctoral Fellow. Served as the instructor for an advanced class on information systems and pursued research on organizational aspects of computing. One illustrative project involved analyzing the impact of electronic connectivity on the productivity, work life, and community of research scientists. The project involved collecting data from a sample of physical oceanographers through the use of an electronically administered mail survey.

University of Utah, Departments of Psychology and Medical Informatics (1982-1988)

Graduate Assistant and Teaching Fellow. Training included experimental design, advanced multivariate statistical procedures, social cognition, organizational behavior, environmental psychology, and program evaluation. The training program also offered opportunities to get involved in hands-on, applied research experiences. One such opportunity involved participating in a research effort at the University of Utah Medical Center to develop an expert system for medical students. The expert system provided third and fourth year medical students with training and decision-making experience in diagnosing illness. Another, similar practicum involved designing a computer-assisted assessment device for distinguishing patients with true organic brain dysfunction from patients with pseudo-dementia. General responsibilities throughout this period included teaching, providing statistical and methodological consultation, conducting statistical analyses, computer application development, and conducting basic science research into psychological aspects of computing.

Brigham Young University Missionary Training Institute (1980-1982).

Instructor. Taught time-intensive, beginning language course in Spanish to volunteers going through the University's language training institute.

PROFESSIONAL ASSOCIATIONS

American Psychological Association	1990-present
Association for Computing Machinery, Special Interest Group on Human Computer Interaction (SIG-CHI)	1991-present
American Psychological Society	1999-2016
American Medical Informatics Association	2003-present
International Communication Association	2003-present
Society of Behavioral Medicine	2006-present
Usability Professionals Association	1992-2005
American Public Health Association	1999-2003
American Management Association	1989-1996

PRECEPTOR (NATIONAL CANCER INSTITUTE)

Melinda Krakow, PhD MPH	2016 - 2018
Alexandra J. Greenberg, PhD MPH	2015-2016
A. Susana Ramirez, PhD MPH	2012-2014

Kia Davis, ScD, MPH	2007-2010
Wen-Ying Sylvia Chou, PhD MPH	2007-2010
Erika Waters, PhD MPH	2006-2009
Ellen Beckjord, PhD MPH	2005-2008
Helen Sullivan, PhD MPH	2005-2008
Lila Finney Rutten, PhD MPH	2003-2007
Whitney Randolph, PhD MPH	2003-2004

PUBLICATIONS AND TECHNICAL REPORTS

Books and Edited Journal Supplements

1. Hesse BW, Ahern DK, Beckjord E (Eds). (2016) *Oncology Informatics: Using Health Information Technology to Improve Processes and Outcomes in Cancer Care*. Woburn, MA: Elsevier, Academic Press.
2. Blake K, Chou W.Y., Prestin A. & Hesse B.W (Guest Eds.). (2013). *Cancer Communication in the Changing Media Landscape*, Special Supplement to the *Journal of the National Cancer Institute*.
3. Abernethy, A. & Hesse, B. W. (Guest Eds.). (2011). *Information Technology as a Platform for Evidence implementation*. *Translational Behavioral Medicine: Practice, Policy, Research*. 1, 1. New York, NY: Springer.
4. Rutten, L. F., Hesse, B. W., Moser, R. P., & Kreps, G. L. (Eds.). (2010). *Building the Evidence Base in Cancer Communication*. Cresskill, NJ: Hampton Press.
5. Hesse, B. W. & Johnson, L.E. (Guest Eds.). (2010). *Extending the Reach, Effectiveness, and Efficiency of Communication: Evidence from the Centers of Excellence in Cancer Communication Research*. *Patient, Education, and Counseling*. 81S1. Woburn, MA: Elsevier.
6. Rutten, L. F., Hesse, B.W., Moser, R. P., & Blake, K. (Guest Eds.). (2010). *Partners in Progress: Informing the Practice and Science of Health Communication through National Surveillance*. *Journal of Health Communication*, 15, Supp 3. New York, NY: Taylor and Francis.
7. Nelson, D.E., Hesse, B.W., & Croyle, R.T. (2009). *Making data talk: Communicating public health findings to journalists and the public*. New York, NY: Oxford University Press.
8. Hesse, B.W. (Guest Editor). (2005) *The Health Information National Trends Survey (HINTS): Research from the baseline*. *Journal of Health Communication*, 10, Supp 1. New York, NY: Taylor and Francis.
9. Atienza, A.A., Hesse, B.W., Ahern, D.A., & Baker, T.B. (Editors). (2007). *Critical Issues in eHealth Research*. *American Journal of Preventive Medicine*, 32, 5Supp. Woburn, MA: Elsevier.

Journal Articles, Book Chapters

1. Hesse BW: Health Communication Research and Practice at the Level of Government, Foundations, Public Policy, and NGOs. In T. L. Thompson and N. G. Harrington (eds), *Handbook of Health Communication*. Milton Park, Abingdon UK: Routledge, 2021.
2. Mangold KN, Gallicchio L, Gaysynsky A, et al.: Feasibility of collecting patient-generated health data

- to enhance cancer registry surveillance. *J Cancer Surviv.* 2021.
3. Hesse BW, Conroy DE, Kwasnicka D, et al.: We're all in this together: recommendations from the Society of Behavioral Medicine's Open Science Working Group. *Transl Behav Med.* 2021.
 4. Hesse BW: Riding the Wave of Digital Transformation in Behavioral Medicine. *Ann Behav Med.* 2020, 54:960-967.
 5. Lee M, Kang D, Yoon J, et al.: The difference in knowledge and attitudes of using mobile health applications between actual user and non-user among adults aged 50 and older. *PLoS One.* 2020, 15 : e0241350.
 6. Moser RP, Arndt J, Jimenez T, Liu B, Hesse BW: Perceptions of cancer as a death sentence: Tracking trends in public perceptions from 2008 to 2017. *Psychooncology.* 2020.
 7. Chih M-Y, McCowan A, Whittaker S, et al.: The landscape of connected cancer symptom management in rural America: A narrative review of opportunities for launching connected health interventions. *Journal of Appalachian Health.* 2020, 2:64-81.
 8. McComsey M, Ahern DK, Vanderpool RC, et al.: Experiencing Cancer in Appalachian Kentucky. *Journal of Appalachian Health.* 2020, 2:74-116.
 9. Finney Rutten LJ, Blake KD, Skolnick VG, Davis T, Moser RP, Hesse BW. Data Resource Profile: The National Cancer Institute's Health Information National Trends Survey (HINTS). *Int J Epidemiol.* 2020;49(1):17-17j.
 10. Finney Rutten LJ, Blake KD, Matthews MR, Hesse BW, Moser RP: Patient Reports of Involvement in Health Care Decisions: Falling Short of Healthy People 2020 Objectives. *J Health Commun.* 2020, 25:484-489.
 11. Alfano CM, Mayer DK, Beckjord E, et al. Mending Disconnects in Cancer Care: Setting an Agenda for Research, Practice, and Policy. *JCO Clin Cancer Inform.* 2020; 4:539-546.
 12. Hesse BW, Ahern DK, Ellison M. Barn-raising on the digital frontier: The L.A.U.N.C.H. Collaborative. *Journal of Appalachian Health.* 2020;2(1):6-20.
 13. McComsey M, Ahern DK, Vanderpool RC, et al. Experiencing Cancer in Appalachian Kentucky. *Journal of Appalachian Health.* 2020;2(3):74-116.
 14. Hesse BW. Role of the Internet in Solving the Last Mile Problem in Medicine. *J Med Internet Res.* 2019;21(10): e16385.
 15. Blake KD, Thai C, Falisi A, Chou WS, Oh A, Jackson D, Gaysynsky A, Hesse BW. Video-Based Interventions for Cancer Control: A Systematic Review. *Health Educ Behav.* 2019:1090198119887210.Finney Rutten LJ, Blake KD, Skolnick VG, Davis T, Moser RP, Hesse BW. Data Resource Profile: The National Cancer Institute's Health Information National Trends Survey (HINTS). *Int J Epidemiol.* 2019.
 16. Greenberg-Worisek AJ, Kurani S, Finney Rutten LJ, Blake KD, Moser RP, Hesse BW. Tracking Healthy People 2020 Internet, Broadband, and Mobile Device Access Goals: An Update Using Data from the Health Information National Trends Survey. *J Med Internet Res.* 2019;21(6): e13300.
 17. Krakow M, Hesse BW, Oh A, Patel V, Vanderpool RC, Jacobsen PB. Addressing Rural Geographic Disparities Through Health IT: Initial Findings from the Health Information National Trends Survey. *Med Care.* 2019;57 Suppl 6 Suppl 2: S127-S132.

18. Peterson EB, Chou WS, Kelley DE, Hesse B. Trust in national health information sources in the United States: comparing predictors and levels of trust across three health domains. *Transl Behav Med.* 2019.
19. Finney Rutten LJ, Blake KD, Greenberg-Worisek AJ, Allen SV, Moser RP, Hesse BW. Online Health Information Seeking Among US Adults: Measuring Progress Toward a Healthy People 2020 Objective. *Public Health Rep.* 2019;134(6):617-625.
20. Beckjord, E., Hesse, B. W., & Ahern, D. K. (2019). Behavioral Medicine and Informatics in the Cancer Community. In M. H. Edmunds, Christopher; Holve, Erin (Ed.), *Consumer Informatics and Digital Health: Solutions for Health and Health Care*. Switzerland: Springer Nature.
21. Bluethmann, S. M., Coa, K. I., Alfano, C. M., & Hesse, B. W. (2018). Electronic Health Information Exchange Opportunities for Self-management of Care: Responses from Older Adults With and Without Cancer History in the United States. *Curr Oncol Rep*, 20(4), 30. doi:10.1007/s11912-018-0674-1
22. Greenberg, A. J., Haney, D., Blake, K. D., Moser, R. P., & Hesse, B. W. (2018). Differences in Access to and Use of Electronic Personal Health Information Between Rural and Urban Residents in the United States. *J Rural Health*, 34 Suppl 1, s30-s38. doi:10.1111/jrh.12228
23. Hesse, B. W. (2018). Can psychology walk the walk of open science? *Am Psychol*, 73(2), 126-137. doi:10.1037/amp000197
24. Hesse, B. W. (2018). Impacts of Emerging Fundamental Science on Health, Behavior, and their Interaction. In E. B. Fisher, L. D. Cameron, A. J. Christensen, U. Ehlert, Y. Guo, B. Oldenburg, & F. J. Snoek (Eds.), *Principles and Concepts of Behavioral Medicine: A Global Handbook* (pp. 1087-1110). New York, NY: Springer.
25. Hesse, B. W., Beckjord, E., & Ahern, D. K. (2018). Role of Technology in Behavior Change to Expand Reach and Impact on Public Health. In M. Hilliard, K. Riekert, J. Ockene, & L. Pbert (Eds.), *Handbook of Health Behavior Change 5th Edition* (pp. 525-544). New York, NY: Springer.
26. Krakow, M., Ratcliff, C. L., Hesse, B. W., & Greenberg-Worisek, A. J. (2018). Assessing Genetic Literacy Awareness and Knowledge Gaps in the US Population: Results from the Health Information National Trends Survey. *Public Health Genomics*, 1-6. doi:10.1159/000489117
27. Roberts, M. C., Ferrer, R. A., Rendle, K. A., Kobrin, S. C., Taplin, S. H., Hesse, B. W., & Klein, W. M. P. (2018). Lay Beliefs About the Accuracy and Value of Cancer Screening. *Am J Prev Med*, 54(5), 699-703. doi:10.1016/j.amepre.2018.02.002
28. Tarver, W. L., Menser, T., Hesse, B. W., Johnson, T. J., Beckjord, E., Ford, E. W., & Huerta, T. R. (2018). Growth Dynamics of Patient-Provider Internet Communication: Trend Analysis Using the Health Information National Trends Survey (2003 to 2013). *J Med Internet Res*, 20(3), e109. doi:10.2196/jmir.7851
29. Tevaarwerk, A. J., Klemp, J. R., van Londen, G. J., Hesse, B. W., & Sesto, M. E. (2018). Moving beyond static survivorship care plans: A systems engineering approach to population health management for cancer survivors. *Cancer*, 124(22), 4292-4300. doi:10.1002/cncr.31546
30. Thai, C. L., Gaysynsky, A., Falisi, A., Chou, W.-Y. S., Blake, K., & Hesse, B. W. (2018). Trust in Health Information Sources and Channels, Then and Now: Evidence from the Health Information National Trends Survey (2005–2013). In T. M. Hale, W.-Y. S. Chou, S. R. Cotten, & A. Khilnani (Eds.), *e-Health: Current Evidence, Promises, Perils, and Future Directions* (pp. 43-68). Bingley, UK: Emerald Publishing.
31. Scherr, C. L., Dean, M., Clayton, M. F., Hesse, B. W., Silk, K., Street, R. L., Jr., & Krieger, J.

- (2017). A Research Agenda for Communication Scholars in the Precision Medicine Era. *J Health Commun*, 22(10), 839-848. doi:10.1080/10810730.2017.1363324
32. Beckjord, E., Ahern, D. K., & Hesse, B. W. (2017). Behavioral Medicine and Informatics in the Cancer Community. In M. Edmunds, C. Hass & E. Holve (Eds.), *Consumer Informatics and Digital Health: Solutions for Health and Health Care*. New York, NY: Springer.
 33. Hesse, B. W. (2017). Big Data's Role in Health and Risk Messaging. In R. Parrott (Ed.), *Oxford Research Encyclopedia of Communication* (pp. 14-26). New York, NY: Oxford University Press.
 34. Hesse, B. W. (2017). Foreword: Cognitive Informatics. In V. L. Patel, J. F. Arocha & J. S. Ancker (Eds.), *Cognitive Informatics in Health and Biomedicine: Understanding and Modeling Health Behaviors* (pp. vii-xii). New York, NY: Springer.
 35. Greenberg, A. J., Falisi, A. L., Finney Rutten, L. J., Chou, W. S., Patel, V., Moser, R. P., & Hesse, B. W. (2017). Access to Electronic Personal Health Records Among Patients with Multiple Chronic Conditions: A Secondary Data Analysis. *J Med Internet Res*, 19(6), e188. doi:10.2196/jmir.7417
 36. Greenberg, A. J., Haney, D., Blake, K. D., Moser, R. P., & Hesse, B. W. (2017). Differences in Access to and Use of Electronic Personal Health Information Between Rural and Urban Residents in the United States. *J Rural Health*. doi:10.1111/jrh.12228
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164. Hesse BW. Curb cuts in the virtual community: Telework and persons with disabilities. . Paper presented at: 28th Annual Hawaii International Conference on System Sciences 1995; Maui, HI.
165. Hesse BW, Sproull L, Kiesler SB, Walsh JP. Returns to science: computer networks in oceanography. *Commun. ACM.* 1993;36(8):90-101.
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- computer network survey. *Public Opinion Quarterly*. 1992;56(2):241-244.
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Technical Reports

1. Hesse B.W., Cole G. & Powe B. (2012) *Partnering Against Cancer Today (PACT): A Blueprint for Uniting Action through Communication Science*. White paper for public comment. Washington, DC: National Cancer Institute.
2. Rutten L.F., Moser R.P., Beckjord E.B., Hesse B.W., Croyle R.T.. (2007) *Cancer Communication: Health Information National Trends Survey*. Washington, D.C.: National Cancer Institute. NIH Pub. No. 07-6214.
3. Hesse, B.W., Davis, T., Crafts, J., and Odam, K. (2003). Phase I Evaluation Report: The National Breast and Cervical Cancer Early Detection Program (Prepared under contract to the Centers for Disease Control and Prevention), Rockville, MD: Westat.
4. Hesse, B.W., and McNutt, S. (2002). The National Children's Study recruitment and retention: Focus group moderator's guide (Prepared under contract to the U.S. Environmental Protection Agency). Rockville, MD: Westat.
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8. Hesse, B.W., and Elinson, L. (1999). *Simulating disability determination within the Disability Evaluation Study: Study design and methodology* (Prepared under contract to the Social Security Administration). Rockville, MD: Westat.
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14. Hesse, B.W., and Beaver, S. (1996). *Comparative performance test and attitude survey: Magellan vs. Casablanca*. Palo Alto, CA: American Institutes for Research.
15. Hesse, B.W., and Wolman, J. (1995). A study of the feasibility of evaluating transition planning as a function of using the PASS system. Palo Alto, CA: American Institutes for Research.
16. Hinds, P., and Hesse, B.W. (1995). *Formative usability testing of SmokeFree: Demonstration software and prototype*. Palo Alto, CA: American Institutes for Research.
17. Hesse, B.W., and Broomhall, N. (1995). *The effects of time delay on communication behavior and participant satisfaction*. Palo Alto, CA: American Institutes for Research.
18. Hesse, B.W. (1995). *Technical specifications for Match Maker: An expert system for matching establishment occupations to BLS classifications*. Palo Alto, CA: American Institutes for Research.
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20. Hesse, B.W., Campeau, P.L., and Wolman, J.M. (1994). *Recommendations and rationales for revisions to the PASS instrument and instructions*. Palo Alto, CA: American Institutes for Research.
21. Hesse, B.W., Campeau, P.L., and Wolman, J.M. (1994). *Technical documentation for the PASS expert system*. Palo Alto, CA: American Institutes for Research.
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23. Hesse, B.W., Wolman, J.M., and Silver, P. (1994). *User guide to the PASS expert system*. Palo Alto, CA: American Institutes for Research.
24. Hesse, B.W., and Broomhall, N. (1994). *Formative usability testing comparing XSoft TabWorks and Microsoft Chicago*. Palo Alto, CA: American Institutes for Research.
25. Hesse, B.W., and Weisgerber, R.A. (1994). DOD Disability Recruitment Research and Flexiplace

- Demonstration Program. Palo Alto, CA: American Institutes for Research.
26. Broomhall, N., and Hesse, B.W. (1994). *Usability assessment of Adobe's PhotoShop*. Palo Alto, CA: American Institutes for Research.
 27. Campeau, P.L., Wolman, J.M., and Hesse, B.W. (1993). *Study of anticipated services for students with disabilities exiting from school*. Palo Alto, CA: American Institutes for Research.
 28. Hesse, B.W. (1993). *Usability assessment of Pro Audio Studio 16: Ver 1.00*. Palo Alto, CA: American Institutes for Research.
 29. Hesse, B.W. (1993). *Usability findings for the Windows Sound System Voice Pilot Prototype*. Palo Alto, CA: American Institutes for Research.
 30. Hesse, B.W. (1993). Exploration of expert system technology for administering unstructured interviews: System documentation. Palo Alto, CA: American Institutes for Research.
 31. Broomhall, N., Hesse, B.W., and Claudy, J.C. (1993). *User preferences for keyboard type, aspect, and functionality* (Prepared under contract to Apple Computer). Palo Alto, CA: American Institutes for Research.
 32. Hesse, B.W., Claudy, J.C., and Broomhall, N. (1993). *The influence of reduced memory architecture on users' perceptions of speed and power* (Prepared under contract to Apple Computer). Palo Alto, CA: American Institutes for Research.
 33. Claudy, J.C., and Hesse, B.W. (1993). *A comparison of the Apple Menagerie Server with the Dell 466SE Powerline Server* (Prepared under contract to Apple Computer). Palo Alto, CA: American Institutes for Research.
 34. Matsumoto, C., Hesse, B.W., and Campeau, P. (1992). Study of anticipated services for students with disabilities exiting from school: Technical report of results of psychometric analysis of data from the PASS field test (Prepared under contract to the Office of Special Education Programs, U.S. Department of Education). Palo Alto, CA: American Institutes for Research.
 35. Hesse, B.W., and Claudy, J.C. (1992). *Usability testing of Apple's manual eject floppy drive system vs. prototypes* (Prepared under contract to Apple Computer). Palo Alto, CA: American Institutes for Research.
 36. Hesse, B.W., Wolman, J., and Campeau, P. (1991). *The use of multiple experts in acquiring knowledge for the PASS expert system* (Prepared under contract to the Office of Special Education Programs, U.S. Department of Education). Palo Alto, CA: American Institutes for Research.
 37. Hesse, B.W., Holmgren, R., Claudy, J.C., and Campeau, P. (1991). Using a computerized information system to facilitate transfer for community college students in California: A followup evaluation of Project ASSIST (Prepared under contract to the University of California). Palo Alto, CA: American Institutes for Research.
 38. Hesse, B.W., Claudy, J., and McLaughlin, D. (1990). *An assessment of typing speed, accuracy, and user's perceptions using the... design* (Prepared under contract to Apple Computer). Palo Alto, CA: American Institutes for Research.
 39. Hesse, B.W., Gilmartin, K., and Ananda, S. (1990). *Summary statistical analyses of supervisory appraisal ratings at McClellan Air Force Base, 1983-1988*. Palo Alto, CA: American Institutes for Research.
 40. Claudy, J., Hesse, B.W., and McLaughlin, D. (1990). *A comparative study of users' attitudes*

regarding... keyboards (Prepared under contract to Apple Computer). Palo Alto, CA: American Institutes for Research.

41. Hesse, B.W. (1989). *Analysis of machine production reports as an inference to employee rotation* (Prepared under contract to the Bureau of Engraving and Printing). Palo Alto, CA: American Institutes for Research.
42. Slaughter, J., Turner, C., Hesse, B., Wood, J., Schenkenberg, T., and Gottfredson, D. (1987). *Computerized mental status testing in the elderly: Preliminary study* (Prepared under contract to the National Institute of Mental Health). Palo Alto, CA: American Institutes for Research.
43. Barberri, E., Perrillo, R., Turner, C., and Hesse, B. (1984). *Using structural equations to predict productivity within business credit* (Prepared under contract to I.S.D., a division of T.R.W., Inc.). Palo Alto, CA: American Institutes for Research.

PRESENTATIONS

1. Hesse, BW. "Riding the Wave of Digital Transformation in Behavioral Medicine." Invited *Master Lecture* given to the 41st Annual Meeting of the Society of Behavioral Medicine. Virtual presentation as a result of COVID-19. June 23, 2020.
2. Hesse, BW. "The Last Mile Problem in Healthcare: How Behavioral Medicine Can Change the Narrative in Evidence Implementation." Presidential panel presentation at the 2019 meeting of the Society of Behavioral Medicine. March 8, 2019.
3. Heckler E, King A, Wilbanks J, & Hesse BW. "Open Science and Behavioral Medicine: What, Why, and How Should we Engage?" Presidential Panel at the 2019 meeting of the Society of Behavioral Medicine. March 8, 2019.
4. Hesse, BW. "International Implications of Establishing a Surveillance Program in Cancer Communication." Invited presentation for the George Mason HINTS-China Research Program, George Mason, Va. January 25, 2018.
5. Hesse, BW. "Testing Pilot Systems – Innovation in Design, Funding, and Demonstrating ROI." Presentation given at the ACS-sponsored "Roundtable on Mitigating the Adverse Effects of Cancer and its Treatment, Washington, DC. March 2, 2018.
6. Hesse, BW. "A Demonstration of Broadband-enabled Care for Rural Populations in Appalachia." Panel presentation at the NHIT Collaborative: Leveraging Health IT to Address Health Disparities, Health Information Management Systems Society (HIMSS) Annual Meeting, Las Vegas, NV. March 7, 2018.
7. Hesse BW. "The role of Internet resources in clinical oncology promises and challenges." Invited lecture to students and faculty at the Samsung Advanced Institute of Health Science Technology (SAIHST) in Seoul, South Korea. March 30th, 2018.
8. Hesse BW. "Improving Cancer Related Outcomes with Connected Health." Invited Plenary Session to the 5th Samsung Comprehensive Cancer Center Symposium organized jointly through the Samsun Comprehensive Cancer Center and Johns Hopkins University, Seoul, South Korea. March 31st, 2018.
9. Hesse BW. "Serendipitous Opportunities: Leveraging Legislative Priorities for the Advancement of Health Communication." Keynote presentation to the annual University of Kentucky Health Communication Conference, Lexington, KY. April 12, 2018.
10. Hesse BW. "Communicating Data to Patients through Health Information Technology." Invited presentation Columbia University's Turning the Tide: A New Generation of Public Health

Interventions Conference, Columbia University, NY. April 27, 2018.

11. Hesse BW. "Public Health & Digital Health: The Road to Discovery." Keynote presentation given to the Digital Health Promotion Executive Leadership Summit sponsored by The Society of Public Health Education (SOPHE), Washington, DC. June 6, 2018.
12. Hesse BW. "'Deep Support' in Patient and Population Health." Annual lecture given through the Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD. June 21, 2018.
13. Hesse BW. "Improving Cancer Outcomes through Wearable, Smart Phone, and Smart Home Devices." Invited Presentation to the Digital Health and Personal Connected Health Mini-symposium at the NRG Oncology Annual Meeting, Philadelphia, PA. July 12, 2018.
14. Hesse BW. "DCCPS Perspective on Cancer Health Equity." Panel presentation given at the Partnerships to Advance Cancer Health Equity (PACHE) Program Meeting, Rockville, MD.
15. Hesse BW. "Building Individualized Support for Patients at Scale." Represented Dr. Frances Collins as the NIH representative at the Health Care of the Future meeting, Portland, OR. September 20, 2018.
16. Hesse BW. "From Local to National Impact: How NCI-Designated Cancer Centers Can Work with National Partners to Accelerate Impact." Keynote presentation given to the UK Markey Cancer Center Affiliate Network annual meeting. Lexington, KY: October 10, 2018.
17. Hesse BW. "Advancing Research on the Processes and Effect of Improved Informatics Across the Cancer Control Continuum." Invited talk to the Defense Strategies Institute Professional Educational Forum: 15th DoD/VA and Government HIT Summit, Alexandria, VA. October 11, 2018.
18. Hesse BW & Ahern DK. "Linking and Amplifying User-Centered Networks through Connected Health: LAUNCH." Invited panel presentation at the Personal Connected Health Alliance (PCHA) annual "Connected Health" conference in Boston, MA. October 19, 2018.
19. Hesse BW, Randhawa G. & Oh A. "Challenges and Gaps for Optimizing Patient-focused Coordinated Care." Invited presentation to the Board on Human System Integration's public symposium on The Next Generation of Patient Focused Care: Health Care System Integration for Coordinated Care, National Academies of Sciences, Engineering, & Medicine, Washington, DC. November 1, 2018.
20. Hesse BW & Ahern DK. "Why LAUNCH? Rationale for a Connected Health Collaborative to Demonstrate User-Centered Design Improvements in Cancer Communication." Panel presentation at the annual meeting of the American Public Health Association's (APHA) annual meeting, San Diego, CA. November 12, 2018.
21. Hesse BW. "Improving Cancer-Related Outcomes with Connected Health: Implications from the 2016 President's Cancer Panel Report." Invited presentation to the Markey Cancer Center, University of Kentucky; January 25, 2017.
22. Hesse BW. "Patient Generated Health Data." Society of Behavioral Medicine annual meeting, pre-session, San Diego, CA; March 29, 2017.
23. Hesse BW. "Achieving the Quadruple Aim in Cancer Care." Plenary talk at the Wisconsin Institute for Healthcare Systems Engineering (WIHSE) Inaugural Conference, Madison, WI; March 16, 2017.
24. Hesse BW. "Mālama i Ka Pono: Sharing Stewardship over Population Health in Cancer Control and Prevention." Invited talk to the University of Wisconsin Cancer Center, Madison, WI; March 15,

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- 2017.
25. Hesse BW. "Linking and Amplifying User-Centered Networks through Connected Health: the L.A.U.N.C.H. Initiative." University of California at San Diego Qualcomm Institute; March 28, 2017.
 26. Hesse BW. "Moving Data into Action for Community Health." Society of Behavioral Medicine annual meeting; San Diego, CA; March 30, 2017.
 27. Ahern DK, Hesse BW, Beckjord E, Jacobsen P. "Improving Cancer-Related Outcomes with Connected Health: Implications from the 2016 President's Cancer Panel Report." Society of Behavioral Medicine annual meeting; San Diego, CA; March 31, 2017.
 28. Hesse BW. "Improving Cancer Related Outcomes with Connected Health." Invited presentation to the Board on Human System Integration, National Academies of Science; Washington, DC. May 24, 2017.
 29. Hesse BW. "Using Connected Health Technologies to Improve Cancer Surveillance." North American Association of Central Cancer Registries (NAACCR) annual meeting, Albuquerque, NM; June 20, 2017.
 30. Hesse BW. "Deep Support in Patient Care: Reengineering Healthcare to Support Patient-Centered Communication and Continuity of Care." Invited lecture given through the Johns Hopkins School of Public Health, Baltimore, MD; June 22, 2017.
 31. Hesse BW. "Harnessing the Power of an Intelligent Health Environment." Annual talk given to the NCI Cancer Prevention Fellowship, Summer Curriculum, Rockville, MD; August 2, 2017.
 32. Hesse BW. "Improving Cancer Related Outcomes with Connected Health." Invited talk given to the Bladder Cancer Advocacy Network (BCAN) research think tank, Charlotte, NC; August 4, 2017.
 33. Hesse BW. "The Role of Passive Monitoring in Improving Cancer Related Outcomes." September 14, 2017. Talk given at the NCI-hosted meeting, Precision Objective Measures for Remote Medicine, Rockville, MD. September 14, 2017.
 34. Hesse BW. "Population Health to Personalized Health – Translating Data into Action," panel participant at the National Capital Area Chapter of the Health Information Management and Systems Society (HIMSS), October 19, 2017.
 35. Hesse BW. "Health Communication and Informatics Research: Our Legacy, Our Relevance." Video-recorded presentation for grants-related panel at the annual meeting of the National Communication Association, Dallas, TX. November 17, 2017.
 36. Hesse BW. Extramural Research Opportunities through the National Cancer Institute. Invited talk given to the University of Maryland's Department of Research Development Resources; April 29, 2016: College Park, MD.
 37. Hesse BW. "The Role of Information Technology and Health Communication in Healthcare Delivery: The Case of Cancer." Grand Rounds presentation given to the Healthcare Services Research Department of the Mayo Clinic; April 25, 2016: Rochester, MN.
 38. Hesse BW. "Cancer Prevention and Control in the Changing Communication Landscape." Keynote address to the Broadcast Education Association's annual meeting; April 17, 2016: Las Vegas, NV.
 39. Hesse BW. "Precision Medicine: Opportunities for Research and Funding." Panel presentation given to the 2016 University of Kentucky Health Communication national scientific meeting; April

15, 2016: Lexington, KY.

40. Hesse BW. "Setting the Pace for Health Communication and Informatics Research." Invited talk given to the 2016 University of Kentucky Health Communication national scientific meeting; April 14, 2016: Lexington, KY.
41. Hesse BW. "Oncology Informatics: Using Health Information Technology to Improve Processes & Outcomes in Cancer." Panel presentation given at the 2016 meeting of the Society of Behavioral Medicine. April 2, 2016.
42. Hesse BW. "Bridging the Digital Divide in Health and Healthcare: Can Behavioral Medicine Help?" Panel presentation given at the 2016 meeting of the Society of Behavioral Medicine. March 31, 2016.
43. Hesse BW. "Advancing methods of 'infodemiology' in cancer research: A funder's perspective." Panel presentation given at the 2016 annual meeting of the IEEE Biomedical and Health Informatics conference; February 26, 2016: Las Vegas, NV.
44. Hesse BW. "Using Smart and Connected Technologies to Improve Patient Engagement for Cancer-Related Outcomes." Invited talk given at the NIMH Director's Innovation Speakers Series 2015-2016; January 21, 2016: Rockville, MD.
45. Hesse BW. "Latest Trends in Colorectal Cancer Screening: Communication." Invited panel presentation to the Colorectal Cancer Screening Roundtable; November 20, 2015: Arlington, VA.
46. Hesse BW. "Cancer Prevention in an Era of Informatics and Social Media." Keynote lecture to the University of Maryland's annual meeting; November 12, 2015: Baltimore, MD.
47. Hesse BW. "Report out on President's Cancer Panel." Invited talk to annual Connected Health Symposium; October 29, 2015: Boston, MA.
48. Hesse BW. "Big Data Enabled Healthcare Research." Invited talk to the 2015 Symposium on Data Science for Healthcare; September 25, Ridgefield, CT.
49. Hesse BW. "Technology in the American Healthcare Context." Invited talk to the University of Pittsburgh Medical Center (UPMC) Annual Conclave; September 24, Nemaquin, PA.
50. Hesse, B.W. Master Lecture: Using Big Data for Population Health. Invited keynote to the Society of Behavioral Medicine. April 25, 2015. San Antonio, TX.
51. Hesse, B.W. Decision Support Technology: Walking along a River of Change. Panel at the Cancer Special Interest Group, annual meeting of the Society of Behavioral Medicine. April 24, 2015. San Antonio, TX.
52. Hesse, B.W. Bridging the Gap through Connected Health Technologies. Invited talk to the Cancer Special Interest Group, annual meeting of the Society of Behavioral Medicine. April 22, 2015. San Antonio, TX.
53. Hesse, B.W. Homesteading on the Electronic Frontier. Award lecture given at the George Mason DC Health Communication Conference. April 17, 2015. Fairfax, VA.
54. Hesse, B.W. Medicine and the "Internet of Things." Invited lecture to the National Science Foundation. April 14, 2015. Arlington, VA.
55. Hesse, B.W. Data Visualization in Cancer Control. Invited talk as part of the University of

Maryland Data Visualization series. College Park, MD. February 13, 2015.

56. Hesse, B.W. Patient Engagement and Beyond: Opportunities for Collaboration between AMIA and the Society of Behavioral Medicine. Panel at the annual meeting of the American Medical Informatics Association. November 19, 2014.
57. Hesse, B.W. Engineering a High-Quality Environment for Patient-Centered Communication. Panel at the European Association for Communication in Healthcare. October 1, 2014. Amsterdam, Netherlands.
58. Hesse, B.W. To Err is Human: How to Bullet-Proof Data Displays. Invited talk to the Association of Public Data Users. Alexandria, VA. September 16, 2014.
59. Hesse, B.W. Deep Support in Patient Care: Reengineering Healthcare to Support Patient-Centered Communication and Continuity of Care. Invited lecture, Hopkins University. June 18, 2014. Baltimore, MD.
60. Hesse, B.W. The Science of User-Centered Data Tools. Invited scientific talk, Health Datapalooza, Washington DC. June 2, 2014.
61. Hesse, B.W. Serving Cancer Survivors through Health IT. Panel at the annual meeting of the Society of Behavioral Medicine. April 24, 2014. Philadelphia, PA.
62. Hesse, B.W. The Revolution Has Begun: Bringing Behavioral Medicine to Bear on Realizing the Promise of Meaningful Use. Panel at the annual meeting of the Society of Behavioral Medicine. April 24, 2014. Philadelphia, PA.
63. Hesse, B.W. Replication and Data Sharing: The Publication Perspective. Invited presentation to the National Science Foundation. February 21, 2014. Arlington, VA.
64. Hesse, B.W. Communicating Evidence to Policy Makers, Journalists, and the Public. Invited Lecture to the Associate Directors of Science, RTI International. January 23, 2014. Raleigh, NC.
65. Hesse, B.W. HINTS 2.0: Partnering to Move Knowledge into Action. Keynote to the 4th User's Conference for the Health Information National Trends Survey. January 10, 2014.
66. Hesse B.W. Smart and Connected Health. Invited plenary address to the third International Forum on Health Promotion and Disease Prevention. November 12, 2013. Wrocław Medical University, Wrocław, Poland.
67. Hesse B.W. HINTS 2.0: Partnering to Move Knowledge into Action. Keynote given at the fourth HINTS User Conference. October 1, 2013. National Institutes of Health, Bethesda, MD.
68. Hesse B.W. Harnessing the Power of an Intelligent Health Information Environment. Invited presentation as part of the Brain, Behavior and Cancer Series within the Biobehavioral Medicine in Oncology Program at the University of Pittsburgh Cancer Center. September 24, 2013. Hillman Cancer Center, Pittsburgh, PA.
69. Hesse B.W. Consumer and Connected Health: A New Day in Health and Healthcare? Keynote presentation to the Pittsburgh Health 2.0 Meet Up. September 24, 2013. Pittsburgh, PA.
70. Hesse B.W. The Centers of Excellence in Cancer Communication Research: After the Sunset. Keynote to annual NIH CECCRs Grantee meeting. August 19, 2013. University of Michigan, Ann Arbor, MI.
71. Hesse B.W. Quantifying the Health Information Revolution: Implications for Cancer Control and

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- Prevention. Invited lecture given to the Hawai'i Cancer Center. May 30, 2013, University of Hawai'i at Manoa, Honolulu, HI.
72. Hesse B.W. The National Cancer Institute's Health Information National Trends Survey (HINTS): Invited presentation for the monthly Webinar series. May 15, 2013. ICF International, Rockville, MD.
 73. Hesse B.W. Triangulation in an Era of Big Data. Invited talk to the National Library of Medicine's Spring Lecture series, R. Logan & G. Greps (organizers). April 29, 2013. National Library of Medicine; Bethesda, MD.
 74. Hesse B.W. Quantifying the Health Information Revolution. Symposium at the annual meeting of the Society of Behavioral Medicine, March 22, 2013. San Francisco, CA.
 75. Hesse B.W. Partnering Against Cancer Today: A Blueprint for Uniting Systems with Communication Science. Invited talk at the University of California at Merced, Health Sciences Research Institute. March 18, 2013. San Francisco, CA.
 76. Hesse B.W. Smart and Connected Health. Invited presentation given to the schools of Computational and Health Sciences. November 29, 2012. Brigham Young University, Provo, UT.
 77. Hesse B.W. Funding Perspectives on Computing and Healthcare from the National Cancer Institute. Opening talk given to a combined NSF-NIH workshop on Computing and Healthcare: New Opportunities and Directions. October 11, 2012. Bethesda, MD.
 78. Hesse B.W. Cancer Communication and Informatics: From Revolution to Impact. Keynote given to the semiannual meeting of the Centers of Excellence in Cancer Communication Research (CECCRs). October 2, 2012. University of Wisconsin, Madison, WI.
 79. Shaikh A.R., Schully S.D., Hesse B.W., Khoury M. J. (Organizers) Collaborative Biomedicine in the Age of Big Data and 4Ps Medicine. Panel given at the 2012 Medicine 2.0 Conference. September 16, 2012. Harvard Medical School, Boston, MA.
 80. Hesse B.W. Consumer Engagement in Health Information Technology. In DHHS Consumer Health Summit. September 10, 2012. Washington, DC.
 81. Hesse B.W. Leveraging mHealth Solutions for Health Services Research. Discussant on panel convened by Amy Abernethy and funded by the RWJ Foundation. September 10, 2012. Washington, DC + Webinar.
 82. Hesse B.W., Cole G. & Powe B.D. Uniting Systems through Communication Science. Keynote given at the Cancer Communication pre-session for the CDC's Comprehensive Cancer Control Conference. August 20, 2012. Washington, DC.
 83. Hesse B.W. Human System Integration in Healthcare: The Case of Cancer. Invited keynote at the 1st International Conference on the Human Side of Service Engineering (associated with the Applied Human Factors & Ergonomics Society). July 23, 2012. San Francisco, CA.
 84. Hesse, B.W. Making Health Together in an Age of Ubiquitous Connectivity. Invited plenary talk to the annual meeting of the American Academy of Health Behavior. Title for the 2012 conference was: Applications of Technology in Health Behavior Change Research. March 21, 2012. Austin, TX.
 85. Hesse, B.W. Summary Panel Discussion on Informatics Needs and Challenges in Cancer Research. Institute of Medicine's National Policy Forum. February 28, 2012. Washington, DC.
 86. Hesse, B.W. Reinventing Discovery. Plenary talk given to the NIDA-OBSSR organized

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- conference: Opportunities in Data Visualization and Visual Analytics for Behavioral and Social Sciences Research. January 30, 2012. Bethesda, MD.
87. Hesse, B.W. Transforming the Healthcare System. Introduction to the NCI-sponsored preconference at the Hawaii International Conference on System Sciences. January 4, 2012. Wailea, HI.
 88. Hesse, B.W. Public Health without Borders: How Can We Leverage Technology to Promote Global Participation in Improving Health? 2011 China Communication Forum and the International Academic Seminar on "New Media and Contemporary Chinese Society." November 12, 2011; Shanghai University, Shanghai, China.
 89. Hesse, B.W. Visualizing Change: The Role of Data Visualization in Health I.T. Paper presented at the 2011 annual meeting of the American Medical Informatics Association. October 25, 2011; Washington, DC.
 90. Hesse, B.W. Harnessing the Power of an Intelligent Health Environment. Invited speaker to Cancer Prevention Fellowship Program, MD Anderson. October 28, 2011; Houston, Texas.
 91. Hesse, B.W. Communicating Across the Cancer Continuum. Keynote to the Connecticut Cancer Partnership Annual Meeting, October 18, 2011; New Haven, Connecticut.
 92. Hesse, B.W. Applying Technology to Advance the Interest of Cancer Survivors. 2nd National Scientific Conference on Cancer and Female Sexuality, October 17, 2011; Memorial Sloan Kettering Cancer Center, New York, NY.
 93. Hesse, B.W. Participating in Health: Technology Mediated Social Participation in Health and Healthcare. Invited presentation to the Department of Biomedical Informatics, University of Utah. September 8, 2011; Salt Lake City, UT.
 94. Hesse, B.W. Engaging Community Intelligence in Health and Cancer. Invited presentation within the NSF/NIH sponsored workshop on Technology Mediated Participation, August 25, 2011; University of Maryland at College Park, Maryland.
 95. Hesse, B.W. Communicating Health Data. Presentation to the Pervasive Computing "Deep Dive" Working Group. July 19, Park City, UT.
 96. Hesse, B.W. Accelerating Successes in Health Now: Networking and Information Technology in Clinical, Personal, & Public Health. Presentation to Computing Community Consortium, July 15, 2011, Washington, DC.
 97. Hesse, B.W. Making Data Talk: Communicating Evidence to Employees and Patients. Invited Keynote to the National Employer Health Communications Summit, theme: "Rising Above the Information Overload." June 22, 2011; Washington, D.C.
 98. Hesse, B.W. Informatics Enabled Behavioral Medicine in Oncology. Invited Grand Rounds presentation to the Fox Chase Cancer Center, June 17, 2011; Philadelphia, PA.
 99. Hesse, B.W. Communicating Genetics / Genomics to the Public: What You Need to Know. Presentation given to the NIH genetics research interest group, June 6, 2011; Bethesda, MD.
 100. Hesse, B.W. Personalized Medicine: Why the Future Will Work and the Present Doesn't. RTI International Invited Symposium Series, May 10, 2011: National Press Club, Washington DC.
 101. Hesse, B.W. Empowering Communities with Direct Access to Health Data. Paper given at the

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- annual meeting of the Society of Behavioral Medicine, April 28, 2011; Washington, DC.
102. Hesse, B.W. Evaluating Health Outcomes Under Medicine 2.0. Invited participant at the Brookings Institute's Evaluating Open Government: A Workshop Connecting Research and Practice. April 22, 2011; Washington, DC.
 103. Hesse, B.W. Developing Open Government Initiatives at the National Institutes of Health. Invited panelist at the Open Government R&D Summit. March 21, 2011; National Archives, Washington DC.
 104. Hesse, B.W. Health Communication and Informatics. Guest speaker at George Washington University's third symposium from the 2010-2011 health communication symposia series. February 22, 2011; George Washington University, Washington, DC.
 105. Hesse, B.W. Health Cyberinfrastructure: A Population Science Perspective. NSF sponsored workshop on Health Cyberinfrastructure: A seeded cloud approach. January 11, 2011; UC San Diego Supercomputer Center, La Jolla, CA.
 106. Hesse, B.W. Implications of Internet Availability of Genomic Information for Public Health, December 10, 2010; Rockville, MD.
 107. Hesse, B.W. How SEER Fits into the Broader NCI Communication Framework, invited talk to the annual SEER Grantee meeting, November 19, 2010; Bethesda, MD.
 108. Hesse, B.W. Health 2.0: Bridging Gaps in Personal and Community Health. Talk given at the National Communication Association national meeting, November 17, 2010; San Francisco, CA.
 109. Hesse, B.W. A Programmatic Need for Health Journalism Research, talk given at the National Communication Association national meeting, November 16, 2010; San Francisco, CA.
 110. Hesse, B.W. Making Data Talk: Communicating Science to Lay Audiences. Talk given at the annual meeting of the American Association of Cancer Research, Nov. 10, 2010; Philadelphia, PA.
 111. Hesse, B.W. Harnessing the Power of an Intelligent Health Environment in Behavioral Oncology, Invited presentation to the annual lecture series, Indiana University / Purdue University of Indiana, November 4, 2010; Indianapolis, IN.
 112. Hesse, B.W. Healthcare Intelligence. Keynote presentation to an NIH-Commercial Sector joint program on moving the power of real time analysis into healthcare, October 4, 2010; Bethesda, MD.
 113. Hesse, BW, O'Connell M, Augustson EM, Chou W-YS, Shaikh AR, Finney Rutten LJ. Realizing the Promise of Web 2.0: Engaging Community Intelligence. *Journal of Health Communication*, Invited talk given to the Eisenberg annual symposium (AHRQ), September 14, 2010.
 114. Hesse, B.W. New Media and its Promise for Health Communication, Closing plenary session at fourth National Health Communication and Health Marketing Conference, August 19, 2010; Atlanta, GA.
 115. Hesse, B.W. Harnessing the Power of an Intelligent Health Environment, annual lecture to the Cancer Prevention Fellowship program, August 6, 2010; Rockville, MD.
 116. Hesse, B.W. Making Data Talk: Communicating Public Health Data to the Public, Policy Makers, and the Press. Invited workshop at the Cancer Control National Partners' Meeting, June 9,

2010; Los Angeles, CA.

117. Hesse, B.W., *Social Media and Health Research*, Invited plenary talk to the School of Environmental Health, University of Southern California, June 4, 2010; Huntington Beach, CA.
118. Hesse, B.W. *Health 2.0: Putting the Power of Open Science to the Task of Improving the Nation's Health*, Invited presentation to the Human Computer Interaction Laboratory Annual Open House at the University of Maryland, May 28, 2010; College Park, MD.
119. Hesse, B.W. *E-Health Technology: Can it Improve Cancer Outcomes?* Presentation given as part of the NCI's yearly "Science Writers' Forum," May 19, 2010; Bethesda, MD.
120. Hesse, B.W. & Finney Rutten, L.J. *Health Communication and Informatics Research*, Closing talk at the annual meeting of the CECCR CRN, May 6, 2010, Denver, CO.
121. Hesse, B.W. *CECCR: Programmatic Overview and 2010 Priorities*, Opening Keynote at the annual meeting of the Centers of Excellence in Cancer Communication Research (CECCRs), April 29, 2010; Philadelphia, PA.
122. Hesse, B.W., *Participating in Health: Technology Mediated Social Participation and Health*. Invited presentation to the National Science Foundation Workshop on Technology Mediated Social Participation, April 23, 2010; Ballston, VA.
123. Hesse, B.W. *Informatics and Behavioral Medicine: Building for the Future*, Special Session on Informatics and Behavioral Medicine at the Annual Meeting of SBM, April 7, 2010; Seattle, WA.
124. Hesse, B.W. *Assessing the Information Needs of Patients with Disabilities*. Invited participation in the Cross-Agency "Stakeholders Forum on Requirements for Accessible Health Information Technology for People with Disabilities, convened by NIDRR & DHHS ODPHP, March 26, 2010; Arlington, VA.
125. Hesse, B.W. *Developing Scientific Collaboratories*. Invited talk as part of the NIH STEP Cross-Institute Training program, March 9, 2010; Bethesda, MD.
126. Hesse, B.W. *Data Visualization: Moving Data from Ivory Towers to the Masses*. Invited talk at the annual meeting of the Society for Research on Nicotine and Tobacco (SRNT), February 24, 2010; Baltimore, MD.
127. Hesse, B.W. *Cognitive Support for Patients, Providers, and their Families*. Invited talk to the Interagency Cognitive Decision Support Task Force, February 22, 2010; AHRQ, Rockville, MD.
128. Hesse, B.W. *The Impact of the Internet and Its Implications for Health Care Providers*, Invited speaker to the New York Obstetrical Society, January 12, 2010; New York City, NY.
129. Hesse, B.W. *OB-GYN Implications from the Diffusion of Internet Technology*, Follow-up talk at the OB-GYN Grand Rounds at Mt. Sinai, January 12, 2010; New York City, NY.
130. Hesse, B.W. *Framing Science: Communicating Biomedical Results to Nonscientific Audiences*. Plenary speaker to the Sixth Annual Early Environmental Exposures Meeting. November 19-20, 2009; Cavallo Point, Sausalito, Ca.
131. Hesse, B.W. *Meaningful Use of Health I.T.: Implications for the Population Science Special Interest Group*. Presentation to the Population Sciences caBIG SIG Semiannual Meeting. November 18, San Francisco, Ca.
132. Hesse, B. W., Finney, L. F., Moser, R. P., Beckjord, E. B., and Davis, K. L. *Planning and*

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- Monitoring Population Based Systems. Oral presentation at the 3rd International Cancer Control Congress. November 9, 2009. Villa Erba, Cernobbio, Italy.
133. Hesse, B.W. Accelerating Success against Cancer: Extending the Reach, Effectiveness, and Efficiency of Cancer Communications. Keynote at the 8th Annual Symposium on Cancer Control. October 23, 2009. Monona Terrace Community and Convention Center, Madison, Wisconsin.
 134. Hesse, B.W. Envisioning the Future of Cancer Data: The Role of Communication. Oral presentation given at the Surveillance Research Program's national visioning meeting. October 22, 2009. Rockville, MD.
 135. Hesse, B.W. Human Factors and Healthcare Reform. Invited presentation at the 53rd Annual Meeting of the Human Factors and Ergonomics Society. October 20, 2009. San Antonio, Texas.
 136. Hesse, B.W. Partners and Progress: Collaborating to Inform Science, Policy, and Practice. Keynote at the 3rd Biennial Data Users Meeting for the Health Information National Trends Survey. September 24, 2009. Silver Spring, Md.
 137. Hesse, B.W. Transforming Cancer Control: Using Cyberinfrastructure to Support Population Science in Cancer. Invited presentation at the 3rd annual meeting of the NCRI and NCI Informatics initiatives. September 10, 2009. London, England, UK.
 138. Hesse, B.W. Coordinating Systems to Accelerate Successes Against Cancer. Invited presentation to the 69th meeting of the Committee on Human-Systems Integration, The National Academies. August 20, 2009. Washington, D.C.
 139. Hesse, B.W., O'Connell, M., & Moser, R.P. Bridging the Gap Between Evidence and Practice in a Coordinated Program to Reduce Disease Burden. Oral presentation at the 3rd Annual National Conference on Health Communication and Health Marketing. August 12, 2009. Atlanta, GA.
 140. Hesse, B.W. The Science Emerging from NCI's Centers of Excellence in Cancer Communication Research. Guest Speaker to the annual retreat of the Office of Communication and Education. June 16, 2009.
 141. Hesse, B.W. A Cancer Communication and Informatics Agenda for the 21st Century. Grand Rounds presentation, Mt. Sinai Medical Center. May 22, 2009. New York, NY.
 142. Hesse, B.W. The Role of Behavior in Resolving the Crisis in Health Care. Invited presentation to the annual meeting of the HMO Research Network, CRN CECCRS meeting. April 28, 2009. Danville, PA.
 143. Hesse, B.W. How Can We Opt In to the Media Discussions on Health? Highlighted panel presentation for the 30th annual meeting of the Society of Behavioral Medicine. April 27, 2009. Montreal, Canada.
 144. Hesse, B.W. Cyberinfrastructure and Patient-Centered Care. Oral presentation at the 30th annual meeting of the Society of Behavioral Medicine. April 25, 2009. Montreal, Canada.
 145. Hesse, B.W. Health Communication & Informatics: Putting the Communication Revolution to Work in (e)Health Care Reform. Grand Rounds, Columbia School of Informatics; Columbia University. March 26, 2009. New York, NY.
 146. Hesse, B.W. Big Data or Big Brother: Confidentiality, Privacy, and IRB Issues. Invited presentation to the annual GEI Grantee Meeting. January 13, 2009. Bethesda, MD.
 147. Hesse, B. W. Harnessing the Potential of Cyber-Infrastructure for Team Science. Plenary

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- speaker to the NIDA-Sponsored Grantee Meeting, conference titled "Division of Epidemiology, Services, and Prevention Research Crossroads: Sharing Social Environment and Genetic Data." December 9, 2008; Bethesda, MD.
148. Hesse, B. W. Cancer: Saving Lives Now through Communication Science. Invited panel presentation at the 94th Annual Meeting of the National Communication Association. November 23, 2008; San Diego, CA.
 149. Hesse, B.W. DCCPS and Grid-Enabled Science. Fourth Annual Meeting of the Population Sciences Special Interest Group: caBIG. November 19, 2008; Denver, CO.
 150. Hesse, B. W. Frontiers in Communication Science. Introduction to plenary session at the Seventh Annual AACR International Conference on Frontiers in Cancer Prevention Research. November 18, 2008; Washington, DC.
 151. Hesse, B. W. The Relevance of SBIRs to Behavioral Sciences Research. Presentation to the fifth NCI-sponsored SBIR showcase titled: Linking eHealth Science and Business. October 6, 2008; Bethesda, MD.
 152. Hesse, B. W., Cyberinfrastructure for Health. Invited presentation at the annual conference titled "The Future of Health Technology," Renata Bushko, organizer. September 22, 2008; Massachusetts Institute of Technology, Boston, MA.
 153. Hesse, B. W. Harnessing the Power of an Intelligent Health Information Environment in Cancer Control. Annual presentation given to the Cancer Prevention Fellowship. July 17, 2008; Rockville, MD.
 154. Hesse, B. W., Behavior Matters in Cancer Control. Invited talk given to the American Cancer Society. April 30, 2008; Washington, DC.
 155. Hesse, B. W., Centers of Excellence in Cancer Communication Research. Opening plenary and introduction to the NCI-ACS co-sponsored conference on CECCR science. April 28, 2008; Atlanta, GA.
 156. Hesse, B.W. Accelerating Successes against Cancer: The Role of Communication. Keynote address to the annual retreat of the Office of Communication and Education. April 17, 2008; Rockville, MD.
 157. Hesse, B. W., From Gutenberg to Google: Health Communication in a World Gone Flat. Invited talk given to the faculty and students of the Dana Farber Cancer Institute. April 11, 2008; Boston, MA.
 158. Hesse, B. W., Exploring the Use of Cyberinfrastructure in Behavioral Medicine. Opening plenary for the NCI-sponsored conference on Cyberinfrastructure. UCSD Super Computer Center, San Diego, CA.
 159. Hesse, B. W. Cancer Communication: Status and Future Directions. Invited paper given at the Cancer-SIG sponsored pre-conference symposium on Health Communication and Cancer. March 26, 2008; La Jolla, CA.
 160. Hesse, B. W., Creating a Behavioral Measures Database to Support Team Science. Opening talk given at an NCI-hosted advisory meeting, February 1, 2008.
 161. Hesse, B.W. Marshalling the Power of Consumer Health Technologies. Informatics in Action, December, 2007. Bethesda, MD.
 162. Beckjord, E.B., Rutten, L.J., Hesse, B.W. Arora, N.K. Breast Cancer Risk Perceptions, Self-

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- Efficacy, and the "Activated Patient:" A Population-Level Analysis of the Risk Perception Attitude Framework. Submitted to the American Association for Cancer Research, *Frontiers in Cancer Prevention*: December, 2007: Philadelphia, PA.
163. Hesse, B.W., Beckjord, E.B., Finney Rutten, L.J., Moser, R.P. Health Communication and Informatics: Research and Practice as the World Goes Flat. Workshop accepted at the 2nd International Cancer Control Congress, November 25-28, 2007 Rio de Janeiro, Brazil.
 164. Finney Rutten, L.J., Hesse, B.W., Beckjord, E.B., Moser, R.P. Gathering an Evidence Base for Health Communication and Informatics. Oral Presentation accepted for presentation at the 2nd International Cancer Control Congress, November 25-28, 2007 Rio de Janeiro, Brazil.
 165. Hesse, B.W. Emerging Themes in Technology and Urban Health: The Role of Populomics. October 31-November 2 2007.
 166. Hesse, B.W. The Health Information National Trends Survey. eCDC seminar presented in-person and through videocast, October 2007.
 167. Hesse, B.W. Navigating the Future of Cancer Control. CDC's Cancer Conference, invitation by Eddie Reed. August, 2007.
 168. Hesse, B.W. Using behavioral data to inform cancer communication. Invited presentation to the ACS, Atlanta 2007.
 169. Hesse, B.W. Computerized Tailored Interventions: Addressing Issues of Dissemination. CTI Workshop, Rhode Island. July 2007.
 170. Hesse, B.W. Harnessing the Power of an Intelligent Health Environment. Summer Curriculum presentation for the NCI Cancer Prevention Fellowship, July 2007.
 171. Hesse, B.W., Finney Rutten, L.J. The Health Information National Trends Survey: Progress, Plans, and Potential. Update to the Cancer Information Service. June, 2007.
 172. Hesse, B.W. Enhancing Consumer Involvement in Health Care. Presented by invitation to the Columbia Schools of Medicine and Journalism. June, 2007.
 173. Hesse, B.W. A Cancer Communication and Informatics Agenda for the 21st Century. University of Wisconsin Medical School Grand Rounds, May 2007.
 174. Hesse, B.W. Building from the Baseline. Keynote address at the 2nd biennial HINTS Data Users Conference, May 2007.
 175. Finney Rutten, L.J., Hesse, B.W., Moser, R.P., McCaul, K., Rothman, A.J. Public understanding of cancer prevention, detection, and survival/cure: Comparison with state-of-science evidence for colon, skin, and lung Cancer. Poster accepted for presentation at the Health Information National Trends Survey (HINTS) Data Users Conference, May 4-5, 2007, Pasadena, CA.
 176. Volckmann, L. Finney Rutten, L.J., Hesse, B.W., Beckjord, E., Moser, R.P. "A growing disconnect between the public's actual and preferred source of cancer information. Poster accepted for presentation at the Health Information National Trends Survey (HINTS) Data Users Conference, May 4-5, 2007, Pasadena, CA.
 177. Sullivan, H.W., Beckjord, E.B., Finney Rutten, L.J., & Hesse, B.W. Nutrition-related cancer prevention attitudes and behavioral intentions: Testing the Risk Perception Attitude Framework. Poster accepted for presentation at the Health Information National Trends Survey (HINTS)

Data Users Conference, May 4-5, 2007, Pasadena, CA.

178. Hesse, B.W. Envisioning a "Population Grid" in Cancer Prevention. Talk given at the annual conference of the American Society of Preventive Oncology, Houston, TX.
179. Sullivan, H.W., Beckjord, E.B., Finney Rutten, L.J., & Hesse, B.W. Nutrition-related cancer prevention attitudes and behavioral intentions: Testing the Risk Perception Attitude Framework. Poster presented at the annual conference of the American Society of Preventive Oncology, Houston, TX.
180. Finney Rutten, L.J., Hesse, B.W., Moser, R.P., McCaul, K., Rothman, A.J. Public understanding of cancer prevention, detection, and survival/cure: Comparison with state-of-science evidence for colon, skin, and lung Cancer. Accepted as a poster presentation at the Society of Behavioral Medicine's 28th Annual Meeting and Scientific Sessions, March 21-24, 2007, Washington, DC.
181. Beckjord, E., Finney Rutten, L. J., Squiers, L. B., & Hesse, B. W. "Using Email To Communicate With Health Care Professionals: Evidence from the Health Information National Trends Survey (HINTS 2003-2005)." Poster presented at Critical Issues in eHealth Research 2006: Bethesda, MD.
182. Hesse, B. W., Rutten, L. J. F., Beckjord, E. I., Moser, R. P. (July 10, 2006). Surveillance of Cancer Prevention and Communication Constructs in the General U.S. Population. 2006 International Cancer and Tobacco Control Conference: Washington, D.C.
183. Hesse, B. W., Finney, L. (June 21, 2006). Measuring Exposure in a Networked Society. 56th Annual Conference of the International Communication Association: Dresden, Germany
184. Hesse, B. W. (March 30, 2006). Awash in information: The importance of the Cancer Information Service. Annual meeting of the Cancer Information Service: Washington DC.
185. Hesse, B. W. (November 1, 2005). Panel Chair and Presenter: Health Messaging and Communication. Frontiers in Cancer Prevention Research, American Association for Cancer Research: Baltimore, MD.
186. Hesse, B. W. (October 24, 2005). Presenter. Opportunities for Informatics Research in Cancer Control and Population Science. Panel on Consumer Health Informatics, American Medical Informatics Association: Washington, DC.
187. Hesse, B. W. (October 8, 2005). Presenter: Providing Patient-Centered Support in an Information Age. Discussant to Panel on Cancer Information Service, International Conference on Patient-Provider Communication: Chicago, IL.
188. Hesse, B. W. (September 8, 2005). Keynote Address: An Extraordinary Opportunity for Health Communication Research: Hints from HINTS. Quarterly meeting of the Virginia State Cancer Coalition: Charlottesville, VA.
189. Hesse, B. W., Croyle, R.T., Kerner, J. (July 19, 2005). Presenter: Creating a National Evidence Base for Health Disparities Planning and Research. Communication. Community Networks Cancer Health Disparities Summit: Rockville, MD.
190. Hesse, B.W. (May 16, 2005). Presenter: Cyberinfrastructure for Health: Conceptual & Practical Challenges. Digital Government Conference, co-sponsored by the National Science Foundation and IEEE: Buckhead, GA.
191. Hesse, B.W. (Jan. 20, 2005). Keynote Address: Creating a National Evidence Base for Health Communication & Informatics. HINTS Data Users Conference: St. Pete's Beach, FL.

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192. Hesse, B. (Nov. 6, 2004). An Extraordinary Opportunity for Health Education Research: Lessons from the Health Information National Trends Survey (HINTS).
 193. Clayman, M. L., Viswanath, K., Hesse, B. W. , Arora, N., (Nov. 9, 2004). Differences in mass media source credibility ratings for cancer information among Spanish-responding and English responding Hispanics/Latinos to the HINTS survey. Poster presented at the 132nd annual meeting of the American Public Health Association: Washington, DC.
 194. Clayman, M. L., Viswanath, K., Hesse, B. W. , Arora, N., (Nov. 9, 2004). The Public's Use of Media: Impact on Health Decisions and Outcomes. Paper presented at the 132nd annual meeting of the American Public Health Association: Washington, DC.
 195. Hesse, B. (2004, October). Surveying the Future of Health Communication: Presented at the Ninth Annual Future of Health Technology Conference: Boston, MA.
 196. Randolph, W.M., Hesse, B., Viswanath, K., Farber, D. (March 25, 2004). Mass Media and the Cultivation of Risk Perceptions, Helplessness and Behavioral Uncertainty in Cancer Risk. Poster presented at the 2004 annual meeting of the Society of Behavioral Medicine: Baltimore, MD.
 197. Robinson, S., Shaikh, A., Hesse, B. (2003, November). Public health Web site evaluation and strategic planning: A CDC case study. Presented at the 131st annual meeting of the American Public Health Association (November 15-19, 2003): San Francisco, CA.
 198. Koenig, T., Hesse, B., Kruger, H., & Covell, J. (2003, November). Factors associated with health care providers' compliance with requests for medical records. Presented at the 131st annual meeting of the American Public Health Association (November 15-19, 2003): San Francisco, CA.
 199. Hesse, B. W. (2003, June). Refining NBCCEDP's Use of the Web to Support Communication. Keynote presentation given at the annual project directors' meeting of the National Breast and Cervical Cancer Early Detection Program: Atlanta, GA.
 200. Robinson, S. J., Hesse, B. W., Shaikh, A. R., Coss, M., Crawford, C. (2003, April). Using Converging Methods across Disciplines to Guide the Redesign of a Large, Information-Rich Web Site. Presentation given at Computer-Human Interaction (CHI) 2003, April 5-10: Ft. Lauderdale, Florida.
 201. Hesse, B.W. (1999, November). Simulating Social Security disability decisions. Presented at the Annual Meeting of the American Public Health Association: Chicago, IL.
 202. Hesse, B.W. (1998, April). Applying lessons from national program evaluation to improving outcomes for technology-based projects in education. Presented at the School Tech Exposition and Conference: New York, NY.
 203. Hesse, B.W. (1997, January). Year III update on the status of O*NET. Presented at the Annual Meeting of the Association of Computer-Based Systems for Career Information: Daytona Beach, FL.
 204. Hesse, B.W. (1997, January). Skills for the information age: The Department of Labor's O*NET project. Presented at the Sixth National Career Development Association Conference: Daytona Beach, FL.
 205. Hesse, B., Arcilla, M., and Rose, A. (1996, July). O*NET: The Occupational Information Network. Presented at the Summer Data Conference of the National Center for Education Statistics: Washington, DC.
 206. Hesse, B.W. (1996, March). Year II update on the status of O*NET. Presented at the Annual

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- Meeting of the Association of Computer-Based Systems for Career Information: San Francisco, CA.
207. Hesse, B.W. (1995, April). Project PASS: An expert system for transition. Presented at the Training Symposium of the Rehabilitation Technology Association: Washington, DC.
 208. Peterson, N., Rose, A., and Hesse, B.W. (1995, March). Reinvention of the Dictionary of Occupational Titles. Presented at the Career Information Delivery Systems Technical Workshop: Orlando, FL.
 209. Hesse, B., Brightman, A., Sajka, J., Weisgerber, R., and Bergman, E. (1994, July). Providing access through usability: Representing the needs of persons with disabilities. Presented at the Third Annual Conference of Usability Professionals: San Jose, CA.
 210. Campeau, P.L., and Hesse, B.W. (1994, March). Project PASS: Results of the administrative feasibility study and demonstration of expert system. Presented at the Eighth Annual Conference on the Management of Federal and State Data Systems: Washington, DC.
 211. Hesse, B.W. (1994, January). Flexiplace: Program development and objectives. Presented to the Workers Compensation Coordinating Committee, Air Force Headquarters for Morale, Welfare, Recreation, and Services: San Antonio, TX.
 212. Hesse, B.W. (1993, July). Tailoring data collection methodologies to meet the research and business objectives of usability practitioners. Presented at the Second Annual Conference of Usability Professionals: Redmond, WA.
 213. Hesse, B.W. (1992, August). The status of usability testing from the perspective of an independent consultant. Presented at the First Annual Conference of Usability Professionals: Orem, UT.
 214. Campeau, P.L., and Hesse, B.W. (1992, April). Representing knowledge base diversity in an expert system designed to anticipate service needs for students with disabilities. Presented to the Artificial Intelligence and Education SIG, American Educational Research Association: San Francisco, CA.
 215. Hesse, B.W., and Kiesler, S. (1991, August). Social structure enhancement and transformation in a scientific electronic community. Presented to the American Psychological Association: San Francisco, CA.
 216. Campeau, P., and Hesse, B.W. (1991, March). The design of an expert system to predict adult service needs from exiting student data. Presented at the Fifth Annual Conference on the Management of Federal/State Data Systems: Washington, DC.
 217. Hesse, B.W., and Turner, C.W. (1989, August). Mitigating circumstance information and aggression: The case of computer-mediated communication. Presented at the Annual Meeting of the American Psychological Association: New Orleans, LA.
 218. Hesse, B.W., Werner, C., and Altman, I. (1988, August). Temporal aspects of computer-mediated communication. Presented at the 96th Annual Convention of the American Psychological Association: Atlanta, GA.

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