

Diane Feeney Mahoney PhD, RN, ANP-BC-ret, FGSA, FAAN

Education:

Post-doctorate:

2019 Partners Innovation Connected Health Care 4-part series
2017 Interrelating with a Patent Officer, Partners Innovation; BBIC program
2014 Innovation internship program, Partners Innovation Program
2013 Medical Device Development Course, Harvard Medical School, Harvard Catalyst program
2002 Nursing Informatics Summer Institute/ Informatics Project Management, U of Maryland, School of Nursing,
1999 Medical Informatics, NLM program, Marine Biological Lab, Woods Hole, MA

Ph.D. 1985-1989 The F. Heller Graduate School for Advanced Studies in Social Welfare, Brandeis University, Waltham, MA. Dissertation: *The effect of legalized prescriptive authority on the geriatric prescribing practices of nurse practitioners*. 4/20/89. Irving K Zola, PhD, Brandeis Sociology Dept, Chair, Committee Phyllis Mutchler PhD, Heller School, Daniel Everitt MD, Division on Aging, Harvard U, May Futrell PhD, RN, Nursing Dept, U of Lowell.

Advanced Graduate Study

1983-85 University of Mass/Lowell, EdD Program in Higher Education and Administration, (30 Credits/ ABD).

M.S. University of Massachusetts/Lowell, Gerontological Nursing; Gerontological nurse practitioner (GNP) /Geriatric clinical nurse specialist, 1980. Board Certification as ANP-BC by AANC 1980-2016.

B.S. Boston College, Connell School of Nursing, Chestnut Hill, MA 1969. 1969- RN licensure (MA) to present

Professional Experience:

Gerontechnology Consultant, Senior Scientist, EDEE Consulting 2017-to date. Advisor and evaluator for a variety of health, gerontology, and technology companies and endeavors seeking to promote the well-being of older adults, and their caregivers, both family and professionals. National Academy of Medicine (NAM) and American Federation for Aging Research (AFAR) Subject matter expert on Aging, Gerontechnology, Long-term care, and Geriatrics content, and annual Grant reviewer for their Healthy Longevity Global Grand Challenge. See consultant section.

Professor Emerita, MassGeneralBrigham University of Health Professions (formerly MGH Institute of Health Professions until 2026), Boston, MA April 2017 – to date

Member Harvard Catalyst 2010- to 2023. Researcher collaborative among Harvard academic teaching hospitals ie MassGeneralBrigham (MGB); Broad Institute, Harvard Medical School, MIT, MGB University of Health Professions.

Inaugural Incumbent Jacques Mohr Professor of Geriatric Nursing Research, Endowed Professorship, & Director of Gerontechnology, MGH Institute of Health Professions Aug 16, 2005 – to April 2, 2017

Principal Investigator of gerontechnology grants: *DRESS2prototype* NIH/NINR funding 2014-16, *Development of a Responsive Emotive Sensing System (DRESS)feasibility* Alzheimer's Association/Intel *Everyday technologies to Advance Caregiving (ETAC)* grant 2011-13, *Robotic Nursing Assistant (RONA)* PI of subcontract 2009-11, Automated technology for Elder Assessment, Safety, and Environment (*AT EASE*), Alzheimer's Association/Intel ETAC 2004 -07grant, & Nursense: Caregiver Vigilance Through Elder E-Monitoring [in independent living facilities by staff and GNPs] (*NURSENSE*) NIH, NINR 2005-08, and Wearability of personal monitoring devices (*WEARABILITY*) Philips Lifeline Co 2007. Research mentor to faculty and doctoral students interested in gerontology research design, execution and evaluation at MGH-IHP, Gerontological society, and NIH/NIA Butler-Williams Scholar program. Member multiple academic committees at MGH-IHP, and the MGH hospital's Executive Committee on Research (ECOR) and as a Senior Nurse Scientist, Massachusetts General Hospital (MGH) Yvonne Munn Nursing Research Center. Consultant for Industry and Media Expert on Gerontechnology research and development.

Director of Gerontechnology; Enhancing Family Caregiving Program through Technology; Nursing Research, and Senior Research Scientist, Research and Training Institute, Hebrew Rehabilitation Center for Aged, Boston, MA. Faculty member, Harvard Medical School, Division on Aging Feb 1998 to August 15, 2005

Principal Investigator: Boston site PI. Resources to Enhance Alzheimer's Caregivers Health (*REACH*) continuation supplement, Alzheimer's Association Forgetfulness What's normal and what's not (*RECALL*), Dept of Commerce Worker Interactive Networking (*WIN*), NIH NINR Midcareer Mentoring and Dementia Caregiving Research (*MENTOR*), Alzheimer's Association (*SENSORS FOR SENIORS*), NIH/NINR Automated technology for Elder Assessment, Safety, and Environment (*AT EASE*), NIH/NINR (*NURSENSE*) projects.

Grant research and development, implementation, and oversight responsibilities. Fostered the development of informatic applications with older adults and their caregivers. The first nurse to be awarded a NIH K24 grant to mentor nurse faculty and graduate level researchers. HRCA committees: IRB Board from 1999 to 2005 Professional core training committee Co-ordinator initial chair (2001-2); Annual Research Symposium committee, RTI media/public relations committee. 2002, HRCA media committee 2004. Initiated and taught first core training program for research assistants. 2002-3 First Faculty Meeting Chair. External committees: Chair, Brandeis U, Alumni nominating committee and Board member; Chair, Gerontological Society of America Nursing Care of Older Adults Interest Group (2001-5). American Association of Homes for the Aged and Services, Center for Aging Services Technologies CAST representative (2004 to date). Grant consultant. Funded by NIH; NIA and NINR, Dept of Commerce Technology Opportunities Program (TOP), and the Alzheimer's Association, Grant reviewer for NIH, TOP, AD Association. Editorial Board Member for The Gerontologist.

Senior Research Scientist, Medical Information Systems Unit, Boston University Medical Center August 1994 to Jan 1998. Associate Chief and Assistant Research Professor of Medicine, Boston University School of Medicine, Adjunct Associate Professor, Boston University School of Public Health Oct 1995-1998.

Project Coordinator Medical Foundation/Farnsworth Grant for TLC-Elder Care: An automated method of monitoring function of disabled elders living in the community. Developed TLC scripting and design specifications for TLC Angina monitoring project funded by NIH/NHLBI. Principal Investigator for REACH for TLC funded by NIH/NIA. Designed and developed 5 different TLC modules, integrating for the first time, monthlong scripts that responded to end-users preferences. Originated the Distraction call, and developed the scripts and music integration.

Thesis advisor for affiliating Boston University (BU) graduate students. Faculty member, BU Physician's Health Services Research Fellowship program.

Senior Research Associate, Gerontology Institute, UMASS at Boston. Summer of 1994. Developed outcome measures for the quality of nursing home care project, Drs Caro and Porell Co-PIs. Funded by the Agency for Health Care Policy and Research. Participated in HCFA survey team nursing home site visit, designed research survey tool for nursing home quality assessment (including MMQ and MDS data), developed guidelines, wrote position description and recruited and trained nurse data collectors. Directed nursing validation study.

Assistant Professor, Boston College School of Nursing, Chestnut Hill, MA 9/1/92 to 6/94.

Adult Health Nursing concentration taught sequence of NP courses preparing graduate students for the nurse practitioner role ; provided clinical supervision of NP preceptorship experiences in 20 adult and geriatric primary care practices per year; Taught lifespan development course to undergrads, incorporating gerontology. Consultant to faculty and doctoral students for the development of geriatric and health policy related research.

Assistant Professor, University of Massachusetts at Boston 9/1/89 to 8/31/92.

Coordinator of graduate clinical concentration in gerontological nursing. Responsible for substantive development of gerontology component in the nursing curriculum. Conducted graduate courses in care of the well and frail elderly, established and supervised 15 clinical preceptorships in primary and community based settings. Clinical instructor for undergraduate students at Newton-Wellesley Hospital. Author of several proposals and recipient of extramural research funding. As a Principal Investigator (PI), responsible for the hiring, training, and monitoring of undergraduate and graduate research assistants and a data subcontractor. Funded by Healey intramural grants, Marion & Welch-Allyn foundations.

Research Associate Bigel Institute for Health Policy Brandeis University, Waltham, Ma. July 1988-1989.

Project director for a new Institute initiative on Adverse Drug Reactions (ADRs); Rosentiel Foundation Project, with Dean Stuart Altman, as P.I. Analyzed factors associated with ADRs in U.S., organized and conducted ADR conference, directed publication of conference proceedings and testified before the Health Care Financing Administration (HCFA). Participated in World Health Organization ADR conference Uppsala Sweden. Designed and conducted pilot survey of Home Health Agency nurses for Hartford Foundation Project on long-term care reform strategies. Participated in the development of HCFA grant proposals. Staff member National Long-term Care Resource Center.

Research Assistant Bigel Institute for Health Policy 1985-88

Field researcher for HCFA Medicare HMO broker evaluation; HealthChoice, Portland, Oregon, 1985-6. Participated in survey development, interviewed Health Plan administrators, medical directors, conducted focus groups of geriatric consumers, evaluated program and made policy recommendations to HCFA. Choate-Symmes Hospital Alcoholic Day Treatment Program, conducted follow-up telephone interviews every three months during 1987. Adverse Drug Reaction Project, 1987: performed literature review and analysis, interviewed national leaders in the field of pharmacoepidemiology.

Project Director - Elderly Caregivers Model Training Project University of New Hampshire, Durham, NH Jan 1987-Nov. 1987. Developed and implemented a training program for people caring for physically and/or cognitively impaired elders at home, conducted three family caregivers' groups and taught a training seminar for future facilitators. Authored the program manual. Funded by the Foundation for Seacoast Health, Portsmouth, NH

Evaluation Consultant- Bay State HMO Eldercare Linkage Project 1986-87.

Designed qualitative component of the program evaluation, performed pre-implementation assessment, developed policy recommendations.

Coordinator - Gerontological Nurse Practitioner Program University of Lowell, Lowell, MA. 1982-85.

Revised & implemented new gerontology curriculum, established nursing home affiliations. Instituted a primary care community outreach program for older adults affiliating with Medford Health Center (see below) and developed a similar geriatric health outreach program in Lowell. Responsible for developing and teaching 5 graduate nursing courses in gerontology and clinical supervision of geriatric and family NP students at St Joseph Hospital's geriatric clinic in Lowell, Medford's Lawrence Memorial Hospital's SCHC Nurse Managed Health Center, Tewksbury State Chronic Disease Hospital, D'Youville & Solomont Nursing Homes.

Director - Senior Citizens Health Center, (SCHC) Riverside Towers Medford MA. Satellite facility of the Lawrence Memorial Hospital of Medford, 1980-82. Established Massachusetts first licensed nurse directed health center and a new hospital department. Testified at the State determination of need hearings, administered the state department of public health (DPH) licensure process, developed NP protocols. Initiated an award winning community based primary health care service for older adults, designed and taught 30 elder health educational programs for @1800 participants, 10 self-care groups, and conducted 20 health screening programs with referral follow up. Designed and conducted a series of quality review studies, Annual Medical Service Client Audits, Walk-in Client and outreach elder surveys. Instituted annual report to DPH on NP utilization and program outcomes.

Coordinator - Medical/Surgical Nursing Program Lawrence Memorial Hospital School of Nursing. 1971-79.

Initiated and developed the schools standardized grading system, co-instituted RN refresher program, taught fundamentals of nursing care, hospital nursing practice, and nursing team management and leadership.

Head Nurse - Renal Dialysis Home Training Unit Boston Veterans Administration Hospital, Jamaica Plain, MA.

(BVAMC) 1970-71. Co-instituted VA's New England regional home dialysis program. Developed and taught spousal home dialysis training program and conducted home dialysis installations throughout NE. **Staff Nurse** - Boston VAMC. Medical-surgical nursing 1969-70; evening charge nurse.

GRANTS COMPLETED AS PRINCIPAL INVESTIGATOR

NIH NIAR41 AG062082-01STTR Dressing Assistant: Home Technology to sustain independent dressing in dementia.

STTR Phase 1 Winslow Burleson PI, University of Arizona, Tucson, \$349,127 9/30/18; 5/31/19-5/30/20;

Extension I-Corps STTR Supplement 4/19-7/19 \$55,000 Innovators' Workshops, Inc.

Role: PI of U of Arizona subcontract to EDDEE consultants

NIH grant# R21NR013471 *Technology in home intervention to sustain dementia patients' dressing abilities.* To

conduct focus groups with Hispanic caregivers from Arizona to ascertain cultural similarities and differences in dressing

issues, findings to inform the development of a responsive emotive sensing system (DRESS) alpha development, and to conduct the capability and reliability testing phases.

Role PI 04/03/2014- 8/28/2016.

PI Subcontractor Collaborators: D. Coon Arizona State U, W. Burleson, New York University

Alzheimer's Foundation 2011 ETAC-11-200316 grant 9/1/2011-8/31/2013

Context Aware Computing with Motivational Coaching to Enable Dressing. Phase 1 Recruited and conducted focus groups/individual telephone interviews with 25 White and African American family caregivers of people with Alzheimer's disease from Massachusetts to guide feature development and scripting. Phase 2 –Wrote scripts, designed approach, developed the software program, built, and debugged the DRESS alpha prototype. Phase 3 conducted alpha reliability and safety testing in a controlled laboratory setting.

Role PI

PI subcontract W. Burleson, Arizona State U

RoNA Robotic Nurse Assistant, Hstar Technologies John Hu PI. DOD / Phase 2 SBIR Jan 1 2009- 11.

Role: PI subcontract

Use of a standardized tool to improve the quality of handoff communication between a skilled nursing facility and emergency room staff. N. Kelly DNP capstone project. 2010-2011 Role: Faculty PI

Attorney General's Consumer & Prescriber Grant Program. **Dissemination of Consumer Reports Best Buy Drug Information to Advanced Practice Nurse Prescribers** Consumer's Union Prime, G Shearer PI,

Role: IHP subcontractor E. Ladd & D. Mahoney Co-PIs 7/1/08- 6/31/11

Toward understanding NP prescriptive decision making and response to evidence based prescribing studies; a sub study of the PERX project E. Ladd PI. Conducted GNP focus groups at St Louis, Mo. National GNP meeting and subsequent qualitative analyses 9/15/ 2008 – 3/20/09 Role: Co-Investigator

Nursesense: Caregiver Vigilance Through Elder E-Monitoring \$441,000. 5/1/05-4/31/2008. R21NR009262-01

NIH/NINR Implementation and analysis of AT EASE - automated technology for Elder Assessment, Safety, and Environment; the second generation of the technology used in Sensors for Seniors. New analyses of multiple stakeholders views and uses of technology with emphasis on the role of the geriatric nurse practitioners serving three ILFs and nursing implications of technology usage. Role: PI

Sensors for seniors with AD: tailoring technologies. Alzheimer's Association ETAC 04-1023 11/01/04-10/31/07 \$200k The specific aim of this project was to better understand the needs of cognitively impaired elders residing in independent living facilities and to customize and adapt remote home monitoring sensor technologies to address them. Using qualitative research techniques we analyzed key stakeholder residents/ family/ staff/ clinicians focus groups adapted our system to meet their mobility monitoring, medication taking, and water overflow concerns. We built and implemented a test system that upon intensive reliability and validity testing revealed significant signal interference for the X10 based sensors. We migrated to and implemented the first Zigbee system and conducted quantitative analyses of alert generation and system usage on a pilot of 10 residences across two Independent Living facilities in Boston. Recruitment issues were significant leading to the conclusion of the need for future research into adoption factors in order to ensure a receptive audience to technological advances. Role: PI

WEARABILITY - an analysis of personal monitoring systems that involve on-person wearing of transmitters by older persons Alzheimer's disease with applied recommendations . 11/1/07-12/31/07 Corporate sponsor Phillips Lifeline.

Role: PI

MENTOR Project .Midcareer Mentoring and Dementia Caregiving Research NIH, NINR grant 1k24 NR00141-01-05, 6/1/2000-8/13/05 \$486,060 Development of 1) Caregiving Vigilance, a new measure of caregiver oversight. 2)

Qualitative assessments of Alzheimer's minority family caregivers' impressions of treatment barriers and facilitators Role: PI

10/1/2001- 9/31/2004. **WIN Worker Interactive Networking**, Dept of Commerce, Technology Opportunity Grant, 1 million dollars, Computational home sensor monitoring linked to the workplace to aid working caregivers. First completely wireless initiative for remote monitoring in actual homes across 4 states collecting data in real time for a one year period. Integrated an online support group for workers as well as linkages to geriatric and Alzheimer's disease experts. Advanced feasibility testing to implementation and usage, reported willingness to pay outcomes and increased worker morale and reduced stress among intervention users. Role: PI

2001-12/31/2002 **TLC Telephone System for Alzheimer's Family Caregivers** NIH, NIA U01AG013255-06S1 REACH continuation supplement Role: PI

1995-2000. **REACH Boston: IVR Telephone System for Alzheimer's Family Caregivers**. NIH, NIA grant U01 – AG13255-01, 1.2 Million. REACH Project (**Resources to Enhance Alzheimer Caregivers Health**), 1995-2000. REACH is the largest NIH/NIA/NINR Cooperative multi-site randomized clinical trial of 1229 ethnically diverse caregivers and their care recipients' dyads to date. It tested the effects of 15 interventions, traditional and innovative programs designed to reduce caregiver distress. There were 5 research sites: Alabama, California, Florida, Massachusetts, and Tennessee. D. Mahoney, Massachusetts Principal Investigator of REACH for TLC, a Telephone -Linked- Computer system (TLC) offering 24/7 Interactive voice response (IVR) system support that uniquely tailored to end-users' needs and wants. The TLC technology ran successfully over the entire 18-month intervention period and exerted positive effects, especially for female caregivers reporting high levels of vigilance. The innovative distraction sub-program succeeded as proof of concept that persons with Alzheimer's disease can and would engage with their automated personalized telephone calls that caregivers used to deter distressful behaviors. Role: Chair of the PI steering committee (Yr 1), member of the meta-analytic, task analysis, and measurement committees that chose the project design and analyses plans. R. Schulz, PI Coordinating Center U of Pitt, M. Ory, NIA & M. Leveck, NINR, project officers. Role PI of Boston, MA Site.

1998-01. **Forgetfulness what's normal and what's not – A CD-ROM training program for family members**. RECALL Project. Alzheimer's Association, \$180,000. Role: PI
The specific aim was to conduct a randomized clinical trial with 112 older adults to test the outcome effects of an interactive multi-media program designed to increase older adults knowledge about memory loss. In comparison to the usual care group, which received the hard copy information version about memory loss, the interactive program viewers significantly increased their knowledge demonstrating a large effect size. Qualitative analyses found that participants were adverse to disclosing memory loss concerns in themselves to physicians out of fear that they would be treated as incompetent. Participants highly rated public access to this self-educational / screening program

1998-1999 GlaxoWellcome Clinical Applications Research Grant to support manuscript research and development on **Drug-drug interactions in older adults** . Role: PI Mahoney, D., Zhan, L., & Eckler, M. (1999)

1988-1989 Minority supplement for A. Yassein Ph.D. post-doctoral health economist to conduct **AD Caregiving Economic Analysis** under NIA grant 1U01-AG13255-01. Role: PI

1991-1992 Healey Grant, University of Massachusetts: A **national telephone survey of restraint free nursing homes**. Examination of the factors that promote and deter the transition to reducing reliance on restraints; development of a model approach for changing nursing home restraint practices. Role: PI

1990-91 Marion Merrill and Dow Foundation: A clinical comparison between two **audiometers for measuring hearing loss** in nursing home residents. A quantitative analysis of the sensitivity and specificity of a hand held audiometer with clinical practice recommendations. Role: PI

1990-91 Welch-Allyn Inc. Medical Division sponsored research to study the **clinical utility of the Audioscope3** in the nursing home setting. A cost benefit analysis with health policy recommendations. Role: PI

1988-89 Marion Merrill and Dow Foundation: The **incidence and prevalence cerumen impaction among nursing home residents**. Randomized survey of facilities in MA, designed administrative, nursing, and resident survey questionnaires. Established assessment protocol. Conducted quantitative and qualitative analyses. Role: PI

1988-89. Health Science Specialist doctoral grant competitive award for dissertation research, Veterans Administration, HSRD Northeast Field Program. Conducted a secondary data analysis of prescribing practices using Louis Harris's national studies of **physician and nurse practitioner clinical decision making**. Reprogrammed data for analysis in SPSSX. Developed a new dependent variable (prescribing appropriateness index) through congruence analysis of findings from a multi-disciplinary expert panel of prescribers to establish the "gold standard". See Honors for dissertation awards.

1988-89 Cushman Memorial Grant from the Massachusetts Long-Term Care Foundation for Research on the **Appropriateness of Nurse Practitioner Prescribing practices with older adults** and to make policy recommendations for the long-term care industry. Role: PI

1988-1989 Alzheimer's Disease and Related Disorders Grant Mass Eastern Chapter. D. Mahoney, D. Pearlman and J. Callahan co-principal investigators. **Analysis of homecare service delivery to cognitively impaired elders** with policy recommendations. Role: Co-PI

NIH Funded Research grants as PI Mentor for Post Doctoral Researchers:

K24 ,2000-2005 NIH , NINR. NR00141, D. Mahoney Role: PI

Toward understanding the experiences of African American, Hispanic/Latino, and Asian Alzheimer's family caregivers. Mahoney, PI of meta-analysis. Mentees:

Lin Zhan, RN, PhD PI - Asian perceptions

Sue Neary RN, PhD PI - Latino/Hispanic perceptions

Jane Cloutterbuck. RN, PhD PI -African American perceptions

2002-2003 NIH B.Tarlow PI, NIA R03 **Developing parity in health education**

1996-2001 NIH, NIA R29. Brooke Harrow PhD PI, **Costs of Alzheimer's caregiving**, a REACH Boston Ancillary Study, \$250,000

1997-99 NIH/NIA REACH Administrative Supplement, D. Mahoney, PI 5 U01 AG13255-03 for Barbara Tarlow Ph.D. RN Post Doctoral Nurse Sociologist. \$80,000. **The costs of recruiting Alzheimer's family caregivers for REACH.**

1996-97 NIH Minority supplement, D. Mahoney PI. NIA grant 1U01-AG13255-01.

A.Yassein, Ph.D. Post Doctoral Health economist. \$80,000. **Economic analysis of Alzheimer's caregiving.**

NIH biosketch:

<http://www.ncbi.nlm.nih.gov/myncbi/diane.mahoney.1/cv/61336/> until 2023

HONORS

- 2020 Named by Geriatric Nursing as one of the top gerontological nurse visionaries in Jan/Feb issue
- 2019 American Nurses Association Innovation Award runner up for a Smart Dresser for Persons with Alzheimer's Disease
- 2018 UMass/Lowell Solomont School of Nursing's 50 Leaders in 50 Years honoree
- 2018 2018 Albert Nelson Marquis Lifetime Achievement Award, Marquis Who's Who VIP#19354315
- 2017 Professor Emerita status, MassGeneralBrigham University of Health Professions
- 2016 Excellence in Research, Faculty Award, MGH Institute of Health Professions; inaugural recipient
- 2016 MGH Partners in Excellence Team Award for Epic Medical Record geriatric usability assessment
- 2016 Build Exito award for grant reviewer service to Portland State U's NIH biomedical worker diversity initiative
- 2015 Visiting Scholar, Alzheimer's Scotland, U.K. Alzheimer's Association
- 2015 Mass General Hospital, Munn Nursing Research Center's 1st Place Senior researcher poster award
- 2014 International Society of Gerontechnology Leading Edge Award for best innovative technology - DRESS
- 2013 Mass General Hospital, Munn Nursing Research Center's 1st Place poster award for original research
- 2011 Nurse Researcher of the Year, Massachusetts Association of Registered Nurses / ANA
- 2011 MA/NH Chapter of the Alzheimer's Association Investigator Research Award

- 2010 Named Editorial Board member, International Journal of Gerontechnology
- 2010 Partners in Excellence Award , Partners HealthCare, MGH-IHP
- 2009 Elected Fellow in the American Academy of Nursing, (FAAN) 11/7/09
- 2008 Senior Nurse Scientist appointment, Massachusetts General Hospital, Y.L. Munn Center for Nursing Research
- 2006 Named Brandeis University Heller Graduate School's distinguished alumna
- 2005 Named Inaugural Incumbent Jacques Mohr Professor of Geriatric Nursing at the MGH Institute of Health Professions
- 2005 Hebrew Senior Life Award for Outstanding Institutional Review Board (IRB) Service
- 2004 Mass Chapter of the Alzheimer's Association Award for Research Contributions
- 2003 Francis Cabot Lowell Distinguished Alumni Award for the Health Professions, UMass/Lowell
- 2001 Sigma Theta Tau International Honor Society, Theta Alpha Award for Excellence in Nursing Research
- 2000 National Alzheimer's Association – Certificate of recognition for grant review service
- 1999 National Library of Medicine, Medical Informatics Fellowship
- 1999 American Journal of Nursing Book of the Year Award for *Policy and Politics in Nursing*
- 1997 Named Fellow, Gerontological Society of America,(FGSA), Social Research Planning and Policy Section
- 1996 APNScan National Award For Health Promotion and Research with older adults
- 1994 Named Senior Research Fellow, Gerontology Institute, UMASS/Boston
- 1993 Invited participant, Agency for Health Care Policy Conference on Primary Health Care
- 1992 National Institute on Aging / Brookdale Foundation Summer Institute on Research in Aging Awardee (re-named as the Butler-Williams Scholars program)
- 1991 Sigma Theta Tau, (International Nursing Honor Society) Theta Alpha Chapter 1991 Research Award for outstanding achievement
- 1989 Gerontological Society of America, Social Research, Planning and Practice Section Doctoral student award for the best research paper. (Dissertation research study findings on NP prescribing with health policy recommendations)
- 1989 VA Health Services Research and Development Division national first place award winner for dissertation research on The Appropriateness of NP prescribing and policy recommendations for VA adoption
- 1988 U.S.A. National winner ICN/3M International Council of Nurses Nursing Fellowship Award
- 1988 Syntex National Nurse Practitioner of the Year for Innovative NP led Senior Health Center offering Primary Care, Geriatric Health Educational Outreach Programs and community health screening services
- 1986 American Journal of Nursing Book of the Year Award for *Gerontology in the Professional Nursing Curriculum* E.Gioella (ed). Mahoney authored Chap 5: *Gerontological Nursing in Graduate Education* p63-86.
- 1983 Massachusetts Nurses Association / American Nurses Association *Excellence in Writing Award* for An Innovative Nurse Practitioner Managed Senior Citizens' Health Center
- 1983- Who's Who in Professional Nursing
- 1981-2016 American Nurses Association Certification (AANC) as an Adult Nurse Practitioner; ANP,BC.;
- 2017 – to date AANC certified ANP-ret
- 1980-2019 Member Sigma Theta Tau, Honor Society in Nursing

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PUBLICATIONS

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Scopus.com author ID 7101632454 *only data from 2004 to date

Google Scholar *only data from 2004 to date

<https://ResearchGate.net> RG Search 1980's on - Diane Feeney Mahoney's Research – for free full texts when available

Mahoney, DF., S Girouard, H Lack, & KM Robinson (2022). Older adult Medicaid home and community-based services in the American rescue plan: A window of opportunity for nursing. **Nursing Outlook** (70):786-788.
<https://doi.org/10.1016/j.outlook.2022.06.007>

Mahoney, DF. (2019) Developing assistive technologies for person's with Alzheimer's disease and their carers: The ethics of doing good, not harm. Book Chapter 12, pp 203-220, in **Intelligent Assistive Technologies for Dementia: Clinical, Ethical, Social and Regulatory Implications** (2019), F Jotterand, M Ienca, T. Wangmo, & B. Elger (Eds) Oxford University Press, New York, USA. Doi:10.1093/med/9780190459802.003.0012
<https://oxfordmedicine.com/view/10.1093/med/9780190459802.001.0001/med-9780190459802-chapter-12>

Mahoney, D.F. (2019) The Caregiver Vigilance Scale. Psycnet.apa.org **PsycTESTS Database Record** © APA
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Burleson, W., Lozano, C., V. Ravishanker, J. Lee & D. F Mahoney. (2018) An Assistive Technology System that Provides Dressing Support for People Living with Dementia: Capability Study. **JMIR (Journal of Medical Internet Research) Medical Informatics** 6(2):e21 DOI:10.2196/medinform.5587 PMID29716885 <http://medinform.jmir.org/2018/2/e21/>

Mahoney, DF, Burleson, W., Rowe, J., Mahoney, E., (2016) Accuracy and Stability Testing of a "Smart Dresser" for Persons with Dementia. **Gerontechnology** 2016;15(suppl):88s. <https://doi.org/10.4617/gt.2016.15.s.912.00>.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5199139>

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URL: <http://www.iproc.org/2016/1/e12/> <https://doi.org/10.2196/iproc.6030>

Mahoney, DF, Coon, DW, & Lozano, C. Latino/Hispanic Alzheimer's Caregivers' Experiencing Dementia Related Dressing Issues at Home: Corroboration of the Preservation of Self Model and Reactions to Using a "Smart Dresser" Computer-based Dressing Aid. **Digital Health** 2016;(2)1-12, November. DOI: 10.1177/2055207616677129.
<http://dhj.sagepub.com/content/2/2055207616677129>
NIHMS831840 PMCID:5137952 <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC5137952>

Burleson, W., Lozano, C., V. Ravishanker, Rowe, J., Mahoney, E., & D. F Mahoney. (2015) Assistive Dressing System: A Capabilities Study for Personalized Support of Dressing Activities for People Living with Dementia. **Journal of Medical Internet Research mHealth and uHealth** *iProc* 2015 Oct 27;1(1):e13 ; <https://doi.org/10.2196/iproc.4700>

- V. Ravishankar, W. Burleson, D. Mahoney.(2015) Smart Home Strategies for User-Centered Functional Assessment of Older Adults. **International Journal of Automation and Smart Technology** 12/1/2015;5(4):233-242. doi:10.5875/ausmt.v5i4.952. <http://www.ausmt.org/index.php/AUSMT/article/view/952>
- D F Mahoney, W Burleson, C Lozano, V Ravishankar, E Mahoney.(2015) Prototype Development of a Responsive Emotive Sensing System (DRESS) to aid persons with dementia dress independently. **Gerontechnology** 2015;13(3)345-358; doi:10.4017/gt.2015.13.3.005.00; PMC4551505 <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4551505>
NIH PMID: <http://www.ncbi.nlm.nih.gov/pubmed/26321895>
- D.F. Mahoney, S. LaRose , E. Mahoney. Family caregivers' perspectives on dementia related dressing difficulties at home: The preservation of self model. **Dementia: The International Journal of Social Research and Practice** (2015); 14(4),494-512. doi:10.1177/1471301213501821. <http://dem.sagepub.com/content/14/4/494.full.pdf?ikey=d7N9uIpXwcaMuS&keytype=finite>
PMID: 24339112 <https://www.ncbi.nlm.nih.gov/pubmed/24339112>
- Lozano, W. Burleson, V. Ravishankar, J. Lee, K. J. Muldner, D. Mahoney. Assisting with Dressing Activities for People with Dementia via Adaptive Prompting. **Alzheimer's & Dementia: The Journal of the Alzheimer's Association** (2014), 10(4)443 ; <https://doi.org/10.1016/j.alz.2014.05.597>
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Related Publication Activities:

Editorial Advisory Board 2008- and Associate Editor 2010- to 2018. **Gerontechnology**, Journal of the International Society of Gerontechnology, (ISG) Eindhoven, Netherlands. www.gerontechnology.info

Editorial Advisory Board member 2004-2007 **The Gerontologist**, Journal of the Gerontological Society of America (GSA)

Editorial Board member 1997-2002 **OnCall magazine**, (for Health Professionals), Boston Globe subsidiary.

Audio-visual reviews - 1994-2004 **The Gerontologist**

Abstract reviewer 1989-2017 Gerontological Society of America Annual Scientific Conference; 2002-08 the American Medical Informatics Association, 2013, Women in Computing Science and Engineering 2014, & International Society of Gerontechnology 2007-2010

Manuscript Reviewer

2006- *Gerontechnology*, official journal of the International Society of Gerontechnology (ISG)

2010- 2024 Associate Editor

Intermittently:

Alzheimer's & Dementia, official journal of the Alzheimer's Association

American Journal of Alzheimer's Disease & Associated Disorders

Gerontologist, official journal of the Gerontological Society of America (GSA) (past editorial board member)

Journal of Gerontology – social sciences, official section journal of GSA

Journal of Geriatric Psychiatry and Neurology

Medical Care,

Journal of the American Geriatrics Assoc

American Journal of Managed Care

Transactions on Information Technology in Biomedicine, IEEE

Telemedicine and e-health

Computers in Nursing

Journal of Applied Gerontology

Technical writings:

2010 Developed user scenario scripts for Gerontological Society of America's IT committee's website Usability study.

2011 Designed evaluation protocol for GSA website revision review

2002 User's guide, Design and Script for Wisconsin Statewide IVR Respite call for Alzheimer's caregivers. J. Mundt PI

1998 Recall CD-ROM Director, authored Interactive training program Script dialogs and video scenarios for older adults worried about memory loss
 1995 REACH for Telephone- Linked- Computer (TLC) – Design and Script for automated Interactive Voice Response (IVR) program outreach and monitoring modules including Caregiver respite/ patient behavioral distraction & engagement calls
 1998 Designer, Script writer, executive producer for CD-ROM program on distinguishing between normal forgetfulness and serious memory loss.
Nursense, wireless sensor program assessment core.
 2014 DRESS Coaching module design and scripting/prompting narratives for context aware automated dressing device; DRESS video Executive producer
 2015 DRESS Dialog modules incorporating Hispanic/Latino cultural adaptations

Research Related Media/Press Coverage:

2018 May 12. **CBS Saturday Morning**. National TV Medical news segment covering Mahoney's NIH 14-16 DRESS prototype supporting its importance and impressive testing data <https://www.cbsnews.com/video/fall-deaths-are-on-the-rise-for-older-americans-cdc-report-says/> Starts@ 4:13 minutes into segment. Triggered by Capability Study publication.

2018, May 1. **Eurekalert.org** - DRESS prototype coverage

2018, Feb 1. **Philadelphia Inquirer Newspaper and posting on Philly.com**. Interview by Sam Wood. Mahoney quoted on geriatric marketplace and adoption of personal alarms

2017, Dec 19. **Associated Press International** video interview by Michelle R Smith. Mahoney's impressions regarding a University receiving a grant award to develop a robotic cat with Assistive Technology - "*Scientists hope to inject robo-cat with AT to help seniors*". Discussion of the potential risks and benefits.

2016, Nov 30th Interview by Margot Carmichael Lester_323 314 3735 for **Phillip's caregiving newsletter** on *Connected HealthCare and technologies for seniors*

2016, Oct 25th interview by Martha Hostetter for the **Commonwealth Fund Transforming Healthcare through technology supporting elders'** publication

2016 *How to Relieve Caregiver Stress*, Interview by Beverly Merz for **Harvard Women's Healthwatch**, November issue, **Harvard Health Publications**, Harvard Medical School. Quoted Mahoney and acknowledged her caregiver research and findings.

2015 **IHPBlog** Mahoney's posting on *Alzheimer's Disease*: <http://blog.mghihp.edu/2015/02/26/how-the-mgh-institute-is-using-research-and-education-to-address-the-challenges-of-those-struggling-with-alzheimers-disease/>

(July 2013) NIH/NIA Butler-Williams Scholars Program / NIA Summer Institute on Aging Research – <http://www.nia.nih.gov/research/blog/2013/07/preparing-next-generation-announcing-butler-williams-scholars-program>. Videoclip showing Mahoney as a faculty member: <http://www.youtube.com/watch?v=a9ccuZ2lfF0>

Boston Neighborhood Network TV broadcast (Dec 20,2012) Roxbury, MA. *Seniors Count Show* 30 min TV interview by Tula Mahl, Deputy Commissioner of Communication and Policy for the City of Boston's Commission on Elderly Affairs, discussing DRESS project and Gerontechnology. Broadcast live and on reruns on local public TV

Alzheimers' International research forum (Dec 26 2012) Madolyn Bowman Rogers interview and coverage for: *Will Technology Revolutionize Dementia Diagnosis and Care?* Discussions with leading Alzheimer's technology researchers with extensive coverage of Mahoney's work and numerous quotes on the benefits and concerns about technology design and usage with older adults. *Tech Revolution: Monitoring and the Power of Real-Time Data*

<http://www.alzforum.org/new/detailprint.asp?id=3355> *Tech Revolution: Help or Hal? Smart Homes to Ease Elder Care*
<http://www.alzforum.org/new/detailprint.asp?id=3359>

(2012) **Brandeis University Heller Alumni Magazine** article on Mahoney and her research agenda and funding

(2012) **MGH IHP Summer Magazine** – J. Shaw author. *Mahoney to use smart phone technology in research study*

Mahoney, D (2011) MGH sponsored event for researchers receiving grants from the Alzheimer's Association Dec 8th; Coverage in **Charlestown Patch Newspaper** and their online paper

Mahoney, D. (2011) Shawn Sloan interview for Beclose.com <<http://beclose.com/>> and distribution in newspapers across the country through **Hearst/NYTimes wire service**. Blog 11/29/11 quote on Personal Emergency Response Systems (PERS) limitations.; Dec Story on *Wireless technologies in elder care residences*

Mahoney, D. (2011) Melinda Young, writer, Discharge Planning Advisor interview for **AHC Media, Georgia**, on *Geriatric transitional care planning and use of the TMDS tool to improve staff communication*

Mahoney, D. (2008) Beth Baker, **Workforce Management Magazine**, interview on Mahoney's Worker Interactive Networking (WIN) project *technology to support working caregivers* 10/7/08

Mahoney, D. (2004) *Diane Mahoney Recognized for Accomplishments*. **OnCall Magazine**, March, p6

Saltus, Richard (2003) **How am I doing Nursebot? Internet** Article based on interviews with J. Coughlin PhD, Director of the MIT AgeLab and D. Mahoney PhD as Director of Gerontechnology projects from HRCA. Nov 17, 2003

Mahoney, D. Reported by Alice Dembner (2003) High-tech help for checking on seniors. **Boston Globe**, Saturday July 12, 2003, p1, 4. Feature story on the WIN project and home monitoring.

Mahoney, D. **Ihealth beat: Motion sensors used to monitor the elderly**. July 14, 2003. <http://Thealthbeat.org>

Mahoney, D., Neary, S, Cloutterbuck, J & Zhan, L. Sue Wessling, author. Reported on Mahoney and her team of Nurse Faculty Research Mentees intertwined projects on minority caregivers. (2003). *How Research Done by Nurses Improves the Quality of Life for the Elderly and Their Families*. **OnCall Magazine**, April 2003, pp23-25.

Mahoney, D. 2002 *Technology in Elder Care*. **Ihealth beat: Reporting on the Internet's impact on Health Care**, commentary by Caroline Broder, 10/18/02. <http://Thealthbeat.org>.

WIN TEAM 2002 *WIN Project targets stress of caregiving*. **OnCall** Nov/Dec, p6.

Mahoney, D. 2002 **National Center on Women and Aging Newsletter**, Brandeis U. 6(1),3. *Profile story on Mahoney*

Mahoney, D., **Making Research Real**, 2001, 1(1)1-2. *Researcher profile*. HRCA (Hebrew Rehabilitation Center for Aged)

Mahoney, D. **Boston Business Journal** 9/29-10/5, 2000. Interview by Allison Connolly HRCA Medication symposium

Mahoney, D. **Consumer Reports on Health** 12(4)00 1-5. *Alzheimer's Disease: Glimmers of hope*. Quotes and consultant on Alzheimer's family caregiving

Mahoney, D. **Healthbeat Boston Channel 5** 4/7/00. TV Interview and live demonstration of our older consumer educational intervention: *A CD-ROM program that differentiates normal forgetfulness from serious memory loss*.

Mahoney, D. & R. Rosenberg 2000, *Thinking about Research... Things you Should consider before you say yes*. Interviewer Helen Osborne for **On Call Magazine** 3(8)34-35.

Mahoney, D. **Coming of Age, Two part TV News series on Aging and Ageism. Channel 5, Boston** reporter Janet Wu. March, 2-3, 1999. Part 1 Mahoney interview discussing age related normal changes and setting the stage for Wu to experience them with simulated sensory and physical changes; Part 2 Production team filmed Wu's experiences as she shopped in her usual stores but now ignored when professionally made up as an older woman with visual, hearing, and physical modifications that mimicked normal aging related declines.

Mahoney, D. Alzheimer's Disease. **OnCall Magazine**, interview and quotes on aging. Fall, 1999.

Mahoney, D. (1998) Coverage of presentation -*Alzheimer's Disease technology interventions for caregivers*. **Brown University, Quality Advisor**. 10 (11) 2-3.

Provisional Patent Application

Automated Dressing Coach 62/013296 filed 6/17/2014 - 6/17/2015

Automatic Dressing Coach 62/220568 through 9/18/2016

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NATIONAL POST DOCTORAL RESEARCH MENTORING

Gerontological Society of America:

Faculty Research Mentor Volunteer year-round, 2008-.Mentoring Consultant for 8-10 Emerging Scholars;

Dedicated session at Annual Meeting 2011 – 2025

NIH/NIA Summer Institute for new investigators Faculty presenter and mentor 2009 – 2020

2015 Cassandra Okechukwu PhD, RN (mentored research writing) won APHA research paper competition

Dissertation Committee Member – Vijay Kumar Ravishankar, Arizona State University Fulton Schools of Computing, Informatics, and Decision Systems Engineering, Tempe Az. 2013-2015; PhD in Computer Science awarded. Dissertation: A Context and Affect-Aware Machine Learning Approach to Functional Assessment in Older Adults.

IHP FACULTY / GRADUATE STUDENT RESEARCH MENTORING

- 2016 Natasha Gupta Master's scholarly project faculty mentor - Colvin award nominee for best paper 4/16
- Elizabeth Devore Master's scholarly project faculty mentor
- Gregory Bird, MGH nurse consultant; Delirium in Hospital Patients – mentored – HSL Delirium fellowship
- Meg Bourbinairre PhD, RN MGH Director of Nursing Research, –NIH grant development
- 2015 Andrea Fairman PhD OTD faculty – collaborative consultation and referrals
- Anna Allen PhD Rehab Science Student – wearable technologies consultation
- Ruth Lopez PhD GNP Spanish questionnaire translation support
- Rita Olans DNP, anti-microbial stewardship agenda funding options
- Abraham Niwande, PhD New faculty mentee ; faculty teaching fellowship grant (awarded May 2014)
- Faculty Development Publication Workshop –Editor's perspective. 4/29/15
- Swartz Grand Rounds on Music and Technology Care Interventions. Moderator 2/11/15
- 2014 New Faculty Lecture Series; Conducting Research at the IHP and Partners
- Pat Reidy, PhD. Grantsmanship (HRSA 3 yr grant submitted) Awarded July 2014
- Abraham Niwande, PhD New faculty mentee ; faculty teaching fellowship grant (awarded May 2014)
- Darcy Bennet, Master's scholarly project faculty mentor (Research Poster accepted at ERNS and MGH nursing)
- 2013 D. Rosenbloom-Brunton PhD NIH/ NINR RO3 design and submission (transferred to UMass/Amherst)
- Janice Goodman R21 grantsmanship and post award mentoring
- Elissa Ladd PhD, developing a program of prescribing related research
- Ellen Long Middleton PhD, AREA R15 How to respond to NIH reviewer's critique; acquiring intramural funding to obtain pilot data for NIH resubmission; (awarded 2013 faculty fellowship intramural grant)
- Susan Hamilton PhD, developing a research program on mid-life health promotion
- Andy Phillips PhD, funding technology strategies
- IHP faculty research grant review feedback
- Nadia Sultana and Diane Ransom DNP designing and managing capstone projects
- Sharon LaRose MS NP, writing for research publication (co-author 2013)
- 2012 Dec, Mohr Mentoring Moment talk Faculty Research Fellowship: Grantsmanship 101

- D. Rosenbloom-Brunton Hartford Foundation Geriatric Nursing Research Fellowship – awarded; IHP site mentor
 Julie McReynolds, Scholarly Project DRESS focus groups spring 2012
 IHP Faculty Fellowship coordinator, reviewer, counselor
 Mohr Mentoring Moment - Proposal rejected? Next steps to take May 2012
 Kneiss, J. PhD PT – research program planning consultation; responding to reviewers' critiques
 Hoyt, A. - dissertation - responding to reviewers' critiques; Awarded RWJ research fellowship
- 2011- D. Rosenbloom-Brunton, Hartford Foundation Geriatric Nursing Research Fellowship
 R. Lopez Macy Foundation Grant; primary mentor
 Gerontological Society of America: IHP research symposium coordinator: Lopez, Rosenbloom-B, Roberge, Henderson participants
 IHP Faculty Fellowship coordinator
 LaRose, Sharon - Scholarly project on AD dressing , fall 2011
 Kelley, Nancy Capstone study of SNF to ER transition issues and results publication 2010-11
 McNeill, Tammy Scholarly project on NP prescribing in long term care, spring 2011
- 2010 Maura Iversen PhD R21 awarded (transferred to Northeastern U, PT chair)
 Linda Tyer-Viola – Faculty Research Fellowship- Awarded
 Alex Hoyt – Faculty Research Fellowship - Awarded
 Deborah Rosenbloom-Brunton Hartford Geriatric Fellowship – awarded but deferred to post -partum
 Marianne Bennato Physical Therapist – Research career counseling
 IHP Doctoral Nursing Student Nancy Kelly: Study Protocols, IRB application, and Capstone Project
 National: Nicole DeRoche UCLA Master's student in Gerontechnology, Part of GSA Emerging Scholar Opportunity for GSA Fellow mentoring.
 Gerontological Society of America: IHP research symposium coordinator: Lopez, Rosenbloom-B, Kelly, Henderson participants
- 2009 Maura Iversen PT PhD R21 grant revision and submission
 Ruth Lopez intramural geriatric grant (awarded), NIA Summer Institute on Aging Research (awarded)
 Janice Goodman PhD RWJ faculty grant (awarded) R21 (awarded)
 Elissa Ladd PhD Consumer Union research subcontract (awarded)
 GIMM : I. Corless, D. Rosenbloom-Brunton, L Tyer-Viola NIH R15 & J Goodman NIH grant development
 Student: Joseph Osegahle – spring doctoral research practicum DNP 870
- 2008 Maura Iversen PhD PT R21 Grant submission
 Alice Bonner PhD RN Career counseling
 Margaret Mahoney – Developing scholarly research agenda related to aging of clergy /assisted living
 Carol Gawdry's MS RN – Developing program of research on end-of-life home care coverage issues
 Janice Goodman PhD, NP Grantsmanship, Proposal consultation and reviews
 Deborah Rosenbloom-Brunton PhD RN - Sigma grant review (awarded)
 Students: Kimberly Goc RN MS GNP, Doctoral Student, 3C Research Practicum DNP 870 Spring semester 2008
 Stephanie Queripel RN, MS graduate student 3C Scholarly Project NS 891 Spring semester 2008
- 2007 – INHL Sujata Rajaram, RN from Alexandra Hospital, Singapore 11/8/07
 NIH/R15 consultant, Sunghee Tak PhD, RN UAMC
- 2006/7 E. Ladd PhD, RN PI, AG Consumer Education Grant, Subcontractor to C.U. (awarded)
 Proposal consultation and reviews: Hoyt, Iversen, Sullivan, Corless
- 2005 – MGH IHP, Ruth Lopez PhD, RN PI, Intramural grant, Hartford Post-doc (awarded)
 Elissa Ladd PhD, RN PI, AG Pharmacy Grant for NP prescribing (awarded)
- 2005- UMASS/Boston Nursing Program Faculty mentor for J. Cloutterbuck PhD, RN. Alzheimer's Association Grant Proposal.
- 2004-6 University of Arkansas Medical Sciences Faculty mentor for Sunghee Tak PhD, RN.,
 K01 secondary mentor. Therapeutic Computerized Activities / games for person's with memory loss or AD .
 Funded: 2004 P20 Tailored Biobehavioral Intervention Center Grant , 2005 Hartford Foundation Geriatric Fellowship 2006 Beverly Health Care Pilot Grant, 2006: R15, STTR

MGH-IHP Doctoral advisor: Geriatrics: 2007-9 Kimberly Goc GNP 2008 –10 Nancy Kelly GNP 2008- 2010; Carol Gawdry's 2009-2012 ; **Informatics:** Nadia Sultana 2010-13 John Roberts 2012-13 Diane Ransom 2012-13;15
MGH-IHP Doctoral research practicum: Kimberly Goc GNP Spring 2008 Qualitative analysis of ETAC phase 1

2009 Joseph Osegahle GNP Spring 2009 Robotic Nurse assistant usability; GNP prescribing behaviors
 MGH – IHP Doctoral program guest lecturer: Outcomes Course: REACH outcomes 6/14/08

Academic Graduate Teaching

MGH-IHP

NS-891-N01-16 SP Direct Entry Nursing Master's Program – Scholarly project mentor/ advisor

DNP 870 Mentored Doctoral Practicum - mentor

NS891N-01-15FA Nursing Research ,John Wong PhD – invited lecturer

NH 730 Outcomes Measurement, J. Toomey PhD – invited Lecturer

SLP – (Speech Language Program) Guest lecturer on communicating with cognitively impaired,

Lectures: Alzheimer's Disease, innovations for Long-term care, Nursing ethics, grantsmanship, writing for publication

Boston University Medical School Masters and medical students research project supervision, practicum mentor

Boston College Taught graduate courses Adult Nurse Practitioner Primary Care I and II; NP Health Assessment I and II and Growth and Development Across the Lifespan, (undergraduate)

UMASS/Boston - Coordinator of new Gerontological Nurse Practitioner (GNP) Program, participated in initial NLN accreditation preparation and visit. Developed and taught Courses on Geriatric Health Assessment, Primary and Advanced GNP care. Established, coordinated preceptorships and supervised clinical sites. Conducted guest lectures at UMASS Gerontology Program on Gerontology clinical research and project development, collaborated as geriatric forensic nurse investigator assessing the quality of nursing home inspectional services by Mass Dept of public health teams

UMASS/Lowell- Chair and Coordinator of Gerontological Nurse Practitioner Program. Taught Role of GNP, Gerontological Health Assessment I, II, conducted student Clinical Practicum at Lowell General Hospital's Outpatient Senior Clinic, a Clinical Practicum in a Lowell Nursing Home, a Clinical Practicum at Tewksbury Long Term Care Hospital, and initiated a Clinical practicum at my former nurse managed health center in Medford's Riverside Towers Senior Citizens Health Center for mentored home visits to conduct wellness assessments with first year GNP students.

Dissertation Committee Member:

2013 - 2015 Vijay Ravishankar, PhD, Dr. Winslow Burleson chair, from the Human Computer Interaction and Assistive Technologies Dept at Arizona State University. Building a system to assess functional ability in older adults by tracking their daily activities

Paula Michaud, PhD Boston College School of Nursing. Senior Adult's Experiences with Self-Medication at Home a Qualitative Analysis. Completed 3/20/96

Quanita Kim, PhD Heller School, Brandeis University; Registered nurses employed in acute versus long-term care institutions in 1984 and 1988: A comparative analysis. Secondary analysis of the 1984 and 1988 National Survey of Registered Nurses, Division of Nursing, USDHHS. Completed 5/95.

Master's and doctoral oral comprehensive exams: conducted 20. Boston College- Nursing, Brandeis University- Policy

Master's thesis mentor: Boston University School of Medicine and BU College of Communication (Interactive Voice Technology studies); University of Massachusetts/Lowell, College of Health Professions (Nursing studies)

Master's Clinical Research mentor: Angela Goodridge RN, MS Northeastern University School of Nursing 2004; research recruitment and a sub study of WIN project refusers

MGH-IHP Master's Scholarly Project mentor to: Stephanie Queripel A nursing assistant robot, 2008; Tammy McNeil NP prescribers in LTC 2011 2011 Sharon laRose DRESS recruitment 2012 Julie McReynolds DRESS focus group transcribing, Darcy Bennet 2013-2014 UVt Interdisciplinary Webinar Simulation Training Program -development and evaluation. Elizabeth Devore ScD Quantitative validation of Nursing Role and Nastasha Gupta NP Screening recommendations to identify caregiver distress in primary care, 2015- 2016.

SERVICE

2021 Pre-publication Content Reviewer. *Assistive Living Policies and Practices*, Darlene Yee Melichor, San Francisco State University

2020 Brandeis U, Heller Alumni engagement 60th Anniversary Team

2019-to 2022. Patients Voice member for on-line service quality improvement, Massachusetts General Hospital, Boston

2017- 2019 Boston Hubweek STEM week volunteer

2018-2019 Mass Gen Hospital Nurses Research Day Poster Judge

Committees: Chair, Brandeis U, Alumni nominating committee, Executive committee and Board member 2002 to 2008. 2004- Member of the Center for Aging Services Technologies (CAST) Funding for Aging Services Technology (FAST) committee, Research Committee, and 09 Working group on caregiving . Social Science, Practice & Policy (SRRP section Executive committee member 2011-14, member Nursing Older Adults Interest Group, the Technology & Aging Interest Group, the SRRP Technology committee and the Fellows' mentor committee of The Gerontological Society of America. National Alzheimer's Associations' Working Group on Technology (WGT) founding member and Chair of technology & ethics task force, American Academy of Nursing, member Expert Panels in Technology; Aging, member of International Association of Gerontology and Geriatrics (IAGG); Executive Council Member, International Scientific Committee of ISG*ISARC2012 and 2014, Gerontechnology World Conference; International Society to Advance Alzheimer's Research & Treatment (ISTAART); 2013 Planning Committee for AAIC Alzheimer's Association's International Conference, Technology Pre-Conference in Boston, 2014. ISG planning committee and abstract reviewer for Taipei International Meeting. 2016-18 Upsilon Lambda Sigma Chapter Executive Committee, Chair, Sigma Leadership Succession Committee

Service Activities:

2022-3 MIT engineering workforce initiative / NSF center grant, collaborator
 2021- present Ad Hoc member of National Scientific Advisory Council (NSAC) American Federation of Research / National Academy of Medicine Grant program reviewer
 2021 External evaluator of Canada's AGE-WELL (Aging Gracefully across Environments using Technology to Support Wellness, Engagement, and Long Life) Program's Chair toward meeting project goals and productivity over last decade.
 2020 Subject Matter Expert Reviewer for Healthy Longevity Global Grand Challenge - Catalyst Innovation Research Awards. Sponsors: US National Academy of Medicine and American Federation of Aging Research
 2020 Reviewer, American Academy of Nursing Policy Paper on Nursing and Robotic Technology
 2019 Regents Professor External Reviewer, Arizona State University
 2019 Delphi Survey Expert Panelist, University of Washington, Gerontechnology guideline development
 2018 Cantas Institute of Higher Education, Hong Kong, Faculty External Grant Proposal Reviewer
 2017 U of Maryland School of Nursing – Professional Educational services
 2017 John Hancock Professional Educational Services
 2017 Executive Office of Elder Affairs. Technology planning for Assisted Living; Fall Conference Tech Panel participant
 2017 Harvard Catalyst Qualitative Survey Research mentor
 2016 Harvard-Kent elementary School, Charlestown MA Scholarship development committee – grant development analysis and Board presentation
 2016 Canadian Technology Accelerator, Ayogo project
 2016-19 *MemoryWell* Advisory Board Member; Jay Newton-Small CEO & Founder “Building Empathy One Story at a Time” Writing stories of nursing home residents' lifespans to sensitive staff to their individualities. 2018 MIT Solve Award Innovation Prizewinner; 2019 One of D.C.s 20 startups to watch, 2020 Tech Stars Portfolio – gone public.
 2015 IVR geriatric programming Dr. James Aitkens, U of Michigan, R01 design
 2015 Geriatric End of Life counseling in the ER. Dr Kei, Brigham ER physician, R21 pre-proposal
 2015 *Storiography* Jay Newton-Small Washington D.C. / Kennedy School, Harvard & Time Magazine reporter
 2015 Blue Ribbon Expert Panel Member for Canadian Consulate Technology business development and exchange
 2015 Booze, Allen, Hamilton; David Sulek, Sarah Rose Researching market on technology for aging 2/4/15
 2014 Kinnect, Joseph Ternullo, J.D, Former Assoc Director, MGH Partners Connected Health Program.
 2014 Nevada Caregiver Support Center at the University of Nevada, Reno. Dr. Fisher (funded)
 2013 Myndr –Aaron Boxer, PhD,
 2012 Nordic Technology Group - remote activity monitoring
 Humana Medicare beneficiaries and technological solutions
 MyCog Cognitive health technologies
 MentorsVoice – Caregiving support through health videos
 2009 – 2011 HStar RONA robotic nursing assistant NDA
 Welch-Allyn / Blue Highway; / Partners Center for Connected Health 2009 wearable technologies
 2008 Philips Lifeline, wearable technologies NDA
 2007 Triton Therapeutics, Inc. CA Intelligent Pharmaceuticals.
 SBIR Expert Panel Member, Standardized Assessment of Doctor-Older Patient Interactions, 1/23-1/24, 1997. REDA International, Rockville, MD
 Nurse Practitioners for Continuing Education (NPACE) Geriatric Clinical Advisor; Research Consultant 1996

Mass DPH, Division of Health Care Quality; Observation and analysis of nursing home licensure visits 1994
 Harvard Community Health Plan Foundation: Managed care project 1993-4.
 Evaluator for Case Managing the Acutely Ill Program; The Center for Nursing Case Management 6/91, K. Zander
 Pre-retirement program workshop leader, 1985 to 1990 (Bank of Boston) 1993-4 (Family Care Inc. & A.D. Little)
 Massachusetts State Nurses Association: NP certification review instructor 1983-90
 Concord Visiting Nurse Association: developed and conducted a Community based Geriatric Pap Screening Program
 Beverly Hospital: Centennial Health Center, occupational health NP summer 87-88
 Midlife and Older Women's' Health book Collective: reviewer/reader
 MA Dept. Public Health: subcommittee on NP prescription writing 1982-85

Policy Consultant Activities:

Republic of Ireland National Board on Nursing – NP Prescriptive authority 2004
 National Association of Female Executives, Public Policy Board Member 1996-2001
 City of Newton, Senior Center Design Advisory Committee, 1992-3. City of Medford, Senior Center Committee 1982
 Mass Nurses Association, July 1993 Data analysis of a statewide survey of NPs
 John W. McCormack Institute of Public Affairs: Faculty Advisory Council, UMASS/Boston, 1991-92; Medicaid maximization project consultant.

Memberships: American Academy of Nursing(member of Expert panels on Caregiving and Technology to present), Gerontological Society of America since 1979: Past chair nursing special interest group Doris Swartz Award Committee, Editorial Board, the Gerontologist; International Society of Gerontechnology; National Gerontological Nursing Association, Informatics Committee; MGH- IHP Chapter of Sigma Theta Tau International Nursing Honor Society; Mass Association of Registered Nurses / American Nurses Association, Brandeis University Heller Alumni (Board Chair, Nomination Committee & member Executive Committee 2002-8) Rosalynn Carter Institute for Human Development – Caregiving and Alzheimer's Disease Editorial Board and Expert Panel* , Amer.Assoc. Homes and Services for the Aging (AAHSA) Center for Aging Services Technologies (CAST) funding and research committees, International Society to Advance Alzheimer's Research and Treatment (ISTAART / AAIC) technology committee (* past committee member), Association of Gerontology in Higher Ed (AGHE 1980's) and American Society on Aging (1990s).

Community: Friends of the Charlestown Navy Yard, USS Constitution Museum, Charlestown Historical Society, YMCA Charlestown, Chair, Pier 7 Landscaping Committee, *Walk the Beat* Seniors and Police together, Heller Alumni in Aging Research and Policy (HAARP), Brandeis U.

MGH Institute of Health Professions Committees, 2008- Provost's Research Committee, Coordinator Faculty Grant Review Committee, Office of the Provost Research & Scholarship Committee ; Strategic Planning Implementation Team for Research & Scholarship, Diversity Leadership Committee, Sabbatical review committee 2015-16, PhD in Rehabilitation development committee 2009-12:, 2008-9 Chair, Faculty Research Committee, Chair GIMM team 2008 Faculty Scholarship work group, Presidents' key faculty leadership group 2006/7; Festschrift committee07; Chair, Task Force for Clinical Investigations Program Director 2007/8, IHP Sabbatical reviewer 08-12, CI Moratorium committee 08 , Institute's Research Review Committee 2005-08, Nursing Dean Search Committee 2009-10. Peabody Nursing Chair search committee 2011-12, Elected Faculty Senator 2012-15 -Faculty Appointment and Promotions Committee; 2012- 2015 Appointment and Promotions Model Revision Special Task force, 2013-4 QI writing group 2013, DNP Capstone committee 2014, Research Operations Committee 2014- to date, 2015- Sabbatical Review Committee, 2015 Coordinator and Moderator of Swartz Rounds program on Music and Technology interventions in caregiving of persons with Down's and Parkinsonism related dementias. 2016 IHP Chapter of Sigma Theta Tau, Executive Committee, Chair Nominating Committee.

Partners IHP Representative: 2005 - Telemedicine Connected Health Program Member, Partners Executive Council on Research Council Rep 2007-2016, MGH faculty research council rep 2007 – 2016 MGH Office for Research Career Development Steering Committee, 2008- 2016 Senior Research Scientist, Munn Nursing Center, 2009-to date

Volunteer service committees: WGT working group on technology, Alzheimer's Association, CAST Center for Aging Services & technology, Grant reviewer for NIH panels, SEC, and Challenge grants, and Alzheimer's Association. Gerontological Society of America, 2011-3 Social Science Research & Practice Executive Committee Senior Fellow

Mentor 2008- present . GSA scientific SRPP abstract reviewer Heller Graduate School of Social Policy & Management, Brandeis U 50th Anniversary Event Committee 2009, 2010 ATA draft reviewer / ANA informatics competencies;
 2010 National Gerontological Nursing Association – Awards Task Force
 2010-2013 Gerontological Society of America Information SRPP Executive Committee, Chair SRPP Technology Committee
 2012 Chair, Alzheimer’s Association TPIA Consumer Guidelines for Technology Interventions writing group-
 2012 Chair, Technology interest group meeting, Gerontological Society of America Annual meeting
 2015 Chair, Program Evaluation Committee, NIH Cedartree project
 2016, Volunteer grant advisor/writer, Harvard Kent Elementary School Charlestown scholarship committee

Research Study Participant:

Nurses’ Health Study (NHS) II 1989 to present, Harvard School of Public Health, National longitudinal study, wave Cohort 2
 NHS II CHEARS Hearing sub-study 2013 – 2016 MassEye&Ear Institute
 2016- National Science Foundation (NSF) Doctoral Recipients’ Longitudinal Career and Retirement Study of 1980’s PhD graduates in the sciences
 2019- All of Us NIH national longitudinal US population study to establish a large-scale research rigorous database for ongoing studies and funding
 2020 Non-Covid comparison control group, Mass General Hospital Covid infection study

SELECTED PRESENTATIONS

D. Mahoney Onsite Engineering Seminar/ Zoom interdisciplinary webinar. Ethical Issues Related to Developing Assistive Technologies for Older Adults: Doing Good, Not Harm. 3/16/22 Massachusetts Institute of Technology (MIT), Engineering Research Consortium.

D. Mahoney NIH/ National Institute on Aging Butler Williams Research Scholars Training Program, July 31, 2019. Plenary session: Leadership, grant management, and more! Followed by Breakout session on career development and grantsmanship

D. Mahoney 2018 Gerontological Society of America Annual Scientific Meeting, Boston. Developing Assistive Technologies for Persons with Dementia and their Carers: The Ethics of Doing Good, Not Harm. Paper Presentation. Symposium #665 moderator: Behavioral Health, Care Needs, & Community Services. 11/14/2018.

D. Mahoney 2018 National Hartford Center of Gerontological Nursing Excellence Leadership Conference on Aging, 11/13-14, 2018, Boston. Caregiving Interventions Session., Vigilance – a Measure for the CARE ACT requirement for Caregiver Screening and Gero-Technology: e-Health and Home -Based Care Discussion Group co-leader

D Mahoney NIH/ National Institute on Aging Butler Williams Research Scholars Training Program, Aug 2, 2018. Plenary session: Leadership, grant management, and more! Followed by Breakout session on career development and grantsmanship

D. Mahoney. Environmental Design of a Dutch Assisted Living Village & Mahoney’s Adoption of Home Monitoring Predictive Model. Assistive Technology and Environmental Design Panel presentation. Mass Executive Office of Elder Affairs Dementia Friendly America Massachusetts Program on- Creating Welcoming Communities: Expanding age and dementia friendly communities. November 9, 2017, Marlboro, MA.

D. Mahoney. Sensor sensibilities for care managers: Adoption of sensor based activity monitoring technologies by older adults and their caregivers / care partners. John Hancock Care Managers National webinar Professional Education Program, Sept 19, 2017.

D. Mahoney NIH/ National Institute on Aging Butler Williams Research Scholars Training Program, Aug 2, 2017. Plenary session: Leadership, grant management, and more! Followed by Breakout session on career development and grantsmanship

D. Mahoney U of Maryland, School of Nursing's Summer Institute in Nursing Informatics. Keynote Presentation: Nursense, Innovation, and You: Engaging Geriatric patients and Carers with Technology, July 14, 2017

D Mahoney. MGH Institute of Health Professions: Programs of Research. Development Office Donor Presentation March 3, 2017

D Mahoney. MGH Institute of Health Professions: Research foci. Presentation to MGH Executive Council on Research, Jan 23, 2017

D Mahoney, W Burleson, J Rowe, & E. Mahoney Operational Accuracy and Stability Testing of a "Smart Dresser" for Persons with Dementia 69th Annual Scientific Conference , Gerontological Society of America, 2016. Published abstract ID 2499852, November 17, 2016 New Orleans, LA

D Mahoney, W Burleson, J Rowe, & E. Mahoney. Prototype development of a responsive emotive sensing system (DRESS): System operations testing outcomes. Poster presentations. 2016 Partners Connected Health Conference, World Trade Center, Boston, MA, 10/20 and 10/21, 2016.

D. Mahoney. Dementia related dressing issues: Findings from the DRESS Phase 1 project and implications for rehabilitation research MGH Institute of Health Professions, PhD program in Rehabilitation Science doctoral seminar presentation. 10/18/2016

D. Mahoney, W Burleson, J Rowe, & E. Mahoney . Accuracy and Stability Testing of a "Smart Dresser" for Persons with Dementia. World Congress on Gerontechnology, Nice France. E-poster interactive presentation, 9/28/ 2016.

D. Mahoney. Adoption of Gerontechnology: Myths, Realities, and Evidence Based Model. UMassBoston, Gerontology Graduate Program September Colloquia Keynote, 9/19/2016

D Mahoney Teaching Old Dogs New Tricks: My Program of Research. Symposium Presentation, MGH-IHP State of Scholars Event Faculty Research Scholarship Day, 9/16/2016

D Mahoney. NIH/NIA Butler Williams Research Scholars Training Program, July 27, 2016. Plenary session: Leadership, grant management, and more! Followed by Breakout session on career development and grantsmanship.

D Mahoney & Eddy Ang. Map Thru the Maze: Alzheimer's Association Professional's Conference. Session: Emerging technologies for persons with dementia. May 18, 2016 Symposium

D Mahoney. Prototype Development of a Responsive Emotive Sensing System (DRESS): Technical operations testing. Massachusetts General Hospital Nursing Research Day Poster Presentations. May 3, 2016

D Mahoney. A GNP nurse scientist: improving client care through research, innovation, and publication. MGH-IHP Dr Wong's Nursing Research class 1/27/16

D. Mahoney. Gerontological Society of America's (GSA) Annual Scientific Meeting Nov 18-22, 2015 in Orlando Fla. Co-chair for the symposium: Exploring Dignity as a Critical Concept in Dementia Care
Presented : Dignified Dressing of Persons with Dementia

Invited to participate in GSA's first Aging, Technology and Innovation Conference Day.

"Meet the Innovator's session" symposium.

Presented on: A technology in home intervention to sustain dementia patients dressing abilities.

Discussant as one of five on the innovation panel

Led a roundtable breakout session on innovation and research.

D.F. Mahoney, 11/12/ 2015 Challenging Myths, Muddling Through, and Model Building: A Gerontechnology Nurse Researcher's Tale. MGH-IHP Sigma Theta Tau Chapter fall research meeting keynote, Charlestown, MA

W. Burleson, D. Mahoney 10/29/15 Assistive Dressing System: A capabilities study for personalized support of dressing activities for people living with dementia. Partners Connected Health Symposium Poster Session, Boston, MA

D.F. Mahoney, 10/13/ 2015. Latino Caregivers' Perspectives on Dementia-Related Dressing Difficulties at Home: Applicability of the Preservation of Self Model. Competitive poster presentation. National Institute of Health NINR 30th Anniversary Scientific Symposium Advancing Science, Improving lives.

D. F. Mahoney 9/28/2015 Mahoney's Evidence-based adoption of Gerontechnology monitoring – Model Development. Northeastern University Center for Technology in Support of Self-Management & Health, Keynote Seminar presentation.

D.F. Mahoney 7/29/2015 NIH/ NIA. Initiating, leading and managing NIH funded research. Plenary address, Butler-Williams Summer Institute; and mentor leader of management discussion subgroup

D.F. Mahoney, June 1, 2015. Development of a Responsive Emotive Sensing System (DRESS) "Smart Dresser" to Enable Dressing by Persons with Alzheimer's Disease. Paper presentations. Alzheimer Scotland Dementia Awareness Week Conference, Glasgow, Scotland.

D.F. Mahoney, May 7, 2015. Latino Caregivers' Perspectives on Dementia-Related Dressing Difficulties at Home: Application of the Preservation of Self Model. MGH Nursing Research Day Interactive poster session. Massachusetts General Hospital, Boston

D.F. Mahoney April 29, 2015. An Editor's View on Advancing Publication and Impact. MGH Institute of Health Professions Faculty Development Workshop.

D.F. Mahoney, Nov 5-10, 2014 Gerontological Society of America's conference, Washington, DC Poster - Alzheimer's family caregivers' impressions of a prototype design for a coaching device to guide dressing

D. F. Mahoney , Oct 16, 2014 Technology update: What nurse leaders need to know. Meeting Leadership Challenges: A New Era in Nursing. St Anselm's College Conference, Kennebunkport, Maine

D. F. Mahoney, NIH/ NIA – Research Training Session Initiating, Leading and Managing NIH Research Grants 8/6/ 2014

W, Burleson, D Mahoney et al. DRESS ISTARRT International Alzheimer's Conference. Copenhagen, Denmark. Paper and Poster: An automated prompting system to help people with memory loss get dressed, July 15, 2014

D.F.Mahoney. International Society of Gerontechnology, 9th world conference of Gerontechnology, Taiwan, June 15-23, 2014 Symposia: Inter-university and inter-disciplinary collaboration in Gerontechnology:Lessons from North America. R Woolrych, A Sixsmith, W Kearns, J Fozard, C Galambos, D Mahoney, S Levkoff
Paper: D.F. Mahoney : Partnering for Gerontechnology research and development: Risks and rewards
Poster D.F. Mahoney, W Burleson, C Lozano, V. Ravishankar, E. Mahoney : Development of a Responsive Emotive Sensing System (DRESS) to aid persons with dementia dress independently. (* *First Place Cutting Edge Technology Achievement Award*)

D.F. Mahoney, International Dementia Scholars Collaborative, Creating Patient and Family Focused Dementia Care May 30, 2014, Boston, MA. Paper Presentation: Dressing Difficulties in Dementia Caregiving: The Preservation of Self Model. Poster - An automated prompting system to help people with memory loss get dressed.

Bennet, Darcy, Mahoney, Diane, & Mary Val Palumbo. Inviting innovation in interprofessional care of elders with chronic illnesses Massachusetts General Hospital Nursing Research Day, original research poster presentation, May 7, 2014

D.F. Mahoney, Gerontological Society of America's Scientific Conference, November 23, 2013, New Orleans, LA
Paper Presentation: Mahoney's Evidence-based Adoption of Gerontechnology Monitoring Model

Poster Presentation: D Mahoney, S. LaRose, E. Mahoney Dressing Difficulties in Dementia Caregiving: The Preservation of Self Model.

Mahoney, D.F. NIH/NIA Summer Institute on Aging Research/ Butler-Williams Scholars program.
Plenary session. Managing your first R01 grant.
And Discussion forum leader : Being a new PI. July 15-17, 2013, Bethesda Md. NIH campus.

D.F. Mahoney. Context Aware Computing to Enable Dressing by Persons with Alzheimer's Disease. Alzheimer's Association International Conference 2013, Technology Pre-Conference Workshop paper presentation, July 13, 2013, Boston, MA

W.Burleson, C. Lozano, V. Ravishankar, D. Mahoney, E. Mahoney. An automated prompting system to help people with memory loss get dressed. Poster Presentation, Alzheimer's Association International Conference 2013, Technology Pre-Conference Workshop, July 13, 2013, Boston, MA

D.F. Mahoney, S. LaRose, E. Mahoney Dressing Difficulties in Dementia Caregiving: The Preservation of Self Model. Poster Presentation, Alzheimer's Association International Conference 2013, Technology Pre-Conference Workshop, July 13, 2013, Boston, MA

D.F. Mahoney. Theoretical model building through empirical research. PhD Research Symposium Series, MGH IHP, June 13, 2013

D.F. Mahoney, S. LaRose, E. Mahoney Dressing Difficulties in Dementia Caregiving: The Preservation of Self Model. 2013 Nursing Research Poster, First Place Award for Original Research, Mass General Hospital, Munn Center.

D.F. Mahoney, W. Burleson, E. Mahoney *Caregivers' Dementia Related Dressing Issues Influencing Device Design and Development* 2012 Gerontological Society Annual Scientific Meeting, Nov 14-18th, San Diego, CA

Mahoney, D.F, Burleson W. Dress: Qualitative Outcomes influencing technology development
Alzheimer's Association's annual ETAC scientific conference Sept 18-20, Chicago, IL.

Mahoney, D.F. NIH/NIA Summer Institute on Aging Research. Plenary session. Managing your first R01 grant.
And Discussion forum leader : Being a new PI. July 11-12, 2012, Bethesda Md. NIH campus.

Mahoney, D.F, Burleson W, & E. Mahoney. Context aware automated prompting for dressing: Concept feasibility. International Society of Gerontechnology* International Symposium on Automation Robotics and Construction 2012 World conference, 6/25-29/2012, Eindhoven, Netherlands

Mahoney, D. Spaulding Rehabilitation Hospital. Medical Residents' Training Program. Adoption of technology by older adults and health care professionals. 6/12/12 Boston.

Mahoney, D. Adoption of Geriatric Technologies: Myths, Realities, & Model! Plenary paper. Issues in Aging Conference, Wayne State University Institute of Gerontology, 5/14/2012 Dearborn MI

Mahoney, D. Dressing Issues Experienced by Alzheimer's Family Caregivers. Mass Gen Hospital Institute for Patient Care Nursing Research Poster Expo 5/9/12 Boston

Mahoney, D. Developing the DRESS project. On the cutting edge of Alzheimer's research: the search for answers. MA/NH Alzheimer's Chapter annual research conference 3/28/2012 Keynote panelist, Boston

Mahoney, D. Gerontological Society of America 64th Annual Scientific Meeting 11/18-22. 2011, Boston MA. Symposium Organizer, Session Chair, and paper presenter:

Promoting Older Adults' Well-being Across Care Settings Through Nurse Led Research 11/21/11
(MGH Institute of Health Professions symposium – Lopez, Rosenbloom-Brunton, Roberge, Henderson.)

Paper: Promoting Residents Well-being in Independent Living Residences
and

Health Care Delivery: Emerging Issues, Innovations, and Program Evaluation. 11/22/11.

Paper: An evidence based adoption of technology Model for Remote Monitoring of Elders' Daily Activities.

Mahoney, D. Context Aware Computing with Motivational Counseling to Enable Dressing: Intentions. 7th Annual International ETAC Conference US and Canadian Alzheimer's Association, Toronto, Canada. Sept 8-10th 2011.

Mahoney, D. Opening Unconference Unpanel on Wearable Technologies and eHealth. First IEEE / EMBS national conference on Wearable and Ubiquitous Technologies for Health and Wellness, Boston, MA. August 30, 2011.

Mahoney, D. Managing your first clinical intervention trial. NIH/ NIA Summer Institute on aging Research. Aspen/Wye Md. July 11-12, 2011.

Mahoney, D. The multifaceted role of the GNP. Poster presentation. International Council of Nursing (ICN) Annual Conference May 2-8, 2011 Malta

Mahoney, D. An Adoption of Technology Model for Home Monitoring of Older Adults. Mass General Hospital Nursing Research Poster Presentation May 2011.

Mahoney, D. Prescribing Practices in Long-term care: Invisible Influences. Marquette University Law School, 2011 Elder's Advisor Conference Drugs and Money in Long-term Care March 25, 2011, Milwaukee, WI.

Mahoney, D. American Academy of Nursing Annual Conference. Technology Pre-Conference Workshop. Speaker: Nurse led experiential training aiding robotic design & engineering. 11/11/10 Washington, D.C.

Mahoney, D., Lopez R, Kelly, N., Henderson, M.J. Exploring Geriatric Health Care Transitions: Nursing Implications. Role: Symposium coordinator, Gerontological Society of America Scientific Conference, 11/20/10 New Orleans
Mahoney Paper presentation: Prescribing Transition Points: Gerontological Nurse Practitioners' Perspectives

Mahoney, D. Mohr Research Bytes IHP lunchtime 2010 fall series. Oct: Preparing for the PI role in a NIH grant; Nov: Key elements for the Faculty intramural grant; Dec: NIH and foundation Peer Review – process and common feedback.

Mahoney, D. Clinical Research: TLC Telephone System for Alzheimer's Family Caregivers and Nursesense – Lessons Learned. National Institutes of Health, National Institute on Aging, Nursing Mentorship Program for the Summer Institute on Aging Research participants 7/9-10/2010. Aspen Wye River Conference Center, Queenstown, MD

Mahoney, D., Mahoney, E., Osegahle, J., Matthews, J., & Hu, J. From Nursing simulation to the engineering Lab: Experiential Training Aiding Robotic Design. International Society of Gerontechnology, 7th World Conference, Vancouver BC, May 29, 2010.

Mahoney, D., Mahoney, E., Osegahle, J., Matthews, J., & Hu, J. From Nursing simulation to the engineering Lab: Experiential Training Aiding Robotic Design. MGH Nursing Research Expo Poster Presentation May 5, 2010.

Mahoney, D. Strategies for research, academic, & policy career development. PhD Colloquium panel, Heller Graduate School, Brandeis U, Waltham, MA 2/24/10

Mahoney, D. Writing (or Revising) Faculty Fellowship Grant applications. MGH-IHP Faculty Research and Scholarship Faculty presentation. 11/30/2009

Mahoney, D. Tailoring remote monitoring technologies to Older Adults' needs Gerontological Society of America, Nov 16-23, Atlanta GA 2009

Mahoney, D. Nursense : Remote wireless geriatric monitoring. American Academy Meeting Nov 5-7th, Atlanta , Ga 2009

Spaulding Hospital and Chronic Care Network Day workshop on Initiating Nursing Research 10/30/09

Mahoney, D. Clinical Research: TLC Telephone System for Alzheimer's Family Caregivers and Nursense – Lessons Learned National Institutes of Health National Institute on Aging, Harford Geriatric Nursing Initiative Trials and Interventions Pre-Conference Workshop 7/10-11/2009. Aspen Wye River Conference Center, Queenstown, MD.

Mahoney, D. Technology Time: Telemedicine, Telehealth, Telecare, and Falls. Massachusetts Senior Care Association's second annual Falls Prevention Symposium. 5/19/09, Worcester, MA.

Mahoney, D. & E. Mahoney Residents with Dementia in Independent Living Facilities. Map thru the Maze Conference, MA/NH Chapter of the Alzheimer's Association, 5/13/09 Marlboro MA

Mahoney, D. & E. Mahoney Automated Technology for Remote Elder Monitoring. American Telemedicine Association (ATA) Annual International Meeting, 4/26-28, 2009, Las Vegas, Nevada.

Ladd, E., Mahoney, D. & Emani S. PERx: A National Survey of NP Prescriber Beliefs and Behaviors. 35th Annual Meeting, National Organization of Nurse Practitioner Faculty (NONPF) 4/17/2009, Portland, Oregon

Mahoney, D. & E. Mahoney Sensors for Research in Senior Housing. Symposium on Non-invasive monitoring of elders at home for research applications. Gerontological Society of America Scientific Conference, 11/21-25, 2008 Maryland.

Mahoney, D. & E. Mahoney CIMIT Innovation Congress 2008 Forging Partnerships in Healthcare 10/28-29,2008 Exploratorium demonstration *Remote Activity Monitoring of AT-Risk Elders*.

Mahoney, D. 2008 Connected HealthCare; Keynote. St Anselm's College Nursing Leadership Conference 10/9-10,2008 Kennebunkport, Maine

Mahoney, D. & E. Mahoney 2008 National Home and Community Based Services Conference 9/28-10-/1 2008, Boston.

- Gaining an Understanding of Memory Impaired Residents Residing in Independent Living,
- Tailoring Sensor Technology to Memory Impaired Residents in Independent Living Facilities

Mahoney, D. & E. Mahoney. Gaining an Understanding of Memory Impaired Residents Residing in Independent Living Facilities. 2008. International Conference on Alzheimer's Disease ICAD 7/26-30 2008 Chicago, Il.

Mahoney, D. & E. Mahoney. Aging-in-Place with "AT EASE" – Automated Technology for Elder Assessment, Safety, and Environmental monitoring. International Society for Gerontechnology meeting, Pisa Italy 6/3-6/7 2008

Mahoney, D. & E. Mahoney. Tailoring Sensor Technology to Memory Impaired Residents in Independent Living Facilities 2008 Map Through the Maze Interdisciplinary Conference for Professionals, Alzheimer's Association MA/NH Chapter 6/14/08.

Mahoney, D. , Schulz, R. & S. Belle. End-of-Life Care and the effects of bereavement on family caregivers of persons with dementia. MGH Nursing Research Day & published abstracts, p 16, 5/7/08

Mahoney, D., Tarlow, B, E. Mahoney, & K. Goc. Gaining an understanding of memory impaired residents residing in independent living facilities. MGH Nursing Research Day & published abstracts, p 20, 5/7/08

Mahoney, D. & M. Cantor. New Technologies to Support Caregiving for Older People Mass General Hospital's Elder Care Forum. 2/12/08.

Center for Integration of Medicine and Innovative Technology (CIMIT) / Hebrew SeniorLife's Center Communities of Brookline Retreat - Monitoring Technology for Population-Based Studies of Aging. Findings from the implementation of AT EASE at CCB and implications for future research. 1/21/08

Keynote – 13th annual Gerontological Nursing Conference, Kennebunkport, Me. 9/21/07 Connected Healthcare: A New Age for Old Age.

Festival of International Conferences on Caregiving, Disability, Aging, and Technology (FICCDAT) 6/16-19/07 Toronto, Ontario, Canada. At EASE: Sensors in Senior Housing

MGH Nursing Research Day 5/8/07 and Nursing Research Fair 5/9/07 Tailoring Environmental Sensors to Remotely Monitor At-risk Elders in Independent Living Facilities

IHP research day poster presentation : Cross cultural similarities and differences in family caregivers' impressions of the onset and diagnosis of Alzheimer's Disease 5/3/07

UMASS Boston Doctoral Colloquium March. Concerns in Independent living facilities – Focus group findings and analysis. March 26, 2007

American Society on Aging –National Coalition on Aging Joint March 2007 conference, Chicago. African-American, Chinese, and Latino family caregivers' similarities and differences in their impressions of the onset and diagnosis of dementia. Poster session.

MGH Scientific Advisory Committee SAC Poster Session 2/14/07

Twentieth Annual ADRC Scientific Poster Symposium. . Cross cultural similarities and differences in family caregivers' impressions of the onset and diagnosis of Alzheimer's Disease , MGH, 1/10/07

Alzheimer's Association ETAC grantees conference Findings from Year 2 of the AT EASE project. 10/27/06 Chicago.

Partners' Telemedicine 3rd Annual Symposium. Panelist on Home Monitoring Technologies and Home Care sessions. 9/18-19/07.

MGH Nursing Research Council Journal Club Authors' Presentation. Cross cultural similarities and differences in family caregivers' impressions of the onset and diagnosis of Alzheimer's Disease as published in the Gerontologist Sept 13,2006

Corporate Support of Working Caregivers Thru Remote Home Monitoring. The 3rd Annual HealthCare Unbound Conference on the Convergence of Consumer & Healthcare Technologies, July 17-18, 2006 Cambridge, MA, sponsored by the Center for Business Innovation of CA.

Workplace response to virtual caregiver support and remote home monitoring of elders: The WIN project. Consumer-centered, computer-supported Care for Healthy People. The 9th International Congress on Nursing Informatics. June 9-14, 2006COEX, Seoul, Korea.

Cross cultural similarities and differences in family caregivers' impressions of the onset and diagnosis of Alzheimer's Disease. MGH nursing research day. Poster presentation. May 10, 2006.

Creating Connected Healthcare: Innovative Technologies in Practice & Research. Keynote, University of Arkansas Medical Sciences, College of Nursing Research Day 4/21/06

Tailoring Structured Interventions: An Evolving Program of Research. Keynote University of Arkansas Medical Sciences, NIH/NINR Tailored Biobehavioral Interventions Research Center Biennial Retreat. Kathy Richards, PI. 4/19/06

The Human Touch of Robots: How Technology is Changing the Face of Healthcare. MGH Institute of Health Professions Alumni Association Program. Mar 28, 2006. Linking Employed Family Caregivers to Home Through Remote Sensor Technology – The WIN project

Exploring Issues of Concern for Senior Housing Residents: Phase 1 findings of the AT EASE Project. Mar 3, 2006 MGH Institute of Health Professions President's Research Breakfast.

Mahoney, D. 58th Annual Scientific Meeting Gerontological Society of America, Orlando. Nov 19-23, 2005. Technology and Aging Interest Group Session, M. Parker Chair. Grantsmanship for Technology and Aging Research .

Sensors for Seniors with AD: Tailoring Technologies. Everyday Technologies for Alzheimer's Care (ETAC) symposium, Alzheimer's Association, Intel, & Agilent Technologies, Hillsboro OR, Oct 17, 2005.

BabyBoomers balancing work and parental well-being through technology: An Emerging Private Pay Market. MA Medical Device Development Group, Wellesley, MA. Sept 7, 2005 Keeping Patients at Home: Advances in Telemonitoring.

Wireless Remote Elder Home Monitoring linked to the Workplace: The First in the USA. International Association of Homes and Services for Aged (IAHSA), Sixth International Conference. Enhancing Communications through Advanced Technology symposium, Trondheim, Norway June 27-29, 2005.

BabyBoomers balancing work and elder caregiving through technology. Expert panel presentation. HealthCare Unbound July 11-12th, 2005, Boston, MA.

Age Wave Meets the Tech Wave: A Rising Tide of Home Health Opportunities, Keynote Presentation, HomeHealth Care Association of MA Inc, May 11-13, 2005 Annual Conference.

Exploring issues of memory loss in senior housing: Resident concerns. Map through the Maze, 2005 Alzheimer's Association MA Conference, May 5, Marlboro. B. Tarlow & D Mahoney, Poster presentation.

Mahoney, D. 57th Annual Scientific Meeting Gerontological Society of America, Washington, D.C. Nov 20-23, 2004.

- Technology symposium, M. Parker Chair. Mahoney's paper: Promoting Healthy Aging Through Remote Elder Home Sensor Monitoring Integrated with Internet Support for Working Caregivers.
- Nursing Interest Group Symposium: Promoting Healthy Aging: Prescriptions from Nursing. Mahoney, Chair. V. Burggraf, S. Pomeroy, L Kelley, J Hertz, K. Hepburn, E. Amella

Linking Working Family Caregivers to Home Through Remote Sensor Technology: The Worker Interactive Networking (WIN) Project. Nov 9, 2004, Mass General Hospital's Institute of Health Professions.

Nursing Insights From the Resources for Enhancing Alzheimer's Caregiver health (REACH) Project. National Gerontological Nursing Association Annual Meeting, Oct 15-17, Las Vegas, Nevada.

American Association of Retired People (AARP) Aging by Design Conference,. Older Adults and Technology – Technology to assist family caregivers. Bently College, MA., Sept 27-8, 2004

Mind wellness: Learning new tips for remembering. Center Communities Community Education Program, Brookline Ma Sept 28, 2004.

Formative Evaluation of Nursense: Internet Workplace Support and Remote Elder Activity Monitoring. Research Paper, Sigma Theta Tau International Nursing Research Congress July 21-25, 2004, Dublin , Ireland.

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Everyday Technologies for Aging Services Workshop panelist, Sponsored by Intel and the U.S. Alzheimer's Association at the 9th International Conference on Alzheimer's Disease, Philadelphia, July 17, 2004.

Healthcare Unbound – National Conference on Technology and Aging Boston, July 8-9, 2004, Expert panel participant

Mahoney, D. Bridging the Workplace Caregiving Divide: Formative evaluation of The WIN project (Worker Interactive Networking), April 6, 2004, Boston University School of Public Health.

Mahoney, D. 56th Annual Scientific Meeting Gerontological Society of America, San Diego, Nov 22-25, 2003.

- REACH Symposium- Overview and Site-Specific Outcomes Burgio, Mahoney, Burns, Czaja, Gallagher-Thompson, Gitlin, & Haley.
- REACH symposium – Effect of the REACH interventions on Caregiver Burden and Depression, Gitlin, Belle, Burgio, Czaja, Mahoney, Gallagher-Thompson, Burns, Hauck, Zhang, Schulz, Ory.
- Dementia Caregivers use of Psychotropic Drugs Burns, Nichols, Martindale-Adams Lummus, Graney, Czaja, Mahoney, Belle.
- Mahoney – A Randomized Study of an IVR Mediated Telephone Support System for Family Caregivers: Outcomes from the REACH for TLC project.
- Mahoney – Nursing Care of Older Adults Interest Group Symposium; Nursing in an Aging Society, Chair and discussant
- Mahoney – Technology and Aging Symposium, Chair and Discussant
- Tarlow & Mahoney Reducing Ethnic Disparities in Health Education Through Technology

Mahoney, D. Spry National Conference: Technology and Aging, NIH, Oct 1-3, 2003 Workshop presentation + Discussant

HRCA 11th Annual Symposium on Geriatric Research and Health Care Policy, JFK Library, Boston. Featured speaker on technology interventions for older adults. Oct 23, 2003

Mahoney, D. Healthcare without Boundaries. N.E. Mass ECommerce Panel, Boston, Mar, 27, 2003

Mahoney, D. 55th Annual Scientific Meeting Gerontological Society of America, Boston, Nov 22-26, 2002.

- Pre Conference Workshop- Bridging the gaps in elder care through technology. Mahoney, Developing Technology Interventions for Family Caregiving.
- Paper -Effectiveness of Gerontechnology on Users' Knowledge of Alzheimer's Disease
- Symposium - From aging cells to Aging Societies: The Hub of Nursing Research
- Poster: Neary, Cloutterbuck, Zhan & Mahoney. Toward understanding of dementia caregiving in African American, Latino, and Chinese families.
- Paper: Tarlow, B. & Mahoney, Understanding what factors facilitate and impede Alzheimer's Disease Caregiver Research Participation

Mahoney, D. Using Multi-media Technology to increase older adults knowledge of AD. Gerontechnology 2002 Conference: Creative use of technology for better aging. Miami Beach, Nov 8-12, 2002.

Russell, G., Mahoney, D., Tarlow, B. Forgetfulness: What's normal, what's not – Knowledge test development and Psychometrics. Eastern Nursing Research Conference, 2002. abstract <http://hdl.handle.net/10755/163456>

Mahoney, D. Using Interactive Voice Response (IVR) technology to help AD family caregivers; Wisconsin AD Association, Aug 28, 2002.

Mahoney, D. 54th Annual Scientific Meeting, Gerontological Society of America, Chicago Nov 15-18, 2001

- Understanding Racial/ethnic variations in family's response to dementia. Symposium coordinator/paper
- Evolution of the concept of Vigilance from an Internet Based Alzheimer's family caregiver's group, paper
- Technology Interest Group symposium: Caregiver's Odyssey: Exploring the use of IVR technology; paper
- Presidential Session – Nursing Symposium; Exploring Science, Society and Spirituality –co-coordinator

Mahoney, D. Older Adults, Health Information, and the World Wide Web. National SPRY conference, 2/26-28, 01, NIH. Natcher Center. An analysis of an Internet Based Support Group for Alzheimer's family caregivers. Invited .

Mahoney, D., Science for Seniors, Museum Of Science Boston, Sept 5, 2001 Current Understanding of Memory and Aging.

Mahoney D, Tarlow, B. 10th National Alzheimer's Disease Education Conference, Chicago. Testing the effects of using

- CD-ROM Technology to help viewers differentiate between normal forgetfulness and more serious memory loss in their family members. July 15-18, 2001.
- Mahoney, D. Annual symposium, Massachusetts Gerontology Association, Featured presentation on Technology monitoring and use in home care. April 2001.
- Mahoney, D. 53rd Annual Scientific Meeting, Gerontological Society of America, Washington, DC, Nov 17-21, 2000.
- Innovative Methodologies from the REACH project, Lessons learned, tasks ahead. Symposium organizer. P351
 - Mezey, M., Mahoney, D. & Zurakowski. Utilization of Nursing Research: Creating Monumental improvements in practice. 272
 - Tarlow B. & Mahoney, D. Recruitment Challenges: Cost-effective strategies. P382
- Mahoney, D. Using technology as a case finder for Alzheimer's disease and to provide solutions for dementia care problems. Workshop Coordinator and presenter. American Society on Aging. March 28, 2000, San Diego.
- Mahoney, D. New Jersey Statewide Conference on Alzheimer's Disease, 4/12/200, Princeton, N.J. Session keynote: Using technology to help Alzheimer caregivers.
- Mahoney, D. Japanese 2000 Summer Institute on Dementia Specialist Training, Harvard Medical School, Division on Aging, S. Levkoff, Director. Lecturer: Using Technology to Help Alzheimer's Caregivers. July 31, 2000.
- Mahoney, D. Future Research Trends/Opportunities in Aging. Using a website for Qualitative Research: Feasible or Foolish? and Forgetfulness, What's normal and what's not- RECALL CD-ROM demo. Harvard Medical School, 9/20/2000.
- Mahoney, D. Gerontological Society of America, Nov.19-23, 1999, San Francisco.
- Issues related to the use of a website for qualitative Research.: Gerontological Society of America, (Technology and Aging, Special Interest Group Sponsorship).
 - Mahoney, D. and Tarlow, B. Verifying technology training in the Reach for TLC project. (Technology and Aging, Special Interest Group Sponsorship).
 - Tennstedt, S. and Mahoney, D. Ethnic Differences in Social Support for Alzheimer's Disease Caregivers. Part of the REACH Symposium
 - Mezey, M., Mahoney, D. and Zurakowski, T. Geriatric Nursing Research Symposium, Sponsored by the Nursing Special Interest Group. Nurses the Bedrock of Quality.
- Mahoney, D. Roundtable (J. Callahan, W. Leutz, P. Mutschler) Aging and Disabilities: Caregiving and the Working Poor. Heller Graduate School, Brandeis University, 40th Anniversary Conference, Nov 12-14, 1999.
- Mahoney, D. Using the Internet to conduct Research: Feasible or Foolish? American Medical Informatics Association, Nov 8, 1999, Washington DC
- Mahoney, D. Using technology to help Alzheimer's caregivers. Alzheimer Association of Eastern Mass. Map Through the Maze, Interdisciplinary Conference for Professionals. May 12, 1999.
- Tarlow, B. and Mahoney, D. The high cost of recruitment. Poster session, Alzheimer Association of Eastern Mass. Map through the Maze, Interdisciplinary Conference for Professionals. May 12, 1999.
- Mahoney, D. A content analysis of website discussions by Alzheimer's family caregivers. American Society on Aging 45th Annual Meeting, Orlando, March 3-7, 1999.
- Mahoney, D. Japanese 1999 Summer Institute on Dementia Specialist Training, Harvard Medical School, Division on Aging, S. Levkoff, Director. Lecturer: Using Technology to Help Alzheimer's Caregivers. July 8, 1999.
- Mahoney, D. . Gerontological Society of America 51st Annual Scientific Meeting. Philadelphia, Nov 20-24, 1998.
- Using a website for qualitative gerontological research: Issues and recommendations
 - Mahoney, D., Mezey, M. and Zurakowski, T. Nursing special Interest Group Symposium: In Pursuit of Life, Liberty and Happiness for Older Adults: Challenges and Opportunities for Nursing.
 - Mahoney, D. and Tarlow, B. Computer-mediated intervention for Alzheimer's caregivers, REACH for TLC (Telephone Linked Care).
 - Harrow, B., Mahoney, D., Czaja, S., & Eisdorfer, C. A plan for cost-effective analysis of interventions designed to enhance family caregiving for Alzheimer's disease. Gerontological Society of America 51st Annual Scientific Meeting. Philadelphia, Nov 20-24, 1998.
 - Tarlow, B. and Mahoney, D. Poster Session: Identifying Cost Effective Recruitment Strategies for Research Participation by Alzheimer's Disease Caregivers,

- Mahoney, D. A computer-mediated intervention for Alzheimer's caregivers. Workshop: Supporting the Efforts of Alzheimer's Caregivers Through Technology: A Description of Three Technology-based Interventions of the REACH Project. L. Gitlin, S. Czaja & D. Mahoney. American Society on Aging. Conference on June 30, 1998.
- 1998 Western MA Alzheimer's Association Annual Conference. Nov 4th Tailoring technology to Alzheimer's caregiving.
- 1998 HRCA 6th Annual Symposium on Geriatric Research and Health Care Policy. Rays of Hope, Medical, Technological and Behavioral Approaches to Alzheimer's Care. Oct 2. -. Technological Tools for Alzheimer's Caregivers.
- 1998 American Society on Aging Annual Meeting – Use of technology interventions for Alzheimer's caregivers., March, San Francisco.
- 1998 Orchard Cove Retirement Community –Canton, MA. Secrets of Successful Aging , 6/6.
- 1997 American Geriatrics Society/ AFAR Annual meeting REACH collaborative - Innovative approaches to caregiving interventions
- 1997 GSA presentations - NIH REACH Collaborative Symposium. REACH for TLC - Implementation challenges and opportunities.
- 1997 Sigma Theta Tau Biennial Convention From ideal to real - grant funding. GlaxoWellcome symposium moderator.
- 1997 Nurse Practitioners Association for Continuing Education (NPACE) - New Models of Geriatric Care (Keynote: March 15, and moderator for subsequent session discussion), Boston MA.
- 1997 University of Massachusetts at Lowell, Graduate NP programs: N.Ps, Research, and Prescriptive Authority
- 1996 Boston Medical Center Internal Medicine Section Presentation - Responding to Alzheimer's Disease in Primary Care
- 1996 GSA presentations - NIH REACH Collaborative Symposium. REACH for TLC (Telephone Linked Computer): Can Technology Help Alzheimer's Caregivers Handle Disruptive Behaviors? and UMASS Boston Gerontology Institute Symposium: Resident Nursing Care Study: Endeavor to Validate Use of Health Outcome Measurements for Nursing Homes
- 1996 Boston VA at Court Street Clinic Medical Staff Presentation - Changing Role of the Nurse Practitioner
- 1995 MASS Nurses Association Gerontological Nursing Conference, keynote: Transforming geriatric practice issues into research.
- 1994 MASS Nurses Association Convention, Keynote panel. Nursing in an era of change-keeping up with the new times.
- 1994 Harvard Community Health Plan, Kenmore Staff education program. Research on NP prescribing.
- 1994 Harvard Nursing Research Institute 1994 Lecture Series. Prescribing Appropriateness of nurse practitioners
- 1993 Gerontological Society of America, 46th Annual Scientific Meeting, New Orleans. Lessons learned from a survey of restraint-free nursing homes.
- 1993 Veterans Administration Geriatric Research Center/ BCSON Nursing Research Conference. Hearing impairment among nursing home residents: research outcomes
- 1993 National Association of Gerontological Nurses and the Nurse Practitioners' Association for Continuing Education annual geriatric conference, keynote address: Developing and Marketing successful health care programs to older adults. 4/17/93
- 1993 Agency for Health Care Policy Third National Conference on Primary Health Care, Atlanta Ga. A Comparison of Physicians and NPs treatment decisions.
- 1993 Boston College School of Nursing Rubenstein Memorial lecture "Hearing impairment among nursing home residents: Implications for clinical practice"
- 1993 Welch Management Co. Managing geriatric sleep disorders in the nursing home.
- 1992 National Conference on Gerontological Nursing Education, Norfolk VA. Focus Group leader for Graduate Nursing Programs
- 1992 Cape Cod Community College, Nursing conference. Polypharmacy among the elderly: nursing implications
- 1992 Action for healthy aging among older women. The Women's Care Group, St Camillus Parish, Arlington, MA
- 1991 Gerontological Society of America, 44th Annual Scientific Meeting, San Francisco "Hearing Impairment in Nursing Home Residents: Perceptions and Realities" and "Developing Health Programs for Older Adults: Implications for Program Planning and Marketing"
- 1991 The Challenge of Long-term care: Nursing perspective. Health Care policy forum, M. Dukakis moderator, Department of Political Science, Northeastern University series on: Insuring American Health for the Year 2000.
- 1991 A Curriculum Revolution: Strategies for Integrating Gerontology into Nursing Programs (Pre-Conference Workshop), and a research paper: Content Analysis of Students' Case Studies as a Gerontological Teaching Strategy. Association for Gerontology in Higher Education (AGHE) Seventh Annual Meeting Pittsburgh, Penn.
- 1991 "Secrets of successful Aging" EGG Corporation, Wellesley Ma.

1990 Successful Aging Program - interviewed twice by Dr. Terri Brower about hearing and caregiving research. Broadcasted by Auburn-Opelika radio station WTXN, Alabama, with national syndication.

1990 Gerontological Society of America, 43 Annual Scientific Meeting, Boston. "Family Caregiver Training: A Nursing Model" Symposium with K. Pillemer, Cornell University and R. Shippee-Rice, University of New Hampshire

1990 "Challenges in Nursing Practice for the 90's: Caring for an Aging Population" Keynote address and theme for a day-long conference. An Educational Consortium Offering sponsored by Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary

1990 Mass Nurses Association Nurse Practitioner Council Spring Program "Findings from a national survey on the prescribing practices of physicians and NPs"

1990 JML Care Center, Falmouth, MA. First Annual Gerontological Nursing Lecture "The Challenges of gerontological nursing: Assessment and Management of Sleep disorders in nursing home residents"

1989 Gerontology Society of America 42nd annual meeting, Minneapolis Minn. "The appropriateness of geriatric prescribing decisions made by nurse practitioners"

1989 U.S. Department of Veterans Affairs, Health Services Research and Development Service 5th Annual Meeting, Chicago IL, "The Effect of Legalized prescriptive Authority on the Prescribing Practices of Nurse Practitioners"

1989 U of Lowell, Sigma Theta Tau induction ceremony, keynote address: "Nurses as agents for changing health policy"

1988 Teaching Family Caregiving A Workshop for Nurses and Social Workers, University of New Hampshire

1988 Geriatric Research and Clinical Practice Conference, University of Florida : "Teaching Family Caregivers to Care"

1987 University of Massachusetts, Amherst Division on Nursing; Geriatric Conference, "Response to Societal Change: Gerontological Nursing"

1986 Gerontological Society of America Chicago, Ill. "The Effects of a Centralized Broker on Marketing HMOs' to the Elderly"

1985 Nurse Practitioner Associates for Continuing Ed (NPACE), keynote address "The Unique Responses of the Elderly Patient"

1985 American Academy of Nursing Second Faculty Practice Symposium Phoenix, Arizona. "Faculty Practice Amid Constraints"

1984 Gerontological Society of America San Antonio, Texas "Nurses as Women Treating Older Aging Women: Roles and Outcomes"

1984 Second Biennial Conference on Nurse Managed Centers, Milwaukee, WI. "An Innovative Design: A Hospital Sponsored, Nurse Managed Center"

1984 Coalition of Nurses Practicing in the Expanded Role "Issues Affecting Nurse Practitioner Practice"

1983 Gerontological Society of America, San Francisco "Development of an Innovative Health Educational Program for the Well Elderly"

1983 Connecticut Association of Rehabilitative Nurses keynote speaker "Gerontological Nursing, A Process for Wellness"

1983 L.I.F.E. Nursing Home Annual Conference, Boston Workshop leader 1982 Massachusetts Hospital Association, Annual Conference "Hospitals : New Horizons in Elderly Care"

1982 New England Hospital Assembly Fall Instructional Conference "Breaking Tradition: The Community Hospitals' Role in the Care of the Ambulatory Elderly"

GRANT REVIEWER/ CONSULTANT

International

2020-4/17 Toronto Rehabilitation Institute, U of Toronto, Canada. Conducted comprehensive retrospective evaluation of their National Program for Advancement of Geriatric, Biomedical & Engineering Technologies and Innovations 5-year Project. Assessed Directorship, attainment of objectives and wrote recommendation report.

2018 Research Grants Council of Hong Kong, China. Research Grant reviewer

2016 CIMIT CoLab review for Singapore's Agency for Science, Technology and Research (A*STAR) in connection with their Biomedical Engineering Programme (BEP) grant call. 4/2016

2014-5 Germany, UK: European Alzheimer's Associations' Research Grants

Netherlands Memorabel Deltaplan for Dementia

Italy Italian NIH Science on Aging

European Consortium ICT based solutions demonstrating best practices, CARICT

UK Longitude Prize Research Team for Science Practice

Domestic

2022 - Gerontechnology Advisor - MIT, Harry Asada PhD/ Harvard Medical School, Paulo Bonato PhD/ MGH-IHP
 National Science Foundation Engineering Research Center Grant Proposal on *Connected Elder Care and Engineering / Caregivers' Workforce Development* (funded)

2021 – to date. National Academy of Medicine: Subject Expert for grant reviews in: Gerontology, Geriatrics, Gerontological Nursing, Technology and Aging, Health promotion, and Supporting Functional Independence

2019- 2020 NIH1 R41 AG062082-01 *Dressing Assistant: Home Technology to sustain independent dressing in dementia* W. Burleson, PhD, Arizona State U, PI (funded)

2019 I-Corps at NIH, Business Development Planning for SBIR awardees

2017- *Memory Well*, Jay Newton-Small Founder and CEO, Personalizes nursing home residents through stories

2017- Massachusetts Executive Office of Elder Affairs; Technology in Assisted Living Grant

2017 - P Dykes, PhD, RN Brigham & Women's Hospital, *Patient Safety, Fall Prevention in Nursing Homes*

2017 – D. Peak, SBIR *gait and balance geriatric technology*

2015 NIH/ NIA K award, *End of Life Counseling in the Emergency Room*, Kei, MD, Brigham & Woman's Hospital

2014 NIH/NIA R21 *Developing culturally sensitive services for Hispanic caregivers*, L Benuto PI, U of Nevada, Reno.

2014 *Myndr* – Aaron Boxer, PhD, Olans College Engineering; NIA SBIR

2014-2019 NIH/NIA K07 Center of Excellence for Delirium in Aging: Research, Training, and Educational Enhancement (*CEDARTREE*) Hebrew Senior Life, Sharon Inouye MD PI. Objectives: To increase professionals' awareness of delirium, prevention, and treatment modalities; to foster research addressing delirium related issues
 Role: Advisory Board/Steering Committee member, Co-Chair NIH Project Self-Evaluation, conducted 5 yr program evaluation.

2016 NIH ZRG1 HDM Y 57R, PAR Panel: Health Disparities and Caregiving for Alzheimer's Disease 6/24/2016

2012 -14 U.S. Alzheimer's Association grant reviewer; reviewer NIH panel on caregiving

2012 NIH National Institute on Aging Invited Faculty, Summer Institute on Aging Research; Student grant reviews, Plenary Talk: *Managing your first clinical intervention trial*

2011- NIH CSR Community Level Health Promotion (CLHP) Study Section, Health care Delivery and Methodologies (HDM) Review Panel 1 R6, Sept 26,27th, 2011

2011 – K07 Sharon Inouye MD, PI Harvard Delirium Center Role: Advisory Board

2011 NIH National Institute on Aging Invited Faculty, Summer Institute on Aging Research; Student grant reviews, Talk: *Managing your first clinical intervention trial* Panel: grant reviews 2009 – Special Emphasis Panel SEP Reviewer, for NIH Challenge Grants R15's Dec ZRG1 HDM-F (52) B RC1s July: ZR G1 HDM-P (58) R/ ZR G1 HDM-B (11) R / ZR G1 HDM-G (58) R

2009-10 Partners Connected Health Care / Blue Highway monitoring project 10/23-27/09 –10/27/10

2009 National Institute on Aging Invited Faculty, Summer Institute on Aging Research, Nursing Pre-workshop

2008-2010 Center for Integration of Medicine and Innovative Technology (CIMIT) Working Group on Advanced Approaches to Physiologic Monitoring for the Aged; L. Lipsitz PI

2007 – present NIH SBIR Grant Reviewer, Panel member, Health of the Population SBIR Study Section

2007 Rosalyn Carter Institute on Caregiving National quality care Network consultation on the dissemination of evidence based interventions in caregiving.

2006-2008 NIH/NIA *Caregiver based intervention for persistent delirium* R21 E.Marcantonio MD, PI, BIDMC (funded)

2006 -2008 Attorney General's Consumer & Prescriber Grant Program. *There's no such thing as a free lunch or dinner- The impact of Pharmaceutical marketing on Advance Practice Nurse Prescribers.* E. Ladd PI

2007-8 RoNA Robotic Nurse Assistant H-star Technologies John Hu PI, US Dept of Defense Phase 1 SBIR Oct 2007-April 2008 (funded)

2006 University of Arkansas Medical Sciences, NIH/NINR Tailored Biobehavioral Interventions Research Center, Kathy Richards, PI. Advisory Board and Visiting Scholar

2005 Siemens Medical Group (American/European) on future geriatric market technology prospectives

2004 Institute for Nursing Healthcare Leadership, Boston, Joyce Clifford, Exec. Director

2003- University of Arkansas, *Tailored Biobehavioral Interventions Research Center Grant*

2002 -3 Health Systems Technology, Madison, WI, SBIR to develop a *Statewide IVR Alzheimer's support system(funded)*

2002 NIH, NINR Special Emphasis Panel (SEP) for Caregiving Initiative

2002 James Mundt Ph.D., Wisconsin, NIA SBIR Grant for Statewide Alzheimer's telecommunications project. (funded)

New England Research Institutes SBIR, to critique on-line medical education program,

1996 to 2006. Foundation Grant reviewer, Alzheimer's Disease & Related Disorders Association. Chicago.
 1998,1999, 2003. Federal Grant reviewer, US Department of Commerce National Telecommunications and Information Administration, Technology Opportunity Program (TOP).
 1998, University of Mass/Boston, College of Nursing, Geriatric program development
 1997 NIH, NIA, SBIR Expert Panel - Developing a tool for measuring Patient Physician Communication
 1997 NIH, AHCPR, Small grant special reviewer
 1994-6 Gerontology Institute, UMASS/Boston. Quality measures in Nursing Home Care. AHCPRR01
 1994-5 AHCPR SBIR grant consultant, HealthWood Assoc. *Development of home breast self- exam video and Breast Health Kits for older African American and Caucasian women* Robin Wood,PI (funded)

Research Participant:

2025 Content expert focus group participant for *Voices of Experience: Demystifying Academic Publication for Nurses*, K.Kieran and R.Salguero PIs
 2021, Sept 14. Subject matter expert for minority research recruitment. National Science Foundation sponsored qualitative study of *PI's successful in recruiting minorities into NIH funded research studies*.
 2021 Named and participated as a Domain expert in: Berridge, C., Demiris, G., & Kaye, J. (2021) *Domain Experts on Dementia-Care Technologies: Mitigating Risk in Design and Implementation*. *Science & Engineering Ethics* 27 (14).
 2021 - Apple *Heartline Study*
 2000 –2001 Phase 2 randomized clinical drug trial on post-menopausal symptoms.
 2019 – to date *ALL of Us*. NIH longitudinal population health study
 2019 Delphi survey of Experts in Aging , C Berridge PI, U of Washington, Seattle; IHI Age Friendly Initiative
 1989- to date *Nurses' Health Study II* longitudinal cohort observational study of 116,671 nurses' health and well-being
 1989 – to date *NSF/NIH Survey of Doctorate Recipients* (SDR study) Longitudinal career study of science, engineering, and health doctorate holders from U.S. academic institutions, including retirement.

Core Annual Continuing Education

- Informatics – Annual American Telemedicine Association or International Society of Gerontechnology meeting
 - Medical Device Development Course, Harvard Catalyst, 14.25 AMA PRA Category 1 Credits, Harvard Medical School April 23-24, 2013.
 - Medical Device Development Program, Harvard Catalyst. Enabling Healthy Aging with Advanced Technologies: Exploring Trends and Innovations Developed for the Aging Population June 6, 2019
- Gerontological nursing CEUs – Annual Meeting of the Gerontological Society of America Association
- Design for Aging – Furniture Considerations Boston Society of Architects, January 2021

Nursing Registration

Registered Nurse, Commonwealth of Massachusetts, Registration #102360 expires 2/12/28
 MA sexual violence provider mandatory education program, Dec 2019.
 ANCC Board Certified Adult Nurse Practitioner 1980- March 31, 2016.
 Retired certification designation ANP-ret 2016

Research **Human Subject Certification and Continuing Education** through CITI (Collaborative Institutional Training Initiative) - Massachusetts General Hospital / MGH ID347

9/30/22-9/29/25 CITI Record ID 50759038 Human Research /Biomedical Research Investigators and Key Personnel/ Stage 3- full Refresher Course plus MGH clinical trial billing I & II 15 modules [13 CEUs]

11/19/19–11/18/22 Refresher ID 33749578

2017-2020 CITI Collaborative Institutional Training Initiative for Biomedical Research Investigators – Basic Course plus MGH add-ons; completion 1/11/17 Report ID Ref#21833932

2015, 11/6 Partners Research Education Series for Principal Investigators. Research Misconduct Prevention and Consequences of Misconduct .50 CEUs HealthStream

2015 3/6 MGH IHP Title IX – Sexual Harassment Training

2014-17 CITI Collaborative Institutional Training Initiative Refresher Course for Biomedical Research Investigators 4/07/14 Ref #12685977

2014-18 CITI Collaborative Institutional Training Initiative Conflict of Interest Mini-course; Ref # 12754735

2013 Using Social Media in Clinical Research. MGH Research Education Program 1 CEU 11/13/13

2011 CITI Collaborative Institutional Training Initiative Refresher Course for Biomedical Research Investigators 6/27/11-14 Ref #6213399

2011 MGH CAP Training - PHI policy training / HealthStream 6/27/11

2010 What does the IRB Really Want? How to write a human studies protocol. 9/13/10 1.5 CEUs

2010 – IRB Issues for the Bench and Desk Scientist 9/8/10 1.5 CEU

2009 Beyond HIPAA New Privacy and Security Rules and What Clinical Researchers Need to Do 1 CEU

2009 Clinical Research Subject Renumeration and Materials Management :Navigating the Process 1 CEU

2008-2011. Partner's Health Care System / Collaborative IRB Training Initiative (CITI) Sponsored by the U of Miami. PI Refresher update module completion 9/15/08

2008 Beyond Plain Language / IRB's consent editing process 4/09 1 contact hour CE

2005-2008. Partner's Health Care System / Collaborative IRB Training Initiative (CITI) Sponsored by the U of Miami. Basic Biomedical Research Modules completion 5/19/05

2007, Mar 15. In Depth with the General Clinical Research Center 2.hrs

Partners Center for Innovative Ventures

Issues in New Venture Creation 12/6/05; Policies & Conflicts of Interest 12/6/05

From Research to Market 12/13/05

Pre-Partners Health Care Research training:

2005 Quality Interactions: A Patient-based Approach to Cross-Cultural Care 2.4 hrs. UMDNJ. 10/24/05

2000 NIH office of Human Subjects Research Certification for completion of Protection of Human Research Subjects #9736334420: 11/7/00

1999 **The Role of the IRB in the Conduct of Clinical Research.** Oct 27-28, 1999 Office of Clinical Research, BU Medical Center . – (12hrs)