

**William D. Kearns, Ph.D.**

University of South Florida  
College of Behavioral and Community Sciences  
Department of Rehabilitation and Mental Health Counseling  
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**EDUCATION**

Ph.D., Experimental Psychology	University of South Florida	1989
M.A., Experimental Psychology	University of South Florida	1985
M.A., Experimental Psychology	University of the Pacific (California)	1979
B.A., Psychology	Central College (Iowa)	1976

**ACADEMIC EXPERIENCE**

University of South Florida

Louis de la Parte Florida Mental Health Institute

Department of Rehabilitation and Mental Health Counseling 2011-present

*Research Associate Professor*

Department of Aging and Mental Health 2003-2011

*Research Assistant Professor*

FMHI Office of Information Technology 1992-2003

*Director - Office of Information Technology*

Department of Mental Health Law & Policy 1989-1995

*Assistant in Research (Faculty)*

USF Health

Department of Psychiatry 1981-1987

*Research Technologist IV*

Rollins College 1987-1988

Department of Psychology

*Instructor*

Johns Hopkins School of Medicine 1979-1981

Department of Psychiatry

*Research Technician*

## CONTRACTS & GRANTS

Ubisense, Inc  
*VA Smart Home Assistive Technology Service Project*  
Investigator  
9/14/2012-9/14/2013  
\$48,708

National Science Foundation  
*MRI: Acquisition of a CAREN Virtual Reality System for Collaborative Research in Assistive and Rehabilitation Technologies* (PI, Rajiv Dubey, PhD)  
Investigator  
9/1/2012-8/31/2015  
\$642,852

U.S. Department of Veterans Affairs  
*Extending Smart Home Technology for Cognitively Impaired Veterans to Delay Institutionalization T-21* (PI, Jan Jasiewicz, PhD)  
Investigator  
7/15/2011-7/14/2012  
\$650,952

U.S. Department of Defense  
*Changes in movement variability and functional status in veterans with Traumatic Brain Injury receiving rehabilitation in the JAHVA Polytrauma Transitional Rehabilitation Program (PTRP) and Student veterans*  
Principal Investigator  
9/1/2010-8/31/2013  
\$198,000

Agency for Healthcare Research & Quality  
*Telemedicine for Mental Health Services for the Linguistically Isolated: A Pilot Study R03*  
(PI, Yuri Jang, PhD)  
Co-Investigator  
7/1/2011-7/1/2012  
\$100,000

Florida Agency for Health Care Administration  
*Telemedicine for Behavioral Health: State Reimbursement Policies, Procedures and Outcomes*  
(PI, David Chiriboga, PhD)  
Investigator  
7/1/2011-7/1/2012  
\$145,279

U.S. Department of Veterans Affairs  
*Design of a Patient-Centered “Welcome Home” for Independent Living*  
Investigator  
4/1/2010-4/1/2011  
\$2,980,000

Agency for Healthcare Research & Quality  
*Evaluation and Integration of an Automatic Fall Prediction System R21*  
Principal Investigator  
09/30/09-09/29/12  
\$299,452

U.S. Department of Veterans Affairs  
National Center for Patient Safety  
*Preventing Adverse Events Associated with Mobility*  
Investigator  
10/1/09-9/30/11  
\$640,000

U.S. Department of Veterans Affairs  
*Home Evaluation of Visual Exit Barriers in Dementia-Related Wandering*  
Co-Principal Investigator  
09/01/08-08/31/10  
\$405,280

U.S. Department of Veterans Affairs  
*HSR&D/RR&D Research Center of Excellence: Maximizing Rehabilitation Outcomes*  
Investigator  
4/1/09-3/31/13  
\$4,850,000

Johnnie B. Byrd Sr. Alzheimer's Research Center  
*Locomotor Variability in ALF Residents with AD MCI*  
Principal Investigator  
10/01/07-09/30/09  
\$51,890.00

U.S. Department of Veterans Affairs  
*Safe Wandering at Home: Clinical and Research Interventions to Reduce Hazardous Wandering by Persons with Dementia*  
Co-Principal Investigator  
11/01/06-10/31/08

\$14,175.00

University of South Florida

*Evaluation of Stakeholder Attitudes towards Technologies to Control Wandering*

Principal Investigator

1/1/2005-12/31/2005

\$7,000

## **PUBLICATIONS**

### ***Journal Articles***

- Kearns, W. & Fozard, J.L. (Accepted for publication). An example of a university/government relationship in the North American chapter of the ISG. *Gerontechnology*
- Kearns, W.D, Fozard, J.L., Webster, P. & Jasiewicz, J. (Accepted for publication) Location aware smart watch to support aging in place. *Gerontechnology*
- Kearns, W. D., Jasiewicz, J. M., Fozard, J. L., Webster, P., Scott, S., Craighead, J., Bowen, M. E., McCarthy, J. (2013). Temporo-spatial prompting for persons with cognitive impairment using smart wrist-worn interface. *Journal of Rehabilitation Research and Development*, 50(10), vii-xiv. doi:10.1682/JRRD.2013.12.0261
- Kearns, W., Fozard, J.L., Schonfeld, L, Scott, S. & Marshall, K. (2014) Elevated movement path tortuosity in voluntary outdoor ambulation in community-dwelling veterans with a history of traumatic brain injury. *Journal of Head Trauma Rehabilitation*. Published ahead of print and available at [http://journals.lww.com/headtraumarehab/Abstract/publishahead/Elevated\\_Movement\\_Path\\_Tortuosity\\_in\\_Voluntary.99789.aspx](http://journals.lww.com/headtraumarehab/Abstract/publishahead/Elevated_Movement_Path_Tortuosity_in_Voluntary.99789.aspx)
- Barakat, A., Woolrych, R., Kort, H. S. M., Sixsmith, A., & Kearns, W. D. (2013). E-Health technology competencies for health professionals working in home care to support older adults to age in place: Outcome of a two day collaborative workshop. *Medicine 2.0*, 2(2), e10-e-12. doi:10.2196/med20.2711
- Applegarth, S.P, Rowe, M.R., Kearns, W.D, Fozard, J.L, Bowen, M.E. (2013) Activation thresholds and operating characteristics of commercial alarm products that may be used to provide surveillance for dementia caregivers. *Gerontechnology*, 11(3), 480-487.
- Kearns, W. D., Fozard, J., Becker, M. A., Jasiewicz, J., Craighead, J., Holtsclaw, L. et al. (2012). Path tortuosity in everyday movements of elderly persons increases fall prediction beyond knowledge of fall history, medication use, and standardized gait and balance assessments. *Journal of the American Medical Directors Association*, 13(7), 665.e7-665.e13. doi:10.1016/j.jamda.2012.06.010.
- Kearns, W. D., & Fozard, J. (2012). The sensitive residence: Predicting health changes using sensor networks. *Gerontechnology*, 11(2), 272. 10.4017/gt.2012.11.02.047.00.
- Kearns, W. D., Fozard, J., Becker, M. A., Dion, C., Craighead, J., & Jasiewicz, J. (2012). Something in the way she moves: Falls and fractal dimension. *Gerontechnology*, 11(2), 272-273. doi:10.4017/gt.2012.11.02.188.00.

- Jasiewicz J, Kearns W, Craighead J, Fozard JL, Scott S, McCarthy J. (2011) Smart rehabilitation for the 21st century: The Tampa Smart Home for veterans with traumatic brain injury. *Journal of Rehabilitation Research & Development*; 48(8): vii-viii. DOI:10.1682/JRRD.2011.07.0129
- Kearns, W. D., Nams, V. O., Fozard, J. L., & Craighead, J. (2011) Wireless Telesurveillance System for Detecting Dementia. *Gerontechnology*; 10(2):90-102; doi:10.4017/gt.2011.10.2.004.00
- Bowen, M.E, Craighead, J, Wingrave, C.A, Kearns, W.D. (2010) Real-Time Locating Systems (RTLS) to improve fall detection. *Gerontechnology* 2010; 9(4):464-471 doi: <http://dx.doi.org/10.4017/gt.2010.09.04.005.00>
- Kearns W.D. (2010). Elder path tortuosity covaries with MMSE geographical orientation subscale. *Gerontechnology*, 9(2):176-177; doi:10.4017/gt.2010.09.02.020.00
- Kearns, W.D. (2010). Of falls and fractals: My career with my mentor, colleague and friend, Professor James L. Fozard. *Gerontechnology*, 9(3):388-396; doi:10.4017/gt.2010.09.03.010.00
- Kearns, W. D., Nams, V., & Fozard, J. (2010). Tortuosity in movement paths is related to cognitive impairment. *Methods of Information in Medicine*, 49: doi:10.3414/ME09-01-0079
- van Bronswijk, J. E. M. H., & Kearns, W. D. (2009). Preventive health engineering in earlier and later life. *Gerontechnology*, 8(2), 76-81. doi:10.4017/gt.2009.08.02.005.00.
- King-Kallimanis, B., Schonfeld, L., Molinari, V. A., Algase, D., Brown, L. M., Kearns, W. D. et al. (2009). Longitudinal investigation of wandering behavior in Department of Veterans Affairs nursing home care units. *International Journal of Geriatric Psychiatry*, 25(2), 166-174. 10.1002/gps.2316.
- Bronswijk, J., Bouma, H. H., Fozard, J. L., Kearns, W. D., Davison, G. C., & Tuan, P. C. (2009). Defining gerontechnology for R&D purposes. *Gerontechnology*, 8(1), 3-10. doi:10.4017/gt.2009.08.01.002.00.
- Kearns, W. D., & Fozard, J. (2008). Locomotor variability assessment of the elderly using ultra wideband radio. *Telemedicine and E-Health*, 14(6), 611-620. doi: 10.1089/tmj.2008.8493.
- Kearns, W. D., Algase, D., Moore, D. H., & Ahmed, S. (2008). Ultra wideband radio: A novel method for measuring wandering in persons with dementia. *Gerontechnology*, 7(1), 48-57. doi:10.4017/gt.2008.07.01.005.00.
- Kearns W.D. & Fozard J.L. (2008). Ultra wideband assessment of locomotion in elderly. *Gerontechnology*, 7(2), 48-57. doi:10.4017/gt.2008.07.02.075.00.
- Fozard, J. L., & Kearns, W. D. (2008). Communication technology changes how we age. *Gerontechnology*, 7(2), 106. doi: 10.4017/gt.2008.07.02.043.00.
- Bronswijk, J., Fozard, J. L., Kearns, W. D., Davison, G. C., & Tuan, P. C. (2008). Implementing gerontechnology. *Gerontechnology*, 7(3), 325-327. doi:10.4017/gt.2008.07.03.007.00.
- Schonfeld, L., King-Kallimanis, B., Brown, L. M., Davis, D. M., Kearns, W. D., Molinari, V.

- A. et al. (2007). Wanderers with cognitive impairment in VA nursing home care units. *Journal of the American Geriatrics Society*, 55(5), 692-699.
- Kearns W.D, & Fozard J. L. (2007). High-speed networking and embedded gerontechnologies. *Gerontechnology*, 6(3), 135-146.
- Kearns, W. D., Rosenberg, D., West, L., & Applegarth, S. (2007). Attitudes and expectations of technologies to manage wandering behavior in persons with dementia. *Gerontechnology*, 6(2), 89-101.
- Feldman, D. M., & Kearns, W. D. (2007). The mental health needs and perspectives of culturally deaf older adults living in two counties in Florida. *JADARA*, 40(2), 5-18.
- Bronswijk, J., Kearns, W. D., & Normie, L. R. (2007). ICT infrastructures in the aging society. *Gerontechnology*, 6(3), 129-134. doi:10.4017/gt.2007.06.03.002.00.
- Kearns, W. (2006). Community mobility: Driving and transportation alternatives for older persons [Book Review]. *Clinical Gerontologist*, 30(2), 111 – 112.
- Powell-Cope, G., Moore, D., Kearns, W. D., Baptiste, A., Lloyd, J., & Applegarth, S. (2005). VISN 8 patient safety center of inquiry: Direct support for clinicians preventing wandering and associated adverse events for veterans with dementia. *TIPS - Topics in Patient Safety*, 5(6), 3-5. [http://www.va.gov/ncps/TIPS/Docs/TIPS\\_NovDec05.pdf](http://www.va.gov/ncps/TIPS/Docs/TIPS_NovDec05.pdf).
- Peters, R. H., Strozier, A. L., Murrin, M. R., & Kearns, W. D. (1997). Treatment of substance-abusing jail inmates: Examination of gender differences. *Journal of Substance Abuse Treatment*, 14(4), 339-349.
- Dow, M. G., Kearns, W. D., & Thornton, D. H. (1996). The Internet II: Future effects on cognitive behavioral practice. *Cognitive and Behavioral Practice*, 3(1), 137-157.
- Peters, R. H., Kearns, W. D., Murrin, M. R., Dolente, A. S., & May, R. L. (1993). Examining the effectiveness of in-jail substance abuse treatment. *Journal of Offender Rehabilitation*, 19(3), 1-39.
- Peters, R. H., May, R. L., & Kearns, W. D. (1992). Drug treatment in jails: Results of a nationwide survey. *Journal of Criminal Justice*, 20(4), 283-295.
- Peters, R. H., Kearns, W. D., Murrin, M. R., & Dolente, A. S. (1992). Psychopathology and mental health needs among drug-involved inmates. *Journal of Prison and Jail Health*, 11(1), 3-25.
- Peters, R. H., Kearns, W. D., Murrin, M. R., & Dolente, A. S. (1992). Effectiveness of in-jail substance abuse treatment: Evaluation results from a National Demonstration Program. *American Jails*, 6(1), 98-104.
- Peters, R. H., & Kearns, W. D. (1992). Drug abuse history and treatment needs of jail inmates. *American Journal of Drug and Alcohol Abuse*, 18(3), 355-366.
- Kimmel, H. D., Kearns, W. D., & Anderson, D. E. (1992). Extinction instead of incubation following classical aversive conditioning in dogs. *Integrative Psychological and Behavioral Science*, 27(4), 356-370.
- Kearns, W. D. (1992). Merging data from different sources: Combining forensic mainframe data with information collected on personal computers. *American Jails*, 6(1), 21-23.
- May, R., Peters, R. H., & Kearns, W. D. (1990). The extent of drug treatment in jails: A

summary report. *American Jails*, 4(3), 32-35.

- Anderson, D. E., Murphy, P., & Kearns, W. (1986). High calcium intake does not prevent stress-salt hypertension in dogs. *Integrative Psychological and Behavioral Science*, 21(1), 25-31.
- Anderson, D. E., Sharinus, M. W., & Kearns, W. D. (1984). Urinary sodium concentration decreases in avoidance-saline hypertension. *Pavlovian Journal of Biological Science*, 19(2), 104.
- Anderson, D. E., Kearns, W. D., & Worden, T. J. (1983). Potassium infusion attenuates avoidance-saline hypertension in dogs. *Hypertension*, 5(4), 415-420.
- Anderson, D. E., Kearns, W. D., & Better, W. E. (1983). Progressive hypertension in dogs by avoidance conditioning and saline infusion. *Hypertension*, 5(3), 286-291.
- Kearns, W. D., Better, W. E., Daley, L. A., & Anderson, D. E. (1981). A tether system for psychophysiological studies in the dog. *Behavior Research Methods & Instrumentation*, 13(3), 323-327.

#### **Conference Abstracts (Peer Reviewed)**

- Kearns, W, Fozard, J.L, Webster, P, & Jasiewicz, J (Submitted) Location aware smart watch to support aging in place. *Gerontechnology*
- Kearns, W. & Fozard, J.L. (Submitted) University/government relationships in the North American chapter of the ISG. *Gerontechnology*
- Kearns, W, Scott, S, Fozard, J.L, Schonfeld, L, & Marshall, K. (Submitted) Elevated outdoor walking path tortuosity in community-dwelling veterans with a history of traumatic brain injury. American Congress of Rehabilitation Medicine (Orlando Nov 12-16, 2013).
- Kort, HSM, Woolrych, R, Sixsmith, A, & Kearns, W. (In press). Health Professionals Competencies for E-Health Technology to Age in Place: Outcome of a Two Day Collaborative Workshop. *Medicine 2.0: Social Media, Mobile Apps, and Internet/Web 2.0 in Health, Medicine and Biomedical Research at London, England*
- Kearns, W. & Fozard, J.L. (In press) Tele-surveillance for falls in ambient assisted living facilities. Supplement of the *Journal of Nutrition, Health & Aging*. International Association for Gerontology and Geriatrics 20th IAGG World Congress of Gerontology and Geriatrics. *Digital Ageing: A new horizon for health care and active aging*.
- Kort, H.S.M, Fozard, J.L. & Kearns, W.D. (In press) Building physics requirements (BPR) for life enrichment care facilities (LCEF). Supplement of the *Journal of Nutrition, Health & Aging*. International Association for Gerontology and Geriatrics 20th IAGG World Congress of Gerontology and Geriatrics. *Digital Ageing: A new horizon for health care and active aging*.
- Fozard J.L., & Kearns W.D. (2010). Where and how are you? Location aware technologies to assess gait and everyday activities. *Gerontechnology*, 9(2):87; doi:10.4017/gt.2010.09.02.028.00
- Kearns, W. D., & Fozard, J. L. (2009). A multidisciplinary challenge of benefits and risks: Preventive health engineering in earlier and later life. *Journal of Nutrition, Health &*

*Aging*, 13(Suppl 1), S32.

Kearns, W. D., & Fozard, J. L. (2009). Evaluation of wandering by residents in an assisted living facility (ALF) using ultra wideband radio RTLS. *Journal of Nutrition, Health & Aging*, 13(Suppl 1), S54.

Beattie, E., McCrow, J. M., Kearns, W. D., & Applegarth, S. P. (2009). Attitudes and expectations of technologies to manage high risk wandering and elopement in persons with dementia: An Australian perspective. *Gerontologist*, 49(Suppl 2), 93-93. doi:10.1093/geront/gnp147.

### ***Monographs, Book Chapters, and Technical Reports***

Kearns, W., & Fozard, J. (2013). Location-aware technologies for studying resident paths and spatial usage patterns. In A. Joseph & U. Nanda (Eds.), *Development of tools for healthcare environments research and practice* (pp. 43-44). McLean, VA: Environmental Design Research Association.

Kearns WD, Fozard JL (2012). Tracking natural human movements identifies differences in cognition and health. In J. C. Augusto, M. Huch, A. Kameas, J. Maitland, P. McCullagh, J. Roberts et al. (Eds.), *Handbook of ambient assisted living*, (pp. 331-345. doi:10.3233/978-1-60750-837-3). Amsterdam, NL: IOS Press.

Kearns, W. D., Fozard, J. L., & Lamm, R. (2011). How knowing who where and when can change healthcare delivery. In C. Röcker, & M. Ziefle (Ed.), *Smart healthcare applications and services*. Aachen, Germany: IGI Global.

Kearns, W. D., & Moore, D. H. (2008). RFID: A tool for measuring wandering in persons with dementia. In A. Mihailidis (Ed.), *Technology and aging: Selected papers from the 2007 International Conference on Technology and Aging* (pp. 154-162). Amsterdam, The Netherlands; Washington, DC: IOS Press.

Kearns, W. D. (2008). *Florida's emergent gerontechnologies* (Agency for Health Care Administration Report Series; AHCA Series No. 220-109). Tampa, FL: University of South Florida, Louis de la Parte Florida Mental Health Institute. <http://home.fmhi.usf.edu/common/file/ahca/ahca2008/220-109.pdf>.

Kearns, W. D., & Moore, H. (2007). RFID technology: A novel observational and measurement method in dementia-related wandering. In *Proceedings of FICCDAT/ICTA: the 2nd International Conference on Technology and Aging*. Toronto, Ontario, Canada: Rehabilitation Engineering and Assistive Technology Society of North America.

Kearns, W. D., & Ji, Y. (2007). *Provider effects on racial/ethnic disparities in the Florida Medicaid population* (Agency for Health Care Administration Report Series; AHCA Series No. 220-93). Tampa, FL: University of South Florida, Louis de la Parte Florida Mental Health Institute. <http://home.fmhi.usf.edu/common/file/ahca/ahca2007/220-93.pdf>.

- Kearns, W. D., & Fozard, J. L. (2007). Technologies to manage wandering. In A. Nelson, & D. L. Algate (Eds.), *Evidence-based protocols for managing wandering behaviors* (pp. 277-298). New York, NY: Springer.
- Fozard, J. L., & Kearns, W. D. (2007). Technology, aging, and communication. In G. Lesnoff-Caravaglia (Ed.), *Gerontechnology: growing old in a technological society* (pp. 271-291). Springfield, IL: Charles C. Thomas.
- Fozard, J. L., & Kearns, W. D. (2007). Persuasive technologies which change attitudes and behaviors can support the ambitions and activities of older persons. In *Proceedings of the March 2007 International Conference on Gerontic Technology and Service Management*. Nantou, Taiwan, ROC: Nan Kai Institute of Technology.
- Chiriboga, D. A., & Kearns, W. D. (2007). In K. S. Markides (Ed.), *Encyclopedia of health & aging* (pp. 557-559). Los Angeles, CA: Sage Publications.
- Barbeau, S., Winters, P., Georggi, N., Labrador, M., Perez, R., Kearns, W. D. et al. (2007). Travel assistance device: electronic mobility and transportation guidance assistance for persons with cognitive disabilities. In *Proceedings of the Workshop on Assisted Cognition*. Rochester, NY: University of Rochester.
- Fozard, J. L., & Kearns, W. D. (2006). Persuasive gerontechnology: Reaping technology's coaching benefits at older age. In W. IJesselstein, Y. d. Kort, C. Midden, B. Eggen , & E. v. d. Hoven (Eds.), *Persuasive technology: First International Conference on Persuasive Technology for Human Well-Being* (pp. 199-202). Berlin, Germany: Springer-Verlag.
- Chiriboga, D. A., Brown, L., Dupree, L., Cho, S., Cohen, D., Gum, A. et al. (2006). *The Florida Alzheimer's Disease Medicaid Waiver Program: An evaluation* (Agency for Health Care Administration Report Series; AHCA Series No. 220-73). Tampa, FL: University of South Florida, Louis de la Parte Florida Mental Health Institute. <http://home.fmhi.usf.edu/common/file/ahca/ahca2006/220-73.pdf>.
- Kearns, W. D., Mitchell, G., Kwak, J., & Kim, G. (2005). *Urban and rural HCBS service penetration in Florida*. Tampa, FL: University of South Florida, Louis de la Parte Florida Mental Health Institute.
- Kearns, W. D. Mitchell, G., Kwak, J., & Kim, G. (2005). *Urban vs. rural access to health and mental health services in Florida* (Agency for Health Care Administration Report Series; AHCA Series No. 220). Tampa, FL: University of South Florida, Louis de la Parte Florida Mental Health Institute.
- Chiriboga, D. A., Jang, Y., Becker, M. A., Chen, H.-J., Greenbaum, P. E., Brown, L. M. et al. (2005). *Mental health disparities in the state of Florida: An evaluation*. Tampa, FL: University of South Florida, Louis de la Parte Florida Mental Health Institute.
- Chiriboga, D. A., Becker, M., Brown, L., Anderson, S., Cohen, D., Dupree, L. et al. (2005). *The Florida Alzheimer's Disease Medicaid waiver program: An evaluation of Alzheimer's beneficiaries prior to program initiation* (Agency for Health Care Administration Report Series; AHCA Series No. 220-64). Tampa, FL: University of

- South Florida, Louis de la Parte Florida Mental Health Institute.  
<http://home.fmhi.usf.edu/common/file/ahca/ahca2005/220-64.pdf>.
- Kearns, W. D. (2003). Libraries as publishers of digital video. In A. Hanson, & B. L. Levin (Eds.), *Building a virtual library* (pp. pp. 37-51). Hershey, PA: IDEA Group Publishing. [See also <http://videodb.fmhi.usf.edu/> and <http://www.fmhi.usf.edu/library/projects/internet2-blueline2.pdf>].
- Kearns, W. D. (2003). Streaming video databases in support of mental health education and training. In N. Callaos (Ed.), *Conference proceedings of the SCI 2003: The 7th world multiconference on systemics, cybernetics, and informatics: Volume III, Communication, network and control systems, technologies and applications* (pp. 1-3). Orlando, FL: International Institute of Informatics and Systemics.
- Kearns, W. D. (1994). *Annual report for fiscal year 1993 juvenile justice community reentry program: A report to the State of Florida Department of Health and Rehabilitative Services*. Tampa, FL: University of South Florida, Florida Mental Health Institute.
- Kearns, W. D. (1993). *Annual report for fiscal year 1992 juvenile justice community reentry program: A report to the State of Florida Department of Health and Rehabilitative Services*. Tampa, FL: University of South Florida, Florida Mental Health Institute.
- Kearns, W. D. (1992). *Annual report for fiscal year 1991 juvenile justice community reentry program: A report to the State of Florida Department of Health and Rehabilitative Services*. Tampa, FL: University of South Florida, Florida Mental Health Institute.
- Spielberger, C., Crane, R., Kearns, W. D., Pellegrin, K., Rickman, R., & Johnson, E. (1991). Anger and anxiety in essential hypertension. In I. G. Sarason, C. D. Spielberger, & J. M. T. Brebner (Eds.), *Stress and emotion: Anxiety, anger, and curiosity, volume 14* (pp. 265-283). New York, NY: Hemisphere Publishing Corp.
- Kearns, W. D. (1991). *Annual report for fiscal year 1990 juvenile justice community reentry program: A report to the State of Florida Department of Health and Rehabilitative Services*. Tampa, FL: University of South Florida, Florida Mental Health Institute.
- Kearns, W. D., May, R., & Peters, R. H. (1990). *Drug treatment services in jails: Results of a national survey* (NCJRS no. 146626). Washington, DC: American Jail Association/National Institute of Justice.
- Anderson, D., Sharinus, M., & Kearns, W. D. (1984). Salt loading decreases intraday cardiac variability in dogs. In *Stress, reactivity and cardiovascular disease: Proceedings of the working conference* (pp. 229-230). Bethesda, MD: National Institutes of Health.
- Anderson, D., & Kearns, W. D. (1984). Blood pressure monitoring in laboratory animals during behavioral experiments. In *Cardiovascular instrumentation: Proceedings of the Working Conference On Applicability Of New Technology To Biobehavioral Research*. Bethesda, MD: National Institutes of Health.
- Nomellini, S., & Kearns, W. D. (1979). *An instructor's manual to accompany 'Introduction to Experimental Psychology'* (1st ed.). New York, NY: Holt Rinehart and Winston.

### ***Conference Presentations***

- Moore, D. Helen, Houston, A.M., Kearns, W. D. & Fozard, J. (2013, November). Visual exit barriers: Deter exit-seeking in home-dwelling elderly with dementia? Poster presented at the meeting of the Gerontological Society of America, New Orleans, LA
- Houston, A.M, Moore, D.H. & Kearns, W.D. (2013, July) Visual barriers to aid in the prevention of exit-seeking in older adults with dementia. Poster presented at the meeting of the American Psychological Association, Honolulu, HI.
- Kort, HSM, Woolrych, R, Sixsmith, A, & Kearns, W. D. (2013, September). Health Professional competencies for e-health technology to age in place: Outcome of a two day collaborative workshop. Paper presented at the meeting of the Medicine 2.0: Social Media, Mobile Apps, and Internet/Web 2.0 in Health, Medicine and Biomedical Research at London, UK.
- Kearns, W.D, & Fozard, J.L. (2013, June) Tele-surveillance for falls in ambient assisted living facilities. Paper presented at the meeting of the International Association for Gerontology and Geriatrics (IAGG) World Congress of Gerontology and Geriatrics: Digital Ageing: A new horizon for health care and active aging. Seoul, Korea.
- Kort, H.S.M, Fozard, J.L. & Kearns, W.D. (2013, June) Building physics requirements (BPR) for life enrichment care facilities (LCEF). Paper presented at the meeting of the International Association for Gerontology and Geriatrics (IAGG) World Congress of Gerontology and Geriatrics: Digital Ageing: A new horizon for health care and active aging. Seoul, Korea.
- Kearns, W, Fozard, J.L, Schonfeld, L, Scott, S, & Marshall, K. (2013, April) *Measuring spatial disorientation in veterans with TBI using GPS and fractal mathematics*. Poster presented at the meeting of the Veterans Administration Research Day, Tampa, FL.
- Kearns, W. D. (2012, December). *Tampa Smart Home: Rehabilitation for the 21<sup>st</sup> century*. Paper presented at the annual meeting of the Special Operations Medical Association (SOMA), Tampa, FL [Invited speaker].
- Kearns, W. D. (2012, August). *Something in the way she moves: Falls and fractal dimension*. Paper presented at the annual meeting of the Provost's Symposium on Engineering and Information Sciences and Technology, Berks, PA [Invited speaker, Pennsylvania State University Berks Campus].
- Kearns, W. D. (2012, August). *Increased path tortuosity related to falls in assisted living facility residents*. Paper presented at the annual meeting of the Transforming Fall Management Practices Conference (US Department of Veterans Affairs), Clearwater Beach, FL [Invited speaker].
- Kearns, W. D. (2012, July). *Falls and dementia: Predicting health changes using sensor networks*. Paper presented at the annual meeting of the Utrecht University of Applied

- Sciences Health and Engineering Summer Program, Utrecht, The Netherlands [Invited speaker].
- Kearns, W. D., Fozard, J., Becker, M. A., Dion, C., Craighead, J., & Jasiewicz, J. (2012, June). *Something in the way she moves: Falls and fractal dimension*. Paper presented at the annual meeting of the ISG\*ISARC (International Society of Gerontechnology and the International Symposium of Automation and Robotics in Construction) Eindhoven, The Netherlands.
- Kearns, W. D., & Fozard, J. (2012, June). (Conveners). Symposium: *"The sensitive residence: Predicting health changes using sensor networks"*. Symposium conducted at the annual meeting of the ISG\*ISARC (International Society of Gerontechnology and the International Symposium of Automation and Robotics in Construction) Eindhoven, The Netherlands.
- Kearns, W. D. (2012, May). *Transdisciplinary working*. Paper presented at the annual meeting of the Canadian Institutes of Health Research Institute on Aging's Summer Program on Aging, Vancouver, BC, Canada [Invited speaker].
- Kearns, W. D. (2012, May). *Publishing and dissemination*. Paper presented at the annual meeting of the Canadian Institutes of Health Research Institute on Aging's Summer Program on Aging, Vancouver, BC, Canada [Invited speaker].
- Kearns, W. D. (2012, May). *Developing practical solutions for older people*. Paper presented at the annual meeting of the Canadian Institutes of Health Research Institute on Aging's Summer Program on Aging, Vancouver, BC, Canada [Invited speaker].
- Kearns, W. D., & Fozard, J. L. (2012, March). *Locomotor variability and fall risk in seniors with dementia*. Paper presented at the annual meeting of the International Exchange of Research and Practice in e-Health (iKOP project) Seminar: "Competencies for e-Health Use," Tampa, FL [Invited speaker].
- Kearns, W. (2011, June). *Ultra-wideband RTLS tracking in ALF residents links natural movement variability to dementia*. Presentation at the US Department of Veterans Affairs national conference "Tracking our Future: VHA and RTLS", Atlanta, GA June 1-3.
- Kearns, W. (2011, February) *Innovative uses of UWRFLID in Healthcare – How knowing who where and when can improve health services*. HIMSS Conference - Orlando Orange County Convention Center. Feb 22nd. 2011.
- Kearns, W. (2010, October). *Location aware technologies: Implications for healthcare research and practice*. Presentation on October 30, 2010, USF Polytechnic, Journey Through Aging.
- Kearns, W. & Craighead, J. (2010, September). *Location aware technologies: Implications for healthcare research and practice*. Presentation at the Ubisense User Conference at Jesus College, Cambridge University UK on September 22nd, 2010.
- Craighead, J, Kearns, W, Fozard, J, Hart-Hughes, S. & Jasiewicz, J. (2010, June) *Gait Up & Go: A Therapist-Friendly iPod Based Tool for Mobility Assessment*. Presentation at the

- June 2010 Agency for Healthcare Research and Quality grantee and contractors meeting, Washington, DC. June 1-4, 2010.
- Kearns, W (2010, May) *Of falls and fractals: My career with my mentor, colleague and friend, Professor James L. Fozard*. Closing Plenary Speech at the Seventh International Conference on Gerontechnology, Vancouver. May 26-30th, 2010.
- Kearns W.D. (2010, May). *Elder path tortuosity covaries with MMSE geographical orientation subscale*. Paper presented in symposium entitled "The use of activity monitoring in care for persons with dementia (Willems, C.G.) at the 7th International Conference on Gerontechnology, Vancouver, Canada. May 30th, 2010.
- Kearns, W. (2010, May) *Evaluation and Integration of an Automatic Fall Prediction System*. 11th Annual Transforming Fall Management Practices conference. May 3-6, Clearwater Beach, Florida. (Plenary speech).
- Kearns, W.D, Fozard, J.L, Nams V.O, Craighead, & J, Jasiewicz, J. (2010, February) *High Locomotor Variability In Free Movements Of Assisted Living Facility Residents Predicts Cognitive Impairment*. Presentation at GAIT2010 in Washington, DC from 2/26/2010-2/28/2010.
- Kearns, W. D., & Fozard, J. L. (2009, September). *Evaluation of wandering by residents in an assisted living facility (ALF) using ultra wideband radio RTLS*. Paper presented at the annual meeting of the International Research Consortium on Wandering: VISN8 Patient Safety Center of Inquiry, Tampa, FL.
- Beattie, E., Kearns, W. D., & Applegarth, S. P. (2009, September). *Australian family and professional carer attitudes to technologies used to manage wandering in persons with dementia*. Paper presented at the annual meeting of the International Consortium on Wandering and Adverse Events, VISN8 Patient Safety Center of Inquiry, Clearwater, FL.
- Kearns, W. D. (2009, October). *Health monitoring of residents in an assisted living facility (ALF) using ultra wideband radio RTLS*. Paper presented at the annual meeting of Internet2, San Antonio, TX.
- Beattie, E., McCrow, J. M., Kearns, W. D., & Applegarth, S. P. (2009, November). *Attitudes and expectations of technologies to manage high risk wandering and elopement in persons with dementia: An Australian perspective*. Paper presented at the annual meeting of the Gerontological Society of America (GSA), Atlanta, GA.
- van Bronswijk, J. E. M. H., & Kearns, W. D. (2009, July). *A multidisciplinary challenge of benefits and risks: Preventive health engineering in earlier and later life*. Paper presented at the annual meeting of the International Association of Gerontology and Geriatrics (IAGG), Paris, France.
- Kearns, W. D., & Fozard, J. L. (2009, July). *Evaluation of wandering by residents in an assisted living facility (ALF) using ultra wideband radio RTLS*. Paper presented at the annual meeting of the International Association of Gerontology and Geriatrics (IAGG), Paris, France.

- Kearns, W. D. (2009, April). *The Brit Programme* [Teaching and learning special interest group]. Paper presented at the annual meeting of Internet2, Alexandria, VA.
- Kearns, W. D., & West, L. (2009). *Locomotor variability in ALF residents with AD/MCI: Update*. Paper presented at the annual meeting of the International Consortium on Wandering and Adverse Events, VISN8 Patient Safety Center of Inquiry, Tampa, FL.
- Kearns, W. D., & Fozard, J. (2008, September). *Locomotor variability assessment of the elderly using ultra wideband radio*. Paper presented at the annual meeting of the International Research Consortium on Wandering and Adverse Events: VISN8 Patient Safety Center of Inquiry, Tampa, FL.
- Kearns, W. D., & Fozard, J. (2008, September). *Locomotor variability assessment of the elderly using ultra wideband radio*. Paper presented at the annual meeting of the American Telemedicine Association (ATA), Tampa, FL.
- Kearns, W. D. (2008, October). *Using ultra wideband radio in the study of dementia wandering: Implications for gerontechnology*. Paper presented at the annual meeting of the IEEE/RAS-EMBS on Biomedical Robotics and Biomechatronics (BioRob), Scottsdale, AZ.
- Kearns, W. D. (2008, October). *Internet2: An overview*. Paper presented at the annual meeting of the Department of Veterans Affairs VISN8 VA Patient Safety Center of Inquiry, Tampa, FL.
- Kearns, W. D. (2008, November). *Locomotor variability in ALF residents with dementia*. Poster presented at the annual meeting of the UK-US International Alzheimer's Disease Symposium, Tampa, FL.
- Kearns, W. D. (2008, May). *Locomotor variability in ALF residents with A/D MCI*. Keynote speech delivered at the annual meeting of the International Conference on Gerontechnology and Service Management (Nan Kai Institute of Technology), Nan Tou, Taiwan, ROC.
- Kearns, W. D. (2008, May). *Communications technology and the elderly*. Master class conducted at the annual meeting of the International Conference on Gerontechnology and Service Management (Nan Kai Institute of Technology), Nan Tou, Taiwan, ROC.
- Kearns, W. D. (2008, March). *Locomotor variability in ALF Residents with AD/MCI*. Paper presented at the annual meeting of the International Research Consortium on Wandering: VISN8 Patient Safety Center of Inquiry, Tampa, Florida.
- Fozard, J. L., & Kearns, W. D. (2008, June). *Communication technology changes how we age*. Paper presented at the annual meeting of the International Society for Gerontechnology, Pisa, Italy.
- Kearns, W. D. (2008, April). *Locomotor variability in ALF residents with AD/MCI*. Paper presented at the annual meeting of Internet2, Alexandria, VA.
- Kearns, W. D. (2007, October). *Gerontechnology implications and opportunities for networks*. In W. D. Kearns (Chair) "Implications of Rapidly Evolving Gerontechnologies

- for High Speed Networks". Paper presented at the annual meeting of Internet2, San Diego, CA.
- Kearns, W. D. (2007, October). (Chair) "Implications of rapidly evolving gerontechnologies for high speed networks". Panel conducted at the annual meeting of Internet2, San Diego, CA.
- Barbeau, S., Winters, P., Georggi, N., Labrador, M., Perez, R., Kearns, W. D. et al. (2007, October). *Travel assistance device: electronic mobility and transportation guidance assistance for persons with cognitive disabilities*. Poster presented at the annual meeting of the Workshop on Assisted Cognition, Rochester, NY.
- Kearns, W. D. (2007, May). *Sensor networks for healthcare monitoring of the elderly*. Paper presented at the annual meeting of the Chin Min Institute of Technology, Nantou, Taiwan, ROC.
- Kearns, W. D. (2007, May). *Sensor networks for healthcare monitoring of the elderly*. Paper presented at the annual meeting of the International Conference and on Gerontechnology and Service Management, Nantou, Taiwan, ROC.
- Kearns, W. D., & Moore, D. (2007, June). *RFID: A novel measure of wandering in dementia*. Paper presented at the annual meeting of the Festival of International Conferences on Caregiving Disability and Technology, International Conference on Technology and Aging (FICCDAT/ICTA), Toronto, Ontario, Canada.
- Kearns, W. D. (2007, June). *Provider effects on racial/ethnic disparity in the Florida Medicaid population*. Poster presented at the annual meeting of the Florida Medicaid Research Conference, Tallahassee, FL.
- Kearns, W. D. (2007, June). *Broadband networking and the new Gerontechnology or "What will I do when those fibers grow grey"*. Poster presented at the annual meeting of the Florida Medicaid Research Conference, Tallahassee, FL.
- Moore, D. K. W. D., & Larson, V. (2007). *Interventions to manage wandering in dementia*. Paper presented at the annual meeting of the National Center for Patient Safety, Washington, DC.
- Kearns, W. D., & Fozard, J. L. (2007). *Persuasive technologies which change attitudes and behaviors can support the ambitions and activities of older persons*. Workshop conducted at the annual meeting of the International Conference on Gerontic Technology and Service Management (Nan Kai Institute of Technology), Nantou, Taiwan, ROC.
- Kearns, W. D. (2007). *Sensor networks for healthcare monitoring of the elderly*. Workshop conducted at the annual meeting of the Chaoyang University of Technology, Nantou, Taiwan, ROC.
- Schonfeld, L., Molinari, V., Brown, L. M., Kearns, W. D., & Kallimanis, B. (2006). *Wandering MDS analysis*. Paper presented at the annual meeting of the International Consortium on Wandering and Adverse Events, VISN8 Patient Safety Center of Inquiry, Tampa, FL.

- Fozard, J. L., & Kearns, W. D. (2006). *Persuasive GERONtechnology: Reaping technology's coaching benefits at older age*. Paper presented at the annual meeting of the International Conference on Persuasive Technology for Human Well-Being: Persuasive 2006, Eindhoven, Netherlands.
- Kearns, W. D. (2005, March). *Technologies to control wandering in persons with Alzheimer's dementia*. Paper presented at the annual meeting of the SSR-RC Safety Security Rescue Research Center (National Science Foundation), St. Petersburg, FL.
- Schonfeld, L., Kearns, W. D., Molinari, V. , Brown, L., Kallimanis, B., Werner, D. et al. (2005, December). *Wandering behavior in VA nursing home care units*. Paper presented at the annual meeting of the International Consortium on Wandering and Adverse Events, VISN8 Patient Safety Center of Inquiry, Tampa, FL.
- Kearns, W. D., & West, L. (2005). *Technologies to control wandering: Stakeholders' attitudes*. Paper presented at the annual meeting of the International Consortium on Wandering and Adverse Events, VISN8 Patient Safety Center of Inquiry, Clearwater, FL.
- Kearns, W. D. (2004, June). *DRIFTER: Autonomous buoyancy controlled underwater platform*. Paper presented at the annual meeting of the Tufts University Department of Mechanical Engineering, National Science Foundation, National Instruments Corporation, LEGO International Inc., Austin, TX.
- Kearns, W. D., Murphy, R., & Elahi, H. (2004, July). *Videofish: TV worth catching*. In J. Weinberg (Chair) "Curricular themes." Paper presented at the annual meeting of the Association for the Advancement of Artificial Intelligence (AAAI), Palo Alto, CA.
- Kearns, W. (2004, January). *High speed computer networks and their implications for education: The internet2 project at USF*. Paper presented at the annual meeting of the Florida Educational Technology Corporation, Orlando, FL.
- Kearns, W. D., & Koberstein, M. (2004, April). *College of Visual and Performing Arts: Multicast technologies at USF*. Paper presented at the annual meeting of the University Consortium for Advanced Internet Development (UCAID), Alexandria, VA.
- Kearns, W. D. (2004). *High speed computer networks and their implications for education: The internet2 project at USF*. Paper presented at the annual meeting of the University of South Florida, Management Information Systems Society Tampa, FL.
- Kearns, W. D. (2004). *Videofish: TV worth catching*. Paper presented at the annual meeting of the Tufts University, Department of Mechanical Engineering, Boston, MA.
- Kearns, W. D. (2003, June). *Streaming video databases in support of mental health education and training*. Paper presented at the annual meeting of the International Institute of Informatics and Systemics, Orlando, FL.
- Kearns, W. D. (2002). *A demonstration of USF's Internet2 connection, and how it may be used to maximal effect*. Paper presented at the annual meeting of the Southeastern Association of Marine Laboratories & Mote Marine Institute National Shark Research Center, Sarasota, FL.

- Kearns, W. D. (2001, October). *Implications of the Health Insurance Portability and Accountability Act*. Paper presented at the annual meeting of the Association of Mental Health Librarians, Tampa, FL.
- Kearns, W. D. (2001, March). *Internet2: High bandwidth networking at USF*. Paper presented at the annual meeting of the USF Symposium on 21st Century Teaching Technologies, Tampa, FL.
- Kearns, W. D. (2001). *USF's Internet2 Project: Advancing the Public Broadcasting System*. Paper presented at the annual meeting of the Higher Education Telecommunications Consortium, Tampa, FL.
- Kearns, W. D. (2001). *Internet2: High speed networking in support of research and training*. Paper presented at the annual meeting of the International Workshop on Digital and Computational Video, Tampa, FL.
- Kearns, W. D. (2001). *How to use USF's Internet2 connection to maximal effect*. Paper presented at the annual meeting of the Southeastern Association of Marine Laboratories & Mote Marine Institute National Shark Research Center, Sarasota, FL.
- Kearns, W. D. (2001). *Higher Education Television Consortium (HETC)/Internet2*. Paper presented at the annual meeting of the Higher Education Telecommunications Consortium, Madison, WI.
- Kearns, W. D., & Hanson, A. (2000). *From catalogue to video: The use of electronic media as curriculum and research support*. Workshop conducted at the annual meeting of the USF Symposium on 21st Century Teaching Technologies, Tampa, FL.
- Kearns, W. D. (2000). *Streaming video databases in support of mental health education and training*. Paper presented at the annual meeting of USF Symposium on 21st Century Teaching Technologies, Tampa, FL.
- Kearns, W. D. (2000). *Streaming video databases in support of mental health education and training*. Paper presented at the annual meeting of Internet2, Washington, DC.
- Kearns, W. D., & Hanson, A. (1999). *Dealing with frequently asked questions: A self-indexing e-mail system available via the world wide web*. Workshop conducted at the annual meeting of the USF Symposium on 21st Century Teaching Technologies, Tampa, FL.
- Kearns, W. D. (1999). *The USF Internet 2 Project: High speed networking for the future*. Workshop conducted at the annual meeting of the USF Symposium on 21st Century Teaching Technologies, Tampa, FL.
- Kearns, W. D., & Hanson, A. (1997). *A virtual walk through the de la Parte Institute Library*. Workshop conducted at the annual meeting of the USF Symposium on 21st Century Teaching Technologies, Tampa, FL.
- Kearns, W. D., & Hanson, A. (1996). *Building a low cost library catalog searchable via the world wide web*. Workshop conducted at the annual meeting of the USF Symposium on 21st Century Teaching Technologies, Tampa, FL.
- Peters, R. H., Kearns, W. D. S. J., Murrin, M., & Dolente, A. (1991). *Relapse prevention and*

*skill acquisition among offenders referred for in-jail substance abuse treatment.* Paper presented at the annual meeting of the American Psychological Association (APA), San Francisco, CA.

Peters, R. H., & Kearns, W. D. (1991). *Drug treatment needs of jail inmates.* Paper presented at the annual meeting of the American Psychological Association (APA), San Francisco, CA.

Kearns, W. D. (1989). *Social avoidance behavior in baboons: Systemic and regional hemodynamics.* Paper presented at the annual meeting of the National Institutes on Aging, Baltimore, MD.

Kearns, W. D. (1988). *Cardiovascular concomitants of differential behavioral and motivational states in the telemetered baboon.* Paper presented at the annual meeting of the Beritashvili Institute of Physiology, Georgian Academy of Sciences, Tbilisi, Georgia, USSR.

### **Patents**

Kearns, W. D., Craighead, J., Fozard, J., & Schonfeld, L. (patent applied for). *Fractal path analyzer for cognitive impairment.* USF Ref. No.: 12B159. University of South Florida.

Kearns, W. D., Fozard, J. & Kostis, E. (2011). *Human and physical asset movement pattern analyzer.* Patent number 7978085-1. University of South Florida.

### **PROFESSIONAL SERVICE**

US Dept of Veterans Affairs – National RTLIS Implementation Team	2013 to present
Executive Committee Member – Organizing Committee ISG 2014 Taiwan	2012 to present
Executive Committee Member – Organizing Committee ISG/ISARC2012	2011 to 2012
Track Director - ISG/ISARC2012 Conference Eindhoven, NL	2011 to 2012
Associate Editor, <i>Gerontechnology</i>	2006 to present
International Society of Gerontechnology (ISG), Eindhoven, Netherlands	
Scientific Papers Reviewer eHealth, IADIS	2009
International Association for Development of the Information Society Multi-Conference on Computer Science and Information Systems; Algarve, Portugal, June 17-23.	
Manuscript Reviewer, <i>Journal of Behavioral Health Services Research</i>	2010
Manuscript Reviewer, <i>Journal of Applied Gerontology</i>	2009 to present
Manuscript Reviewer, <i>Gerontechnology</i>	2005 to present
Manuscript Reviewer, <i>IEEE Transactions Inf. Technol. in BioMedicine</i>	2013 to present
Manuscript Reviewer, <i>IEEE Intelligent Systems</i>	2007 to present
Grant Reviewer, USF Dept. of Research	2006
Grant Reviewer, National Science Foundation	2009
Grant Reviewer, Agency for Healthcare Research & Quality	2010

Grant Reviewer, University of Toronto, Canada 2014

## **PROFESSIONAL SOCIETIES/ASSOCIATIONS**

### *International*

Gerontechnology Society, member 2007 to present

### *National*

RFID in Healthcare Consortium – HIMSS 2014 Exec Committee 2013-2014

University Corporation for Advanced Internet Development 2005-2011

Human Factors & Ergonomics Society, member 2005-2007

Higher Education Telecommunications Consortium, member 1999-2003

### *University*

Executive Committee – Advanced Visualization Committee 2012 to present

USF Cyber-infrastructure Committee 2008 to present

CBCS Associate Dean for Research – Search Committee 2012-2013

Internet2 Project, USF Representative 1996-2006

Florida Health Information Systems Council, 2002-2003

Board of Trustees Representative

Instructional Technology Council, Chairman 2000-2001

Strategic Planning Task Force Technology Management

Subgroup member 1998-1999

Workgroup on Computers & Technology, member 1995-2003

Academic Computing Committee 1994-2003

Chair 1994-1998

Southern Accreditation of Colleges and Schools 1992-1993

Member, Self study section for computing resources at USF

## **TEACHING EXPERIENCE**

Simon Frasier University – Canada

Gerontology department

Guest lecturer, Technology and Aging 2013

University of South Florida

*Louis de la Parte Florida Mental Health Institute*

Instructor, Communication and Design Process Seminar 2009

SPC6934

Instructor, Environmental Interventions Seminar 2008

GEY6934.904S07:	
Instructor, Videofish Senior Design Project	2003-2004
ART 4806/EGN 4930	
Department of Psychology	1987-1988
Rollins College, Department of Psychology	1998
Instructor, Introduction to General Psychology	
University of the Pacific	1978
Psychophysiology laboratory instructor	

### **AWARDS & HONORS**

USF Dept. of Research Excellence in Innovation Award	2011
Distinguished Keynote Speaker Award – International Conference and Master Class on Gerontechnology	2008
Nan Kai University of Technology – Taiwan	
Workshop on Intelligent Systems for Assisted Cognition	2007
University of Rochester (NY) and Microsoft, Inc.	
Chair, Communications Systems and Networks (SCI 2003 Conference, Orlando)	2003
USF Career Service Scholarship Award	1986