

*Curriculum Vitae*

**Jon A. Sanford, M. Arch.**

Director, Center for Assistive Technology and Environmental Access and Adjunct  
Assoc. Prof. of Architecture, Georgia Tech

Research Architect, Rehab R&D Center, Atlanta VA

**PERSONAL**

Born: March 9, 1952, New York, New York

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Home address: 105 Parkside Circle, Decatur, GA 30030

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**EDUCATION**

Bachelor of Science in Psychology (cum laude),  
Duke University, 1974.

Bachelor of Science in Architecture (with High Honors)  
Georgia Institute of Technology, 1979.

Master of Architecture  
Georgia Institute of Technology, 1983.

**PROFESSIONAL EXPERIENCE**

- 2010 - present**     **Associate Professor of Architecture**, College of Architecture, Georgia Tech,  
Atlanta, GA
- 2005 – 2009**     **Adjunct Associate Professor of Architecture**, College of Architecture, Georgia  
Tech, Atlanta, GA
- 2008 - present**     **Director**, Center for Assistive Technology and Environmental Access, College of  
Architecture, Georgia Tech, Atlanta, GA
- 2001 - 2009**     **Senior Research Scientist**  
Center for Assistive Technology and Environmental Access, College of  
Architecture, Georgia Tech, Atlanta, GA
- 2001-2003**     **Consultant**  
RERC for Universal Design in the Built Environment  
NC State University, Raleigh, NC
- 2001-2007**     **Home Modifications Consultant**  
Assistive Technology Center  
Shepherd Center, Atlanta, GA
- 2001-2007**     **Instructor**  
National Center for Home Modifications and Supportive Housing  
University of Southern California, Los Angeles, CA
- 1999-2006**     **Research Director**  
Extended Home Living Services  
Wheeling, IL

- 1988-Present**      **Research Architect**  
 Rehabilitation Research and Development Center  
 Atlanta Veterans Affairs Medical Center, Decatur, GA
- 1997-2000**      **Assistant Director**  
 Rehabilitation Research and Development Center  
 Atlanta Veterans Affairs Medical Center, Decatur, GA
- 1995-1997**      **Associate Director**  
 Rehabilitation Research and Development Center  
 Atlanta Veterans Affairs Medical Center, Decatur, GA
- 1989-1999**      **Program Coordinator**  
 Evaluation Program  
 RERC for Accessible and Universal Design in Housing  
 North Carolina State University, Raleigh, NC
- 1981-1988**      **Research Scientist**  
 College of Architecture  
 Georgia Institute of Technology, Atlanta, GA
- 1978-1981**      **Graduate Research Assistant**  
 College of Architecture, Georgia Institute of Technology
- 1974-1977**      **Psychiatric Attendant**  
 Duke University Medical Center

## COMMITTEES, MEMBERSHIPS, CONTRIBUTIONS, AND HONORS

**Expert/Advisory Panels.** Member, Expert Panel, ADA Knowledge Transfer-Systematic Review, University of Illinois Chicago/University of Washington, 2012-2013; GA Fair Housing White Paper Advisory Panel (2011-2012); DHHS Technical Expert Panel on Accelerating Adoption of Assistive Technology to Reduce Physical Strain Among Family Caregivers of Chronically Disabled Elderly Living at Home (2011); CDC Older Adult Safe Mobility Assessment Advisory Panel (2010-2011); GA AARP New Certified Home Design Program Advisory Committee (2010-2011); AIA Task Force on Assisted Transfer (2010-2011); GA Fair Housing White Paper Advisory Panel (2010-2011); Juror, Playable 10 International Design Competition (2010); Birmingham/Atlanta Geriatric Research and Education Clinical Center (GRECC) Advisory Board (2010 - ); Simple C, LLC Research Advisory Board (2010-); AARP National Universal Design Summit, St. Louis, MO (Oct. 2010); FutureAge Workshops: Roadmap for Ageing Research for the European Union, Heidelberg, Germany/Lund Sweden (2010); *Advisory Board Center for Health in Aging*, Emory University (2010 - ); *Lifelong Mableton Technical Committee*, Atlanta Regional Commission (2010 – 2013); *Expert Panel, Future Environments for an Aging Society*, Healthtech (2009), *Expert Panel on Accessibility in the Built Environment*, Atlanta Regional Commission Lifelong Communities Project (2009), *Expert Panel on Disability Employment and Vocational Rehabilitation Research*, National Institute on Disability and Rehabilitation Research (2008); Home Safety Workgroup, National Council on Aging (2006-2007); *UIC Activity and Environment Advisory Panel* (2006); *AIA Task Force on ADA* (2005); *National Falls Prevention Summit* to develop Falls Prevention Action Plan, National Council on Aging (2004), *Emergency Evacuation of People with Physical Disabilities from Buildings*, Interagency Committee on Disability Research (2004). *VA Design Guide for Extended Care Facilities*, Ernest Bland Associates (2004). *Envisioning the Future*, American Occupational Therapy Association (2004).

**Professional Associations.** *Gerontological Society of America*: Member 1989-Present, Physical Environments and Aging Informal Interest Group, 1994-Present; Chair, 2005 – present; *American Society on Aging*, 1993-Present; Network on Environments Services and Technologies, 1994-present; ASA local arrangements committee, 1994; program planning committee 2003; *Environmental Design Research Association* 1975—present, Gerontology Network, 1987—present; Rehabilitation Engineering and Assistive Technology Society of North America (1994-Present), Universal Access Special Interest Group (1995- present).

**Committee Memberships.** GA Tech Institute Advisory Committee for Research Faculty Promotions (2012-2013); Bettye Rose Connell Memorial Lecture Steering Committee (2011-); School of Industrial Design Faculty Search Committee (2011); Chair, Ad Hoc Committee on Home Modifications, Board of Directors Rehabilitation Engineering and Assistive Technology Society of North America (2010); Search Committee, Chair, School of Architecture, 2010; Member, Search Committee, Chair, School of Industrial Design, 2010; International Scientific Board, International Society for Gerontechnology Conference (ISG), 2010; Organizing Committee, International Conference on Aging Disability and Independence (ICADI), 2010; IRB Georgia Institute of Technology, (2009 - ); Commercial Building Consensus Committee, Global Universal Design Commission (2009 -); Industrial Design Steering Committee (2009-); College of Architecture Health and Environment Task Force (2008-2009); GA Tech Awarehome Research Initiative Steering Committee, 2009; GA Tech Health Services Institute Associate Faculty (2008- present); Dean's Council, College of Architecture (2008-2009); Board of Directors, International Scientific Board, International Society for Gerontechnology Conference (ISG), 2008; American Society on Aging (2006 - 2009); IRB Emory University School of Medicine (2005 - present); National Advisory Board, National Resource Center on Supportive Housing and Home Modification, Andrus Gerontology Center, Univ. Southern California (2001-2004); Leadership Council, Network on Environments, Services and Technologies for Maximizing Independence of the American Society on Aging, (2001; Chair, 2006-2009); Construction and Technology Committee for Disability Access to the 1996 Olympic Games (1993-1996).

**Editorial Boards.** *Journal of Visual Impairment and Blindness* (2011- ) *Housing and Society* (2010 -); *Journal of Applied Gerontology* (2010 - ); *Australian Journal of Rehab Counseling* (2009 -); *Journal of Physical and Occupational Therapy in Geriatrics*, 2006 - present; *Maximizing Human Potential*, newsletter for Network on Environments, Services and Technologies for Maximizing Independence of the American Society on Aging, 2000; Co-editor, *Design Research News*, Environmental Design Research Association, 1995-2001.

**Peer Reviewer.** *International Conference on Aging Disability and Independence*, (2010); *International Society for Gerontechnology 7<sup>th</sup> World Conference* (2010); *Administration on Aging* (2009); *NSF* (2009); *Summative Review Panel, National Institutes on Disability and Rehabilitation Research* (2000); *Special Study Section-5, Division of Research Grants, National Institutes of Health* (1996-1997); *University of Michigan Geriatrics Center* (2006); *Gerontological Society of America* (1996-present), Social Research and Public Policy and Behavioral and Social Science Sections; *Environmental Design Research Association* (1987-2003); *American Society on Aging* (2000-present); *Rehab Engineering Society of North America* (1996-2001).

**Manuscript Reviewer.** *Journal of Visual Impairment and Blindness* (2011); *Journal of Aging Research*, 2011; *Journal of Housing for the Elderly* (2010 - ); *Neuropsychological Rehabilitation* (2010); *The Gerontologist* (2010); *Disability and Rehabilitation: Assistive Technology* (2009 - 2010); *Australian Journal of Rehabilitation Counseling* (2009-2010), *Journal of Applied Gerontology* (2008 - 2010), *Journal of Physical and Occupational Therapy in Geriatrics* (2006-2010); *Journal of American Geriatrics Society* (2006); *Scandinavian Journal of Occupational Therapy* (2006); *Journal of RR&D* (2005-2006); American Occupational Therapy Association, *Home Modifications Practice Guidelines* (2005); *International Journal of MS Care* (2005); *Journal of Human Factors Society* (2007); *European Journal of Ageing* (2007-2010); *Assistive Technology* (2005 – 2011).

**Conference Organization.** International Conference on Aging Disability and Independence, Track Chair (2010); International Conference on Aging Disability and Independence, Track Chair & preconference organizer (2007-2008); International Council for Building Research and Innovation, Working Commission 084, Host (2008); American Society on Aging (2001) local arrangements committee; Environmental Design Research Association (1998) co-chair; (1986), organizing committee

**Awards Received.** 2008 Research Award, College of Architecture, GA Tech; 1998 Pin Dot Outstanding Paper Award Presented by Rehabilitation Engineering Society of North America; U. S. Government Interagency Committee on Handicapped Research (1986), Lucille Morgan Community Service Award, Georgia Society of Interior Designers (1986),

**Academic Honors.** Tau Delta Sigma National Honor Fraternity, (1983); Phi Kappa Phi National Honor Society (1980); Louise M. Fitten Memorial Scholarship (1978).

## RESEARCH and DEVELOPMENT

Principal Investigator, *DRRP on Universal Design Practices to Enhance Work Outcomes*, NIDRR, 2012 -2017.

Co-Principal Investigator, *Virtual Home for Modifications*, NIDRR, 2012 -2017.

Principal Investigator (GA Tech, subcontract from Information Technology and Innovation Foundation), *Development of EZ Ballot with Multimodal Inputs and Outputs*, Election Assistance Commission, 2012 -2013.

Principal Investigator (GA Tech, subcontract from Information Technology and Innovation Foundation), *Accessible Voting Technology*, Election Assistance Commission, 2011 -2014.

Principal Investigator, *Optimizing Toilet Location for Assisted Toileting*, Rothschild Foundation, 2011.

Principal Investigator, *Evaluation of Gesture Interface Magnifiers for Visually Impaired Veterans*, Atlanta VA Medical Center, 2011

Principal Investigator (GA Tech, subcontract from Atlanta Regional Commission), *Lifelong Community in South Cobb County*, Administration on Aging, 2010 -2012.

Principal Investigator, *Identification of Unmet Needs for Environmental Supports in Housing and Communities of Georgia's Seniors*, Georgia Council on Aging, 2009-2010.

Co-Principal Investigator, *Assessment Protocol to Identify Environmental Barriers to Communication in Long Term Care Facilities*, NIA Phase II SBIR; 2009-2011.

Investigator, *Interventions to Improve Family Caregiving of Older Veterans*. E5021R VA RR&D Pilot, Griffiths (PI), 2009- 2011.

Investigator, *Accessible Aquarium Project*, NSF, Walker (PI); 2009-2011

Principal Investigator (GA Tech, subcontract), *Wheelchair with Drop-Down Armrest for Sliding Transfers*, NIA Phase I SBIR, 2008-2009.

Principal Investigator, *Communication Technologies to Enhance Participation in the Tele-Workplace*, Supplement to Grant # H133E070026, NIDRR, 2008-2009.

Co-Director, Rehabilitation Research Engineering Center on Workplace Accommodations, Grant # H133E070026, NIDRR, (Projects: PI: Development of Remote Assessment Protocol; Co-PI: Successful Aging in the Workplace; Effects of Accommodation on Participation in the Workplace; PI: Student Awards Program for Universal Design in Workplace Accommodation) 2002-2012

Co-Principal Investigator, *Assessment Protocol to Identify Environmental Barriers to Communication in Long Term Care Facilities*, NIA Phase I SBIR; 2008.

Principal Investigator (GA Tech, subcontract), *LifterMate, Portable Patient Lift*, NIA Phase I SBIR; 2007-2008.

Principal Investigator, *MWR Army Base Accessibility Needs Assessment*, U.S. Army, 2007.

Principal Investigator, Atlanta Site. *Home-Based Tele-Health Stroke Care: A Randomized Trial for Veterans*, VA RR&D Service, 2007-2010

Co-Principal Investigator, (GA Tech, PI). *Southeast Disability and Business Technical Assistance Center*. NIDRR, subcontract from Syracuse University. 2006-2007.

Co-Principal Investigator, Talking Signs: Development of an Emergency Egress System for People with Vision Loss. VARR&D, 2005-2007.

Principal Investigator, Environmental Barriers to Wheeled Mobility, Rehabilitation Research Engineering Center on Wheeled Mobility, Grant #H133E030035, NIDRR, 2005-2008.

Co-Principal Investigator, Distance Learning for Home Modifications, NIA SBIR Grant, Phases I and II, 2003 – 2006.

Principal Investigator: Comprehensive Electronic Database of Home Modifications, NIA SBIR Grant #1R43 AG19543-02, 2003-2005

Principal Investigator: Development of a TeleRehabilitation Protocol to Assess Workplace Accommodation Needs, NIDRR, 2004 – 2006.

Principal Investigator, Using TeleRehabilitation to Support PT and OT Services, VA Rehab R&D Service, 2002-2006.

Co-Principal Investigator: Impact of Home Modification Services on Community Living and Participation Outcomes for Older Adults with Functional Limitations. Retirement Research Foundation, 2001-2003.

Principal Investigator: Comprehensive Electronic Database of Home Modifications, NIA SBIR Grant #1R43 AG19543-01, 2001-2002

Co-Principal Investigator: Home Assessment and Modification as an Early Intervention Strategy, NIDRR SBIR Grant #EDOSER-01-000352, 2001-2002

Co-Principal Investigator: Health Benefits of Going Outdoors, VA Rehab R&D Service Project #E2422P, 2001-2002

Principal Investigator: Telerehabilitation to Provide Home Modification Assessments, Shepherd Center (NIDRR), 1999-2001.

Principal Investigator: Best Practices in Assisted Transfer, US Access Board, 1999-2000.

Co-Principal Investigator. Development and Evaluation of an Activity Monitor for People with Dementia, VA Rehabilitation Research and Development Service Project # E2168T, 2000-2001.

Principal Investigator: Effects of Strength and Grab Bar Placement on Toilet Transfer Among Older Adults, Rehabilitation Research and Development Service, Rehab R&D Center on Geriatric Rehabilitation, Veterans Affairs Medical Center Atlanta, 1999-2000.

Co-Principal Investigator: Design of Toilet Prototypes for Elderly and Disabled Veterans, Phase 2, Rehab R&D Service, Department of Veterans Affairs, 1998-1999.

Co-Principal Investigator: Health Benefits of Going Outdoors in Long Term Care Settings, Rehabilitation Research and Development Service, Rehab R&D Center on Geriatric Rehabilitation, Veterans Affairs Medical Center Atlanta, 1999.

Co-Principal Investigator: Assessment Protocol to Identify Home Modification Needs, National Institute on Aging, 1998-2000.

Co-Principal Investigator: Outdoor Space in Long Term Care Settings, Rehabilitation Research and Development Service, Rehab R&D Center on Geriatric Rehabilitation, Veterans Affairs Medical Center Atlanta, 1998.

Co-Principal Investigator: Analysis and Interpretation of Environmental Data from a VA Stroke Rehabilitation Survey, Rehab R&D Center on Geriatric Rehabilitation, Veterans Affairs Medical Center Atlanta, 1998.

Principal Investigator: Access to Toilet and Bathing Facilities, U.S. Architectural and Transportation Barriers Compliance Board, 1996-1998.

Investigator: Quality of Life of Veterans with Disabilities Living in Personal Care Homes. Rehab R&D, Atlanta VA Medical Center Developmental Proposal, 1996-1997.

Investigator: Aging, Health, and Life Adjustment After Disability. Rehab R&D, Atlanta VA Medical Center Developmental Proposal, 1996-1997.

Investigator: Studies to Further the Development of Universal Design, National Institute of Disability and Rehabilitation Research, 1994-1997.

Investigator: Development and Dissemination of an Innovative Education Program on Home Modifications for Older Adults and Their Families, Retirement Research Foundation, 1994-1996 (under subcontract to American Occupational Therapy Foundation).

Project Consultant to American Occupational Therapy Association: Changing Needs, Changing Homes: Adapting Your Home to Fit You, Retirement Research Foundation, 1995-1996.

Project Director: Technical Requirements for Ramps, U.S. Architectural and Transportation Barriers Compliance Board, 1993-1996.

Co-Principal Investigator: Evaluation of Interventions to Prevent Elopement in Nursing Homes, Rehabilitation Research and Development Service, Department of Veterans Affairs, 1994-1996.

Principal Investigator: Design of Four Toilet Prototypes for Elderly and Disabled Veterans, Rehab R&D Service, Department of Veterans Affairs, 1992-1995.

Project Director: Recommendations for Accessibility Standards for Assembly Areas, U.S. Architectural and Transportation Barriers Compliance Board, 1993-1994.

Principal Investigator: Best Practices in Accessibility Housing, National Institute on Disability and Rehabilitation Research, 1993-1994.

Investigator: Best Practices in Rural Accessible Housing, R&T Center on Rural Disabilities, Missoula, MO, 1993-1994.

Principal Investigator: Development of a Housing Registry for Consumers with Disabilities, Massachusetts Rehabilitation Commission, 1992-1993.

Principal Investigator: Applicability of Accessibility Standards for Older People, Rehab R&D Service, Department of Veterans Affairs, 1991-1993.

Investigator: Accessibility Standards for Children's Environments, U.S. Architectural and Transportation Barriers Compliance Board, 1990 - 1992.

Principal Investigator: Inventory of Typical Housing Occupied by Disabled Individuals, National Institute on Disability and Rehabilitation Research, 1989-1992.

Principal Investigator: Field-Based Case Studies of ADL/Task Performance, National Institute on Disability and Rehabilitation Research, 1989-1992.

Co-Principal Investigator: A Knowledge Based System for Selecting Elopement Control Devices, Rehab R&D Service, Department of Veterans Affairs, 1990-1992.

Investigator: Development and Validation of Criteria for Task Safety in Blind Mobility, Veterans Affairs Merit Review, 1990-1992.

Project Manager: Spatial Orientation and Wayfinding of Elderly Persons, Rehab R&D Service, Department of Veterans Affairs, 1988 - 1991.

Principal Investigator: Evaluation of Flamingo Exhibit Signage at Zoo Atlanta, Zoo Atlanta, 1988.

Co-Investigator: A Program for the Administration Education Building at Zoo Atlanta, Turner Associates & Zoo Atlanta, 1988.

Investigator: Transit Station Platform Edge Warning and Fall Injury Reduction System, Metropolitan Atlanta Transit Authority, 1988.

Principal Investigator: Evaluation of Visitor Preferences for Exhibit Design in the Atlanta Children's Zoo, Zoo Atlanta, 1987.

Principal Investigator: Analysis of Visitor Attitudes and Behavior in the Atlanta Children's Zoo, 1987.

Co-Principal Investigator: Analysis of Staffing Patterns and Programs for Atlanta Parks, Department of Parks, Recreation and Cultural Affairs, City of Atlanta, 1986.

Investigator: Evaluation of the New College of Architecture Building at Florida A&M University, Board of Regents of the State of Florida; 1986. (*Featured in Progressive Architecture (April, 1986) "Energy Past and Future."*)

Principal Investigator: Hands on Architecture, Evaluation of Hand Operated Devices, Architectural and Transportation Barriers Compliance Board, 1986.

Principal Investigator: Computer Aided Design of Prototypical Bathing Fixtures for Disabled and Elderly People, Veterans Administration Medical Center, Atlanta, 1985.

Co-principal Investigator: Development of National Standards for Detectable Tactile Surface Materials for Visually Impaired Persons, Architectural and Transportation Barriers Compliance Board, 1983. (*Featured in Progressive Architecture, June, 1985) "Enabling the Disabled."*)

Investigator: An Assessment of Signage and Orientation and Preparation of Technical and Usage Requirements for Persons with Visual Impairments, Architectural and Transportation Barriers Compliance Board, 1984.

Investigator: Evaluation of Prototypical Bathroom Fixtures for Handicapped and Elderly Persons, Veterans Administration Medical Center, Atlanta, 1984.

Project Manager: Stairway and Handrail Design for Reducing Fall Injuries, National Institute for Occupational Safety and Health, 1982.

Project Manager: Design Guidelines for Making Crossing Structures Accessible to the Physically Handicapped; Federal Highway Administration, 1982.

## PUBLICATIONS

- Sevilla, J. and Sanford, J.A. (accepted for publication). A Model of Job Activity Description for Workplace Accommodation Assessment, *Assistive Technology*.
- Rebola, C.R., Sanford, J.A., Milchus, K., Quesenberry, W. & Castro, D. (2012). "Designing New Technologies within a Participatory Approach." In Pei, E. & Bhatia S. (Eds.), *Design for All,* Design for All Institute of India, 7 (7).
- Chumbler, N., Quigley, P., Li, Z., Morey, M., Rose, D., Sanford, J., Griffiths, P. and Hoenig, H. (accepted for publication). Effects of Tele-Rehabilitation on Physical Function and Disability for Stroke Patients: A Randomized Controlled Trial, *Stroke*.
- Sanford, J.A. (2012). *Design for the Ages: Universal Design as a Rehabilitation Strategy*. NY: Springer Publishing.
- Brush, J., Calkins, M., Bruce, C. & Sanford, J. (2012). *Environment & Communication Assessment Toolkit for Dementia Care*, Baltimore, MD: Health Professions Press.

- Yang, H. & Sanford, J.A. (2012). Home and community environmental features, activity performance, and community participation among older adults with functional limitations, *Journal of Aging Research*, (2012), Article ID 625758, 14 pages.
- Brush, J., Sanford, J., Fleder, Bruce, C., & Calkins, M. (2011) Evaluating and Modifying the Communication Environment for People with Dementia. *Perspectives on Gerontology*, (16), 32-40.
- Rebola, C.B. & Sanford, J.A. (2011). Editors, Design and technologies for healthy aging, special issue of *Physical and Occupational Therapy in Geriatrics*, 29(1).
- Rebola, C.B. & Sanford, J.A. (2011). Design and technologies for healthy aging, *Physical and Occupational Therapy in Geriatrics*, 29(1), 1-4.
- Ainsworth, E., DeJonge, D., Sanford, J.A. (2011). Legislation, Regulations, Codes and Standards Impacting on the Role of the Occupational Therapist, In E. Ainsworth & D. de Jonge, (eds). *An occupational therapist's guide to home modification practice*. Thorofare, NJ: SLACK Inc.
- Chumbler, N.R., Rose, D., Griffiths, P., Quigley, P., McGee-Hernandez, N., Carlson, K.A., Vandenberg, P., Morey, M.C., Sanford, J., Hoenig, H. (2010). Study protocol: home-based telehealth stroke care: a randomized trial for veterans, *Trials*, 11(74): 1-15.
- Chumbler, N.R., Quigley, P., Sanford, J., Griffiths, P., Rose, D., Morey, M.C., Ely, E.W., Hoenig, H. (2010). "Implementing tele-rehabilitation for Stroke rehabilitation with community dwelling veterans: Lessons Learned." *International Journal of Telerehabilitation*, 2(1): 15-21.
- Sanford, J.A. (2010). Physical Environment and Home Healthcare. In National Research Council Committee on the Role of Human Factors in Home Healthcare, *Role of Human Factors in Home Healthcare*, Washington, DC: National Academies Press.
- Sanford, J. A. (2010). Assessing Universal Design in the Physical Environment. . In T. Oakland and E. Mpofu (Eds.). *Rehabilitation and Health Assessment*, 255-278, New York, NY: Springer.
- Sanford, J. & Bruce, C. (2010). Measuring the Physical Environment. In T. Oakland and E. Mpofu (Eds.). *Rehabilitation and Health Assessment*, 207-228, New York, NY: Springer.
- Bruce, C. & Sanford, J.A. (2009). Assessment for Workplace Accommodation. In T. Oakland and E. Mpofu (Eds.). *Assessment in Rehabilitation and Health*, 205-221, Upper Saddle, NJ: Prentice Hall.
- Sabata, D., Williams, M.D., Milchus, K., Baker, P.M.A., Sanford, J.A. (2008). A retrospective analysis of recommendations for workplace accommodations for persons with mobility and sensory limitations. *Assistive Technology*, 20(1): 28-36.
- Sanford, J.A., Hoenig, H. (2008). A comparison of in-home vs. telerehabilitation. In Mihailidis, A., Boger, J. Kautz, H., Normie, L. (eds). *Technology and Aging*. IOS Press: Netherlands.
- Zolna, J., Sabata, D., Sanford, J. (2008). Accommodations for Mobility in the Workplace: A Comparison of Workers with and without Wheeled Mobility Devices. In W.C. Mann (ed), *Aging Disability and Independence*. College of Public Health and Health Professions: Gainesville, FL.
- Ganesh, S., Hoenig, H., Hayter, A., Kim, P., Sanford, J.A, Sprigle, S. (2007). Manual wheelchair use by community dwelling and institutionalized veterans. *Archives of Physical Medicine and Rehabilitation*, 88(4):9-12.
- Connell, B.R., Sanford, J.A., Lewis, D. (2007). Therapeutic effects of an outdoor activity program on nursing home residents with dementia. *Journal of Housing for the Elderly*, 21 (1/2, 3/4):195-210.
- Zolna, J.S., Sanford, J.A., Sabata, D., Williams, Goldwaithe, J. (2007). Review of accommodation strategies in the workplace for persons with mobility and dexterity impairments: Application to criteria for universal design. *Technology and Disability*, 19 (4):189-198.
- Sanford, J.A., Griffiths, P.M., Richardson, P., Hargraves, K., Butterfield, T., Hoenig, H. (2007). A comparison of televideo and traditional in-home rehabilitation in mobility impaired older adults. *Journal of Physical and Occupational Therapy in Geriatrics*. 25(3): 1-18.
- Connell, B.R., Sanford, J.A., Lewis, D. (2007). Therapeutic effects of an outdoor activity program on nursing home residents with dementia. In Rodiek, S. and Schwarz, B. (eds.). *Outdoor Environments for People with Dementia*. Haworth Press: USA.



- Sabata, D. Bruce, C. & Sanford, J. (2006). Preparing home health clients for work opportunities with workplace accommodation. *Home Health Care Management and Practice*, 19(1). December
- Bruce, C. & Sanford, J.A. (2006). Development of an evidence-based conceptual framework for workplace assessment. *Work*, 26(4): 381-390.
- Sanford, J.A. & Milchus, K., Editors. (2006). Evidence based practice in workplace accommodations. *Work*, 26(4): 329-332.
- Sanford, J.A., Griffiths, P.M., Richardson, P., Hargraves, K., Butterfield, T., Hoenig, H. (2006). The Effects of in-home rehabilitation on task self efficacy in mobility impaired adults: A randomized clinical trial. *Journal of American Geriatrics Society*, 54:1641-1648. November.
- Hoenig, H., Sanford, J.A., Butterfield, T., Richardson, P., Hargraves, K., & Griffiths, P.M., et. al (2006). Development of a tele-technology protocol for in-home rehabilitation. *Journal of Rehabilitation R&D* 43(2). 287-298.
- Sanford, J.A. & Butterfield, T. (2005). Using remote assessment to provide modification services to underserved elders. *The Gerontologist* 45(3); 389-398.
- Stark, S.L. & Sanford, J.A. (2005). Environmental enablers and their impact on occupational performance. In Christiansen, C.H. and Baum, C.M. (Eds.), *Occupational Therapy: Performance, Participation, and Well-Being*. Slack, Inc: Thorofare, NJ; 298-337.
- Brandon, L.J., Ross, D.A., Sanford, J.A. & Lloyd, A. (2004). Predicting Oxygen Uptake in Older Adults Using Lower Extremity Accelerometer Measures. *Journal of Rehabilitation R&D*. 41(6A), 861-870.
- Sanford, J.A., Jones, M.L., Daviou, P., Grogg, K., Butterfield, T. (2004). Using telerehabilitation to identify home modification needs. *Assistive Technology*. 16(1): 43-53.
- Sanford, J.A. & Fagan, L.A. (2004). Assistive Technology to facilitate occupational performance in the home. *AOTA Technology Special Interest Section Newsletter*. 14(2); 1-4.
- Malassigne, P., Sanford, J.A., Cors, M. Kartes, S., La Favor, K., & Bostrom, J.A. (2003). From the drawing board. *Rehab Management*, 16 (8); 34-41.
- Sanford J.A. (2002). Code toilet or not code toilet: That is the question. *Society for the Advancement of Gerontological Environments*, 2(2), September.
- Sanford, J.A, Pynoos, J., Gregory, A. & Browne, A. (2002). Development of a comprehensive assessment to enhance delivery of home modifications. *Journal of PT and OT in Geriatrics*, 20(2), 43-56.
- Ross, D.A. & Sanford, J.A. (2002). Remotely Monitoring Physical Activity of Older Adults with Moderate Dementia. *Gerontechnology*. 2(1).91.
- Sanford, J.A. (2002). The application of activity-monitoring technology in the nursing home setting and the barriers to use among residents with dementia. *Gerontechnology*. 2(1). 138.
- Sanford, J., Daviou, P., Jones, M. (2002). Using TeleRehabilitation to Provide Home Environmental Interventions. *Gerontechnology*. 2(1). 144.
- Sanford, J. Best Practices in Accessible and Usable toilet and bathing facilities in LTC. *The Gerontologist*. 2002. 42 (Special Issue 1), 278.
- Curyto, K., Roos, B., Sanford, J., & Calkins, M. Bringing Technology into the Nursing Home: Barriers and Opportunities. *The Gerontologist*, 2002. 42(Special Issue 1), 83-84.
- Sanford, J.A. (2002). Providing lower-cost home modifications to elders: Validating the assessment process. *Maximizing Human Potential* 10(1). 4.
- Pynoos, J., Sanford, J.A, Rosenfelt, T, & Browne, A. (2002). A Team Approach for Home Modifications. *OT Practice*, 7(7), 15-19.
- Sanford, J.A. (2002). Time to get rid of those old gray grab bars and get yourself a shiny new pair. *Alzheimer's Care Quarterly*, 3(1), 26-31.
- Connell, B.R. and Sanford, J.A. (2001). Difficulty, dependence, and housing accessibility for people aging with a disability. *Journal of Architecture and Planning Research*, 18 (3), 234-242.

- Sanford, J.A. and Jones, M.L. (2001). Home modifications and environmental controls. In *Clinician's Guide to Assistive Technology*. Mosby- Inc., Chicago, 405-423.
- Calkins, M., Sanford, J.A., Proffitt, M. (2001). Universal design and dementia design. In W.F.E. Preiser and E. Ostroff (eds.). *Manual of Universal Design*. NY: McGraw Hill.
- Daviou, P. and Sanford, J.A. (2001). Accessible bathrooms. *Rehab News*. Feb, 4-5.
- Sanford, J.A. (2000). Home modification for elders: Bringing together differing approaches to assessment. *Maximizing Human Potential*, 8(1), 3.
- Sanford, J.A., Echt, K., and Malassigné, P. (1999). An E for ADAAG: The case for accessibility guidelines for the elderly based on three studies of toilet transfer. *Journal of Physical and Occupational Therapy in Geriatrics* 16(3/4), 39-58.
- Sanford, J.A. and Megrew, M.B. (1999). "Using Environmental Simulation to Measure Accessibility for Older People. In E. Steinfeld and S. Danford (Eds.), *Measuring Enabling Environments*, Plenum Press: 183-206.
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- Sanford, J.A. (1993). "Reading Architectural Drawings." TechPack #4.32, Technical Assistance Packet, Center for Accessible Housing, Raleigh, NC.
- Sanford, J.A., Fazenbaker, S., and Connell, B.R. (1992). "Alarm System Technology in Elopement Prevention." *Technology and Disability*, 2(1), 22-33.
- Sanford, J.A., Connell, B.R., and Long, R.G. (1991). "Housing Design and Disability: The Relationships Between Typical Design Features and Performance of Routine Activities." Proceedings of Twenty-Second Annual Environmental Design Research Association Conference, Oaxtepec, Mexico, March 12-15.
- Sanford, J.A. and Steinfeld, E. (1987). "Designing for Orientation and Safety." Proceedings of the Annual Research Conference of the AIA/ACSA Council on Architectural Research; Boston, MA., November 18-20.
- Feurstein, M., Steinfeld, E., Sanford, J.A., and Shiro, G. (1987). "Hands on Architecture." Proceedings of the Eighteenth Annual Conference Environmental Design Research Association; Ottawa, Canada, May 29 - June 2.
- Steinfeld, E., Richmond, G., and Sanford, J.A. (1986). "Detectable Tactile Surface Treatments." Proceedings of the Seventeenth Annual Environmental Design Research Association Conference, Atlanta, GA., April 9-13.
- Sanford, J.A. (1985). "Designing for Orientation and Safety." Proceedings of the First Annual Conference on Building Use and Safety Technology, National Institute of Building Sciences., March.

## PRESENTATIONS

- Sanford, J.A. (2012). Workplace Accommodations, *Institute of Medicine-National Research Council Forum on Aging, Disability and Independence, Workshop on Fostering Independence, Participation and Healthy Aging through Technology*, Washington, DC: National Research Council, Dec. 19.
- Jopp, D. S., Paggi, M. E. Franke, A. & Sanford J. A. (2012). Computer Accommodations in Young and Older Working Individuals With and Without Disability, Poster presentation at the *65th Annual Scientific Meeting of the Gerontological Society of America*, San Diego, Nov. 15.
- Jopp, D. S., Paggi, M. E. Franke, A. & Sanford J. A. (2012). Difficulties with Computer Use in the Workplace in Older and Younger Individuals With and Without Disabilities, Poster presentation at the *65th Annual Scientific Meeting of the Gerontological Society of America*, San Deigo, Nov. 15.
- Yang, H. & Sanford J. A. Home and Community Environmental Features, Activity Performance, and Community Participation to Support Aging in Place among Older Adults with Functional Limitations. Poster presentation at the *65th Annual Scientific Meeting of the Gerontological Society of America*, Nov. 16.
- Sanford, J.A. (2012). The Power of Design: Universal Design as Design for the Ages. Invited lecture at *Emory University Worklife Resource Center*, Atlanta, GA, Nov 1.
- Sanford, J.A. (2012). Falls, Outdoor Mobility and Universal Design in the Community. Invited lecture at *Georgia Falls Prevention Coalition*, Emory University, Atlanta, GA, Nov 1.
- Lee, T. & Sanford, J.A. (2012). "Gesture Interface Magnifiers for Low-Vision Users," *ASSETS 2012*, October 22.
- Lee, T., Xiong, X., Yilin, L.E. & Sanford, J.A. (2012). EZ Ballot with Multimodal Inputs and Outputs, *ASSETS 2012*, October 22.
- Sanford, J.A., Mpofu, E., Oakland, T., Joseph, F., & Mlambo, T. (2012). Healthy Participation in Context: Attributes, Performances and Systems, Invited Symposium at *30<sup>th</sup> International Congress of Psychology*, Cape Town, S. Africa, July 23, 2012.
- Sanford, J.A. (2012). An ICF-Based Model for Assessing Environmental Barriers and Facilitators to Activity and Participation. Paper presentation in Healthy Participation in Context: Attributes, Performances and Systems Symposium at *30<sup>th</sup> International Congress of Psychology*, Cape Town, S. Africa, July 23, 2012.

- Sanford, J.A., Griffiths, P.C., Hoenig, H. (2012). Effects of In-Home Tele-Rehabilitation on Task Self-Efficacy in Mobility Impaired Adults. Paper presentation at *ICOST 2012*, Tuscan, IT, June 13.
- Sanford, J.A., Harris, F. & Yang, H-Y. (2012). Effects of Home and Community Design on Outdoor Mobility. *UD 2012*, Oslo, Norway, June 11.
- Agrawal, V, Winkler, S, Sanford, J.A. (2012). Wheelchair with Drop Down Armrest for Sliding Transfers by User. Paper presentation at *2012 RESNA, Annual Conference of the Rehabilitation Engineering Society of North America*, Baltimore, MD. June, 3.
- deMenna, Q. & Sanford, J.A. (2012). Changing the Code in Residential Care Bathroom Accessibility. Paper presentation at *Environments for Aging 2012*, April 30.
- Milchus, K. & Sanford, J.A. (2012). The Workplace Accommodation Wizard. Paper presentation at *NARRTC 2012, National Association of Rehabilitation Research and Training Centers Annual Conference*, Alexandria, VA, April 26.
- Yang, H-Y, Harris, F. & Sanford, J.A. (2012). Environmental Barriers and Facilitators to Voting Participation of People with Disabilities. Paper presentation at *NARRTC 2012, National Association of Rehabilitation Research and Training Centers Annual Conference*, Alexandria, VA, April 27.
- Harris, F., Yang, H-Y & Sanford, J.A. (2012). The Effect of Home Modifications and Wheelchair Usability on Activity and Participation. Paper presentation at *NARRTC 2012, National Association of Rehabilitation Research and Training Centers Annual Conference*, Alexandria, VA, April 27.
- Sanford, J.A. (2012). Challenges and Rewards of Taking Residential Design and Home Technologies for Aging in Place to Scale. Paper presentation at *2012 Aging in America Conference*, Washington, DC, March 29.
- Sanford, J.A. & Calkins, M. (2012). Environmental Supports to Effective Communication for Individuals with Dementia. Paper presentation at *2012 Aging in America Conference*, Washington, DC, March 30.
- Calkins, M. & Sanford, J.A. (2012). Evidence-Based Online Education in Home Modifications. Poster presentation at *2012 Aging in America Conference*, Washington, DC, March 30.
- Sanford, J. A. & Griffiths, P.C. (2011). Clinician and Caregiver Concordance for Dyadic Performance in Activities of Daily Living Tasks. Paper presentation at the *Annual Conference of the Gerontological Society of America*, Boston, MA, Nov. 22.
- Sanford, J. A., Calkins, M., Brush, J., & Bruce, C. (2011). Development of a toolkit to improve communication environments in long term care settings. Poster presentation at the *Annual Conference of the Gerontological Society of America*, Boston, MA, Nov. 20.
- Yang, H., Swartz, T. & Sanford, J. A. (2011). Identification of Unmet Needs for Environmental Supports in Housing and Communities of Georgia's Seniors. Symposium presentation at the *Annual Conference of the Gerontological Society of America*, Boston, MA, Nov. 20.
- Sanford, J.A. & Bruce, C.M. (2011). Home and environmental technology for the 21<sup>st</sup> century: How it will impact the practice of life care planning, Invited pre-conference workshop at *International Symposium of Life Care Planners*, Scottsdale, AZ, Sept 15.
- Sanford, J.A. (2011). Understanding Accessible Environments and Universal Design in the Home: Research, Innovations and Applications, Invited presentation at *Living Better Longer – Integrating Technology and Services at Home*, annual forum sponsored by Atlanta Regional Commission, Atlanta, GA, Sept 8.
- Sanford, J.A., Harrell, R., Levner, A., & Duncan, R. (2011). Universal Design Housing Coalition. Paper presentation at *National Healthy Homes Conference*, Denver, CO, June 20.
- Harris, J.W.F.H., Yang, H, Sanford, J.A. (2011). Impact of Home Modifications and Wheelchair Usability on Activity; and Participation, Poster presentation at *RESNA 2011, Annual Conference of the Rehabilitation Engineering Research Association*, Toronto, Canada, June 8.
- Sanford, J.A, Yang, H, Harris, J.W.F.H. (2011). Physical Barriers to Community Mobility of Older Adults, Poster presentation at *Growing Old with a Disability*, Toronto, Canada, June 7.

- Sanford, J.A. (2011). Barrier Free Housing for Individuals with MS, Invited plenary presentation at 25<sup>th</sup> Annual Meeting of the Consortium of Multiple Sclerosis Centers, Montreal, Canada, June 3.
- Yang, H., Harris, F., & Sanford, J.A. (2011). Workplace Participation: Development of the Workplace Participation Survey (WPS) and Its Implications to OT Practice. Poster presentation at the 2011 American Occupational Therapy Annual Conference, Philadelphia, PA, April 16.
- Sanford, J.A., Yang, H., Harris, J.W.F.H. (2011). The Impact of Job Accommodations on the Participation of Older Employees with Mobility Disabilities, Paper presentation at 32<sup>nd</sup> Annual Meeting of the Southern Gerontological Society, Raleigh, NC, April 15.
- Chumbler NR, Quigley P, Sanford J, Griffiths P, Rose D, Morey MC, Ely EW, Hoenig H. (2011). Accepted for presentation. "The Effects of a Stroke Telerehabilitation In-Home Intervention on Function and Disability: Preliminary Results of a Randomized Clinical Trial" International Stroke Conference 2011.
- Sanford, J. A. & Rebola, C.W. (2011). DATHA Coalition: An Integrative Model for Sustainable Aging Practices. Invited preconference workshop at *Environments for Aging 2011 Conference*, Atlanta, GA, Mar. 20.
- Sanford, J.A. (2011). Technology and the Future of Environments for Aging. Roundtable discussion at *Environments for Aging 2011 Conference*, Atlanta, GA, Mar. 21.
- Chaudhury, H. & Sanford, J.A. (2010). Symposium presentation of Physical Environments and Aging Special Interest Group: Assessment in Environments for Older Adults, Gerontological Society of America 63<sup>rd</sup> Annual Scientific Meeting, New Orleans, LA, Nov. 20.
- Sanford, J.A. (2010). It's Time for Universal Design, Invited keynote presentation at *VIC 2010: Visions of an Inclusive Community*, Tampa, FL, Oct. 14.
- Sanford, J.A., Harris, J.W.F.H. and Yang, H. (2010). Community Barriers to Wheeled Mobility, Paper presentation at *HFES 2010, Human Factors and Engineering Society*, San Francisco, CA, Sept 28.
- Sanford, J., Swartz, T., Brienza, D., Lim, S., and Porach, E. (2010). Assessing the Workplace Remotely: Is it Possible? Paper presentation at *International Conference on Aging, Disability and Independence (ICADI)*. Newcastle, UK. Sept. 8-10.
- Yang, H, Harris, J.W.F.H., Sanford, J.A. (2010). The Impact of Job Accommodations on the Participation of Employees with Disabilities, Paper presentation at *ICADI 2010, International Conference on Ageing, Disability and Independence*, Newcastle, England, Sept. 8.
- deMenna, Q. & Sanford, J.A. (2010). Culture and Code Change in Long-Term Care Resident Bathrooms. Presentation at *Pioneer Network's 10<sup>th</sup> National Conference*, Indianapolis, IN, Aug 10.
- Sanford, J.A. (2010). *An ICF-based model for assessing environmental barriers and facilitators to activity and participation* in Symposium: Implications for the International Classification of Functioning, Disability and Health on rehabilitation science and services. International Congress of Applied Psychology, Melbourne, Australia, July 13.
- Sanford, J.A., *Challenges to Aging: A U.S. Perspective*, Karolinska Institute, Occupational Therapy Program, Stockholm, Sweden, June 12, 2010.
- Sanford, J.A. (2010). Policy Barriers to Home Environments that Support Aging in Place. Presentation in preconference intensive Policy Implications of Environmental Gerontology at *edra 41, Forty-first Annual Conference of the Environmental Design Research Association*, Washington, DC, Jun 2.
- Sanford, J.A. (2010). Making ADA Accessibility Guidelines More Senior Friendly. Presentation in preconference intensive Policy Implications of Environmental Gerontology at *edra 41, Forty-first Annual Conference of the Environmental Design Research Association*, Washington, DC, Jun 2.
- Sanford, J.A. (2010). Design and Technology for Healthy Aging, A North American Perspective on Gerontechnology, Invited plenary presentation at *ISG 2010, International Society for Gerontechnology 7<sup>th</sup> World Congress*, Vancouver, CA, May 30.

- Sanford, J.A., Harris, J.W.F.H. and Yang, H. (2010). Identifying inclusive design factors that contribute to community mobility and participation of older wheelchair users, Paper presentation at *ISG 2010, International Society for Gerontechnology 7<sup>th</sup> World Congress*, Vancouver, CA, May 29.
- Sanford, J.A. (2010). ADA-related Home/Work Modification Technology. Invited plenary presentation at *ASIA 2010 American Spinal Injury Association Annual Conference*, Nashville, TN, May 28.
- Sanford, J.A., *Universal Design in Toilet Transfer and Mobility*, Geriatric Grand Rounds, Emory University, May 20, 2010.
- Sanford, J.A., Harris, J.W.F.H. and Yang, H. (2010). Barriers to Community Mobility, Paper presentation at *2010 NARRTC 32<sup>nd</sup> Annual Conference*, Arlington, VA, May 3.
- Harris, J.W.F.H., Sanford, J.A., Pires, C., Linden, M. (2010). Differences in perceived environmental barriers, health and activity, and participation among wheeled mobility users, Paper presentation at *2010 NARRTC 32<sup>nd</sup> Annual Conference*, Arlington, VA, May 3.
- Yang, H, Harris, J.W.F.H., Sanford, J.A. (2010). Using Research Evidence to Enhance Workplace Participation Among People with Disabilities, Paper presentation at *2010 NARRTC 32<sup>nd</sup> Annual Conference*, Arlington, VA, May 3.
- Sanford, J.A. (2010) "We Built it and No One Came: So Now What?" Invited plenary presentation in Research Colloquium "Research on the Role of Environments in Promoting Occupation, Participation and Health," at the American Occupational Therapy Association Annual Conference, Orlando, FL, April 30, 2010.
- Sanford, J.A., Harris, J.W.F.H. and Yang, H. (2010). Environmental Barriers to Community Mobility of Younger and Older Wheelchair Users, Paper presentation at *31<sup>st</sup> Annual Meeting of the Southern Gerontological Society*, Richmond, VA, April 10.
- Winegarden, C.R. and Sanford, J.A. (2010). A University-Community Partnership in Design for Healthy Aging, Paper presentation at *31<sup>st</sup> Annual Meeting of the Southern Gerontological Society*, Richmond, VA, April 8.
- Sanford, J.A., Harris, J.W.F.H. and Yang, H. (2010). Environmental Barriers to Community Mobility of Younger and Older Wheelchair Users, Paper presentation at *25<sup>th</sup> Annual International Technology & Persons with Disabilities Conference*, San Diego, CA, March 26.
- Sanford, J.A. (2010). Teleconferencing Technology to Promote Aging in Place, invited presentation in NEST-sponsored symposium: *Beneficial Technologies to Promote Independence of Older and Disabled People in the Community, Aging in America Annual Conference*, March 2.
- Sanford, J.A. (2009). Physical Environment and Home Healthcare, Invited plenary presentation, in Business Forum on Aging, *Aging Means Business*, Symposium at the Gerontological Society of America 62<sup>nd</sup> Annual Scientific Meeting, Atlanta, GA, Nov. 20.
- Sanford, J.A. (2009). Community Barriers to Wheeled Mobility of Older Adults, invited paper in SRPP Presidential Symposium, "Community Approaches To Healthy Aging." at the Gerontological Society of America 62<sup>nd</sup> Annual Scientific Meeting, Atlanta, GA, Nov. 20.
- Sanford, J.A. (2009). "Linking Activity, Health and Built Environment," Discussant in Physical Environments and Aging Symposium, Gerontological Society of America 62<sup>nd</sup> Annual Scientific Meeting, Atlanta, GA, Nov. 19.
- Sanford, J.A. and Harris, J.W.F.H. (2009). *Physical Environmental Barriers to Community Mobility and Participation of Wheelchair Users*. Paper presentation at the 2009 National Environmental Public Health Conference, Atlanta, GA, October 26-28.
- Sanford, J.A. (2009). The Role of Disability and Workplace Accommodations in Older Worker Retention. Accepted Presentation in Symposium: *The Role of Human Factors in Older Worker Retention: What do we know and what will we need to know?* at Human Factors and Ergonomics Society's 53rd Annual Meeting, San Antonio, TX, Oct 19-23.

- Haynes, S., Sanford, J.A., & Bruce, C. (2009). *Model Integrating Technology Use and Human Performance for People with Disabilities*. Accepted Paper presentation at Human Factors and Ergonomics Society's 53rd Annual Meeting, San Antonio, TX, Oct 19-23.
- Lee, S., Do, E. & Sanford, J.A. (2009). *Designing Together while Apart: The Role of Computer-Mediated Communication and Collaborative Virtual Environments on Design Collaboration*. 2009 IEEE International Conference on Systems, Mann, and Cybernetics. San Antonio, TX, Oct 11-14.
- Sanford, J.A., Physical Environment and Home Healthcare, Invited paper in Workshop on the *Role of Human Factors in Home Healthcare*, Committee on the Role of Human Factors in Home Healthcare, National Research Council, National Academies of Sciences, October 1, 2009.
- Sanford, J.A., "Planning for Emergency Egress" invited panelist on Planning, Connections and Engaging the Community at State of Technology Conference on Wireless Emergency Communications. Atlanta, GA, Sept. 21-23, 2009.
- Sanford, J.A., "Lifelong Communities: Linking Activity, Participation and the Built Environment for Successful Aging," presentation in Ribbons of Rehabilitation: Threading Trends through Transitions." Warm Springs, GA, September 25, 2009.
- Sanford, J.A. and Winegarden, C.R. (2009). *Using Tele-Technologies to Support Home in Place*. Poster presentation at International Conference on Geriatrics and Gerontology, Paris, Fr, July 5.
- Sanford, J.A. (2009). *Using Research Evidence to Promote Universal Design in Workplace Accommodation Policies and Practices*. Paper presented at National Association of Rehabilitation Research Training Centers Annual Conference in Arlington, VA, May 5.
- Sanford, J.A. (2009). *Use of Real Time TeleRehabilitation Technologies to Support In-Home Rehabilitation of Veterans with Disabilities*. Paper presented at 25<sup>th</sup> Annual PacRim Conference on Disabilities, Honolulu, HI, May 4.
- Sanford, J.A. (2009). *Universal Design as a Workplace Accommodation: Policy and Practice*. Paper presented at 25<sup>th</sup> Annual PacRim Conference on Disabilities, Honolulu, HI, May 4.
- Sanford, J.A. (2009). Successful Aging in the Workplace. Symposium presentation in *Design and Technology for Successful Aging in the Community* at Southern Gerontological Society Annual Meeting, April 18.
- Sanford, J.A. (2009). Housing and Community Design for Older Adults. Presentation in Special Program: *Community Matters* at the Annual Conference of the American Society on Aging and the National Council on Aging, Las Vegas, NV, Mar. 17.
- Sanford, J.A. (2009). Community Barriers to Mobility. Invited participant at *Lifelong Communities, a regional approach to aging*; sponsored by Atlanta Regional Commission, Atlanta, GA, Feb. 11-14.
- Connell, B.R., Sanford, J.A., Stark, S., Gitlin, L., Calkins, M.P., and Werner-Wahl, H. (2008). *Challenges in Planning and Operationalizing Environmental Interventions in Geriatric Research*. Annual Conference of the Gerontological Society of America, October.
- Sanford, J.A. (2008). Research on Workplace Accommodations. Invited speaker at *Pathways to Economic Security for People with Disabilities: Social Insurance, Asset Development, and Supported Employment – Translating Research into Policy and Practice*, co-sponsored by National Academy of Social Insurance and National Institute on Disability and Rehabilitation Research, Washington, DC, Oct. 15.
- Sanford, J.A. (2008). Accessibility, Usability and Universal Design in Multigenerational Communities. Invited speaker *Healthy Aging Symposium: Innovations in Community Development and Housing Approaches*, co-sponsored by the Federal Reserve Bank of Atlanta and Center for Healthy Aging in the Built Environment, GA Tech, Atlanta, GA, Sept 29.
- Steinfeld, E., Fernie, J., Sanford, J.A. (2008). *The Evidence Base for Universal Design*. Rehabilitation Engineering Society of North America, Arlington, VA June 27-June 30.

- Sanford, Jon A. (2008). *Technical Innovations in Workplace Accommodations*. Invited speaker at Interagency Committee on Disability Research Subcommittee on Employment State of the Science Conference, 2009. Arlington, VA, June 23-25.
- Sacco-Peterson, M, Lilja, M and Sanford, J.A. (2008). A cross national comparative study on how environmental features influence older disabled adults self-caring occupations that occur in the bathroom. Paper presentation at American Occupational Therapy Association Conference, Long Beach, CA, May.
- Bruce, C., Sanford, J. (2008). *From a Distance: Remote Workplace Accommodation Assessments*. Presentation at 2008 International Conference on Aging Disability and Independence, St. Petersburg, FL, Feb 21.
- Zolna, J., Sabata, D., Sanford, J. (2008). *Accommodations for Mobility in the Workplace: A Comparison of Workers with and without Wheeled Mobility Devices*. Presentation at 2008 International Conference on Aging Disability and Independence, St. Petersburg, FL, Feb 21.
- Hoenig, H., Harris, F., Griffiths, P., Sanford, J., Sprigle, S. (2008). *Interactions among the User, the Equipment and the Environment in AT Outcomes Research*. Preconference presentation in *Accelerating Advancement in AT Outcomes Research to Enhance Independence in Aging*, 2008 International Conference on Aging Disability and Independence, St. Petersburg, FL, Feb 20.
- Williams, M., Sabata, D., Sanford, J. (2008). *Assistive Technology Outcomes for the Elderly: Current Limitations and Future Needs*. Preconference presentation in *Accelerating Advancement in AT Outcomes Research to Enhance Independence in Aging*, 2008 International Conference on Aging Disability and Independence, St. Petersburg, FL, Feb 20.
- Steinfeld, E., Maisal, J., Sanford, J.A. (2008). Organizers, ICADI Preconference Intensive: The 21st Century Community, 2008 International Conference on Aging Disability and Independence, St. Petersburg, FL, Feb 20.
- Sanford, J.A. (2008). *Adopting Evidence Based Practice into Universal Design: Randomized Controlled Trials*. Preconference presentation in *The 21st Century Community*, 2008 International Conference on Aging Disability and Independence, St. Petersburg, FL, Feb 20.
- Sanford, J.A. (2008) *Advancing Universal Design through Evidence Based Practice in Community Spaces*. Preconference presentation in *The 21st Century Community*, 2008 International Conference on Aging Disability and Independence, St. Petersburg, FL, Feb 20.
- Nguyen, A.Q.D., Calkins, M.P., Sanford, J.A. and Pynoos, J. (2007). Self-study vs. interactive online home modification courses for professionals working with older adults. Paper presentation at Gerontological Society of America Annual Conference, San Francisco, CA, Nov. 17.
- Sacco-Peterson, M, Lilja, M and Sanford, J.A. (2007). A cross national comparative study on how environmental features influence older disabled adults self-caring occupations that occur in the bathroom. Paper presentation at Maryland Occupational Therapy Association Conference, Baltimore, Nov 2.
- Sanford, J.A. and Sabata, D. (2007). *Aging at Home and Work*. Invited presentation at Summer Workshops in Assistive Technology, Cardinal Hill Rehabilitation Hospital, Lexington, KY, June 27.
- Bruce, C. and Sanford, J.A. (2007). *Work Accommodation Assessment for Older Workers*. Poster presentation at Growing Older with a Disability Conference; International Conference on Technology and Aging, Toronto, CA, June 18.
- Sanford, J.A., Calkins, M., and Bruce, C. (2007). *Multimedia Education on Home Modifications*. Paper presentation at International Conference on Technology and Aging, Toronto, CA, June 18.
- Bruce, C and Sanford, J.A. (2007). *Making Decisions: Home Modification Assessments*. Poster presentation at International Conference on Technology and Aging, Toronto, CA, June 18.
- Sanford, J.A. and Hoenig, H. (2007). *A Comparison of Tele- vs. In-Home Rehabilitation*. Paper presentation at International Conference on Technology and Aging, Toronto, CA, June 18.



- Sanford, J.A. (2007). *Aging and the Environment*. Invited symposium discussant at edra 35, Sacramento, CA, June 1.
- Sanford, J.A. (2007). *Designing the Built Environment for People with Cognitive Disabilities*. Invited presentation at the RRTC on Developmental Disabilities State of the Science Conference., Atlanta, GA, May 21.
- Hashas, M. Sonit, B., and Sanford, J.A. (2007). *Perceiving Centrality: A Comparative Study of The Perceptual Effect of the Syntactical Structure of a Building on Users with and without Disabilities*. Paper accepted for presentation at the 6th International Space Syntax Symposium. Istanbul, Turkey (June 12-15).
- Fagan, L.A. and Sanford, J.A. (2007). *Environmental Modifications*. Preconference intensive at American Occupational Therapy Association Annual Conference, St. Louis, April 12.
- Williams, M, Sabata, D. and Sanford J.A. (2007). *Aging at Home and in the Workplace: Issues Surrounding Disability*. Preconference Workshop at the Twenty-Second Annual International Technology and Persons with Disabilities Conference. Los Angeles, March 19.
- Sanford, J.A. (2007). *A Comparison of TeleRehabilitation and Traditional In-home Rehabilitation*. Invited presentation in Special Program on Technology in Support of Community-Based Services at the Joint Conference of the National Council on Aging and the American Society on Aging. Chicago, March 10.
- Calkins, M., Sanford, J.A., Pynoos, J., Brush, J., et al. (2007). *Skill Building in Environmental Modifications: An Innovative Multimedia Approach*. Presentation at the Joint Conference of the National Council on Aging and the American Society on Aging. Chicago, March 10.
- Sanford, J.A. (2006). *Universal Baths for All*. Invited presentation in Homes for All Ages Conference. Anaheim, CA (October, 25).
- Fagan, L. and Sanford, J.A. (2006). *Home Modifications and Occupational Performance*. Presentation at PA Occupational Therapy Association Annual Conference, Pittsburgh, PA (October, 7).
- Sanford, J.A. (2006). *Diseño Accesible contra Diseño Universal*. Invited plenary presentation at National University of Mexico, Mexico City, Mexico (Sept. 20).
- Fagan, L and Sanford, J.A. (2006). *Home Modifications and Occupational Performance*. Invited day-long workshop at LSU Health Sciences Center Home Modifications Symposium (August 9).
- Walker, B., Godfery, MT, Orlosky, JE, Sanford, JA and Bruce, C. (2006). *Aquarium Sonification: Soundscapes for Accessible Dynamic Learning Environments*, Poster presentation accepted for ICAD 2006, London, UK.
- Hashas, M, Sanford, J.A. and Ross, C. (2006). *Livable communities and universal design: A reconciliation*. Paper presentation accepted for Universal Design and Visitability: From Accessibility to Zoning Conference, Columbus, OH (July 13-14).
- Sanford, J. A. and Bruce, C. (2006). *The Physical Environment as an Independent Measure: A Framework for Understanding the Role of Environmental Attributes in Activity and Performance Outcomes*. Presentation at Living in Our Environment: the Promise of ICF, the 12<sup>th</sup> Annual North American Collaborating Center Conference on ICF (June 6).
- Sanford, J. A. and Hoenig, H. (2006). *A Comparison of Remote and Traditional Practices of In-Home Rehabilitation for People with MS*. Poster presentation at the 20<sup>th</sup> Annual Conference of the Consortium of MS Centers, Scottsdale, AZ (June 2).
- Sanford, J. A. (2006). *A Comparison of Remote and Traditional Practices of In-Home Assessment for People with MS*. Poster presentation at the 20<sup>th</sup> Annual Conference of the Consortium of MS Centers, Scottsdale, AZ (June 2).
- Bruce, C. and Sanford, J. A.. (2006). *Workplace Accommodations, A Remote Possibility*. Poster presentation at the 20<sup>th</sup> Annual Conference of the Consortium of MS Centers, Scottsdale, AZ (June 2).

- Sanford, J.A. (2006). *Measuring Community Barriers to Wheeled Mobility*. RERC on Recreation Technologies State of the Science Conference, Denver, CO (May 31).
- Fagan, L.A. & Sanford, J.A. (2006). *Environmental Modifications: Promoting Occupational Performance and Participation*. 2 day symposium at 86<sup>th</sup> Annual American Occupational Therapy Association Annual Conference. Charlotte, NC (May 26, 27).
- Bruce, C. and Sanford, J.A. (2006). *Evidence-Based Assessment for Workplace Accommodations*. 2 day symposium at 86<sup>th</sup> Annual American Occupational Therapy Association Annual Conference. Charlotte, NC (May).
- Hashas, M., Sanford, J.A., Bafna, Sonit (2006). Accessibility of Support Spaces in Office Buildings. Paper presentation at EDRA 37, Atlanta, GA (May 6)
- Ganesh, S., Hoenig, H., Hayter, T., Kim, P., Sanford, S. & Sprigle, S. (2006). *Manual Wheelchair Use by Community Dwelling and Institutionalized Veterans*, Presentation at Annual Conference of the American Geriatrics Society, Chicago, (May 5).
- Hoenig, H. and Sanford, J.A. (2006). *Virtual Therapy: Using Telerehabilitation to Support PT/OT Services*. Selected for Presidential Poster Session at American Geriatrics Society Annual Conference, Chicago, May 5.
- Sanford, J.A. (2006). *Livable Communities through Universal Design*. Invited presentation at Livable Communities Symposium sponsored by the American Society of Interior Designers and Universal Design Alliance. Atlanta, GA (April 21).
- Bruce, C. & Sanford, J.A. (2006). *Workplace Accommodations: A Remote Possibility*. Presentation at Technology and Persons with Disabilities Conference, Los Angeles, CA (March 24).
- Sanford, J.A. (2006). *Universal Design: an Investment for Aging in Place, in the Workplace, and in Play*. Symposium organizer at the American Society on Aging Annual Conference, Anaheim, CA (March 16).
- Sanford, J.A., Hammel, J., et al. (2006). *The Impact of Home Modifications on Community Living and Participation*. Paper presentation at the American Society on Aging Annual Conference, Anaheim, CA (March 16).
- Fagan, L.A. & Sanford (2006). *Universal Design: Products and Spaces*. Home Modifications and Lifestyle Design, Tools, Team Members, and Technology. Rehabilitation Institute of Chicago. (March 3).
- Sanford, J.A. & Browne, A. (2006). *Structural Design for Accessibility*. Home Modifications and Lifestyle Design, Tools, Team Members, and Technology. Rehabilitation Institute of Chicago. (March 2).
- Fagan, L.A. & Sanford (2006). *Aging in Place*. Home Modifications and Lifestyle Design, Tools, Team Members, and Technology. Rehabilitation Institute of Chicago. (March 2).
- Bruce, C. & Sanford, J.A. (2006). *Assessing Assessment*. National Conference of Rehabilitation Educators, San Diego, CA (Feb. 17).
- Hammel, J., Sanford, J.A., et al. (2006). *The Impact of Home Modifications on Community Living and Participation*. Paper presentation at the 3<sup>rd</sup> International Conference on Aging, Disability and Independence, St. Petersburg, FL, Feb 4.
- Sanford, J.A. and Hoenig, H. (2006). *A Comparison of Telerehabilitation to Traditional In-Home Rehabilitation*. Presentation in *Applications of Technology to the Needs of Older People* Symposium at the 3<sup>rd</sup> International Conference on Aging, Disability and Independence, St. Petersburg, FL, Feb 3.
- Bruce, C.M. and Sanford, J.A. (2006). *Assessing the Assessment*. Paper presentation at the 3<sup>rd</sup> International Conference on Aging, Disability and Independence, St. Petersburg, FL, Feb 3.

- Sanford, J.A. (2006). *Universal Design: an Investment for Aging in Place, in the Workplace, and in Play*. Preconference symposium at the 31<sup>st</sup> International Conference on Aging, Disability and Independence, St. Petersburg, FL, Feb 1.
- Sanford, J.A. and Hoenig, H. (2005). *A Comparison of Telerehabilitation to Traditional In-Home Rehabilitation*. Presented at Gerontological Society of America Annual Conference, Orlando, Nov.
- Hoenig, H., & Sanford, J.A. (2005). *Effectiveness of Tele-technology for Providing In-Home OT Services*. American Association of Physical and Rehabilitation Medicine, Philadelphia, Oct 28.
- Sanford, J.A. (2005). *Reinventing Yourself, Not the Wheel...or Confessions of a Used Car Salesman*. Preconference Symposium of SSO-USA, Washington, DC, Oct 27.
- Sanford, J.A. and Kaplan, S.A. (2005). *Accommodating Workers with Disabilities. What is Reasonable?* International Facility Manager's Association, Philadelphia, PA. Oct 24.
- Fagan, L.A. & Sanford, J.A. (2005). *Evidenced-Based Practice in Home Modifications*. Pennsylvania Occupational Therapy Association Annual Conference, Valley Forge, PA. Oct. 8
- Sanford, J.A. (2005). *From AT to UD*. State of the Science Conference in Workplace Accommodations. Atlanta, GA. Sept. 15.
- Bruce, C.M., & Sanford, J.A. (2005). *Assessing Assessments*. State of the Science Conference in Workplace Accommodations. Atlanta, GA. Sept. 15.
- Sanford, J.A. & Hoenig, H. (2005). *Efficacy of Video-Teleconferencing to Provide Rehabilitation Interventions*, Rehabilitation Engineering Society of North America, Atlanta, GA, June.
- Sanford, J.A. (2005). *Principles of Universal Design*. Greater Atlanta Homebuilders Association, Cobb County Chapter, Marietta, GA. May 24.
- Sanford, J.A. & Hoenig, H. (2005). *Virtual Therapy: Efficacy of Video-Teleconferencing to Provide Rehabilitation Interventions to Veterans at Home*, Veterans Health Administration Care Coordination and Leadership Forum, Salt Lake City, UT, April 5-7.
- Endicott, S.A. & Sanford, J.A. (2005). *Analysis of User Needs in the Workplace*. American Occupational Therapy Association Annual Conference, Long Beach, CA. May 13.
- Sanford, J.A. (2005). *OT Manager Responsibility for Safety and Accommodation in the Workplace*. American Occupational Therapy Association Annual Conference, Long Beach, CA. May 13.
- Sanford, J.A. (2005). *Aging, Accommodation and the Workplace*. American Occupational Therapy Association Annual Conference, Long Beach, CA. May 13.
- Fagan, L.A. & Sanford, J.A. (2005). *Evidenced-Based Practice in Home Modifications*. Pre-Conference Institute, American Occupational Therapy Association Annual Conference, Long Beach, CA. May 11.
- Sanford, J.A. (2005). *Principles of Universal Design*. National Association of Remodelers Institute, Chicago Chapter, Chicago, IL. April 15.
- Sanford, J.A. (2005). *The Changing Face of Aging in the Workplace*. American Society on Aging Annual Conference, Philadelphia, PA. March 9-12.
- Browne, A.F., Carter, M. & Sanford, J.A. (2005). *Practical Application and Case Studies in Home Modifications*. Invited speaker at Home Modifications: Making Homes Able for the the Disabled. Rehabilitation Institute of Chicago. Jan 28.
- Sanford, J.A. & Browne, A.F. (2005). *Pulling the Home Modifications Team Together, Implementing the Plan and Providing Resources and Funding Solutions*. Invited speaker at Home Modifications: Making Homes Able for the the Disabled. Rehabilitation Institute of Chicago. Jan 27.
- Sanford, J.A. (2005). *Effects of Environmental Barriers and Hazards on Community Mobility of Older Adults and People with Disabilities*. Healthy Places Research Initiative, Jan. 18.

- Sanford, J.A. (2004). *Using Tele-technology to Support Environmental Interventions*. Symposium presentation at the Gerontological Society of America Annual Conference, Washington, DC, November 22.
- Sanford, J.A. & Hoenig, H. (2004). *Virtual Therapy: Using TeleVideo to Provide Rehabilitation Interventions to Older Adults at Home*. Paper presentation at the Gerontological Society of America Annual Conference, Washington, DC, November 20.
- Sanford, J.A. (2004). *Building Livable Communities by Design*. Invited speaker at Naturally Occurring Retirement Communities: Learning About Livable Communities for Aging in Place. Sponsored by the Georgia State University Gerontology Institute and Jewish Federation of Greater Atlanta, Nov 9.
- Fagan, L.F. & Sanford, J.A.. (2004). *The Occupation of Growing a Research Society*. Presentation at the 2004 SSO:USA Annual Meeting; Warm Springs, OR, Oct. 29
- DeMenna, Q.A., Fagan, L.F. & Sanford, J.A.. (2004). *Supporting Function through Design Individuals for Individuals*. Presentation at the 2004 AAHSA Annual Meeting; Nashville, TN, Oct. 28
- Moldow, L.G. & Sanford, J.A.. (2004). *Designing for Living in Place*. Presentation at the 2004 AAHSA Annual Meeting; Nashville, TN, Oct. 27
- Levinson, M. J., Sanford, J.A., Bellin, P., & Richman, N. (2004). *Toileting in Care Environments for the Elderly: A Multi-Disciplinary Examination of the Person, Process and Environment*. Presentation at the 2004 AAHSA Annual Meeting; Nashville, TN, Oct. 25
- Milchus, K. & Sanford, J.A. (2004). *Workplace Accessibility: It's More than just Getting in the Building*. IFMA World Workplace 2004; Salt Lake City, UT, Oct. 19.
- Sanford, J.A.. (2004). *Development and Testing of a Universal Design Assessment Protocol*. Presentation at the 35<sup>th</sup> annual meeting of the Environmental Design Research Association; Albuquerque, NM; June 2.
- Sanford, J.A. (2004). *Place and the Spirit of Communication Innovation: Digital Environments*. Presentation at the 35<sup>th</sup> annual meeting of the Environmental Design Research Association; Albuquerque, NM; June 3
- Sanford, J.A. (2004). *Universal Design in Workplace Accommodation*. American Occupational Therapy Association Annual Conference, Minneapolis. MN. May 21.
- Fagan, L.A. & Sanford, J.A. (2004). *OT Involvement in Home Modifications: What Happens After the Assessment*. Pre-conference Institute. American Occupational Therapy Association Annual Conference, Minneapolis. MN. May 19.
- Sanford, J.A., Rosen, M. Pynoos, J., Madachy, P. (2004). *Aging in Place: Moving Ahead Without Moving Away, a Blueprint for Home Modification*. Special program sponsored by the Network on Environments, Services, and Technologies for Maximizing Independence at the American Society on Aging Annual Conference, San Francisco, April 16.
- Sanford, J.A. & Hoenig, H. (2004). *Virtual Therapy: Using Televideo to Promote Aging in Place*. Presentation at the American Society on Aging Annual Conference, San Francisco, April 15.
- Sanford, J.A., Lee, C., Henke, M., & Sabata, D. (2004). *Home Modifications: Evaluation, Interpretation, Education*. Presentation at the American Society on Aging Annual Conference, San Francisco, April 15.
- Milchus, K. & Sanford, J.A. (2004). *Work RERC: Providing New Directions for Workplace Accommodation*. Technology and Persons with Disabilities 2004 Conference, Center on Disabilities at California State University, Northridge; Los Angeles, CA, March 19.
- Jones, M.J., Sanford, J.A., Mueller, J. (2004). *Making Life Easier – Oh the Joys of Technology!* Invited presentation at the 2004 Future of Aging Services Conference, American Association of Homes and Services for the Aged, Washington, DC, March 17.

- Sanford, J.A., Hoenig, H., Daviou, P. (2003). *Virtual Therapy: Using Televideo to Promote Aging in Place*. International Conference on Aging, Disability and Independence, Dec. 6.
- Hammel, J., Sanford, J.A., Hoenig, H., Daviou, P. (2003). *Examining the Need for and Outcomes of Home Modifications on Community Living and Participation With People Aging with Disability*. International Conference on Aging, Disability and Independence, Dec. 6.
- Butterfield, T. & Sanford, J.A. (2003). *Aging in (Work) Place*. International Conference on Aging, Disability and Independence, Dec. 5.
- Sanford, J. A., (2003). *Design for Dementia: Challenges to Promote Universal Access*. In *Technology and Environment: Implications of Providing Choices for Universal Access Symposium* at Fifty-sixth Annual Scientific Meeting of the Gerontological Society of America; San Diego, November 24.
- Sanford, J.A. (2003). *Monitoring Technology: Making the Transition Between Long-Term and Home-Based Care*. Symposium at the 2003 Joint Conference of the National Council on Aging and the American Society on Aging, Chicago, March, 13.
- Sanford, J.A. (2003). *Preparation of the Baby Boomer Generation Through the Utilization of Universal Design and Assistive Technology*. Symposium at the 2003 Joint Conference of the National Council on Aging and the American Society on Aging, Chicago, March, 13.
- Sanford, J.A. (2002). *UD Concepts in Urban Context*. International Conference for Universal Design, Yokohama, Japan; December 1.
- Sanford, J.A. (2002). *Wearable Devices to Monitor Activity of Nursing Home*. Symposium presentation at Fifty-fifth Annual Scientific Meeting of the Gerontological Society of America; Boston, November 26.
- Sanford, J.A. (2002). *Best Practices in Accessible and Usable Toilet and Bathing Facilities in LTC*. Poster presentation at Fifty- fifth Annual Scientific Meeting of the Gerontological Society of America; Boston, November 25.
- Ross, D.A. & Sanford, J.A. *Remotely Monitoring Physical Activity of Older Adults with Moderate Dementia*. Gerontechnology 2002 Conference; Miami, November 19. Sanford, J.A. (2002). The application of activity-monitoring technology in the nursing home setting and the barriers to use among residents with dementia. Symposium presentation at Gerontechnology 2002 Conference; Miami, November 19. J. Sanford, P. Daviou, M. Jones. (2002). *Using TeleRehabilitation to Provide Home Environmental Interventions*. Gerontechnology 2002 Conference; Miami, November 17.
- Sanford, J.A. (2002). *Building Codes and State of the Science in Universal Design Research*. Invited presentation at RESNA 2002, Minneapolis, MN. June 29.
- Sanford, J.A. (2002). *CASPAR, an Innovation in Home Assessment*. Advanced Course on Home Modifications: Moving Forward in Design and Practice. RESNA 2002, Minneapolis, MN. June 27.
- Bakker, R. & Sanford, J.A. (2002). *The Future of Technology and Aging: Is Big Brother Watching?* Plenary presentation at 2002 Joint Conference of the National Council on Aging and the American Society on Aging, Denver, March.
- Sanford, J.A. (2002). *New Technologies to Promote Aging in Place*. Invited plenary presentation at the 2002 Joint Conference of the National Council on Aging and the American Society on Aging, Denver, March
- Sanford, J.A. (2002). *Redefining the ADA Accessibility Guidelines to Promote Deinstitutionalization and Aging in Place*. Presentation accepted for the 2002 Joint Conference of the National Council on Aging and the American Society on Aging, Denver, March
- Pynoos, J., Henke, M., Sanford, J.A., Duncan, R., & Harper, L. (2002). *Building Senior Friendly Homes: Modification and New Construction*. Invited presentation at National Association of Home Builders, Senior Housing Council. Atlanta, February.

- Sanford, J.A. (2001). *TeleRehabilitation: An Interdisciplinary Approach to Facilitate Aging in Place*. Poster presentation at Fifty- fourth Annual Scientific Meeting of the Gerontological Society of America, Chicago, November 16.
- Sanford, J.A. (2001). *Technology and Aging: Smart, Smarter, Smartest*. Invited presentation RRTC-ADD Invitational Research Symposium on Aging with Developmental Disabilities, Chicago, November 14.
- Sanford, J.A. (2001). *Applicability of Accessibility Standards to Meet the Needs of All Individuals*. Workshop at International Conference on Technology and Aging, Toronto, CA, Sept. 13.
- Sanford, J.A. (2001). *US Accessibility Standards to Address Aging Issues: Then, Now and the Future*. Special Forum by the Canadian Standards Association on Standards and Aging Issues at International Conference on Technology and Aging, Toronto, CA, Sept. 12.
- Sanford, J.A. (2001). *How to Increase Safety with Stair Rails and Grab Bars*. Presentation at International Conference on Technology and Aging, Toronto, CA, Sept. 14.
- Malassigné, P and Sanford, J.A. (2001). *Design of a universal toilet transfer seat for elderly and disabled individuals*. Presentation at International Conference on Technology and Aging, Toronto, CA, Sept. 14.
- Sanford, J.A., Calkins, M., Proffitt, M. (2001). *Design for Dementia: Challenges and Lessons for Universal Design*. Presentation at the 32nd Annual Conference of the Environmental Design Research Association, July 3-5.
- Sanford, J.A. and Echt, K. (2001). *Do You Really Need a Roll-in Shower When a Plain Old Seat Will Do?*. Presentation at RESNA 2001, Reno, NV, June 22-26.
- Sanford, J.A. (2001). *Bathing Needs of Older Adults with Mobility Disabilities*. Presentation at the SUNY Buffalo Anthropometry Forum, Buffalo, NY, May 31.
- Sanford, J.A. and Echt, K. (2001). *Impact of Accessible Bathing Fixtures on Transfer Mobility of Older Adults*. Poster presentation at the American Geriatric Society Annual Meeting, Chicago, IL, May 10.
- Sanford, J.A., Carter, M., Browne, A.B., (2001). *Building Foundations for Home Modification Success: Skills, Approaches, and Teamwork*. Preconference Institute at the American Occupational Therapy Association Annual Meeting, Philadelphia, PA, Apr 18.
- Sanford, J.A., Browne, A. (2001). *Building a Better Tomorrow: The Team Approach to Home Modifications*. Workshop at the American Occupational Therapy Association Annual Meeting, Philadelphia, PA, Apr 21.
- Sanford, J.A., Rosenfelt, T, Browne, A., Browne, J., Pynoos, J. (2001). *Development of an Assessment Protocol to Identify Home Modification Services to Aging Adults*. Paper presentation at the 47<sup>th</sup> Annual Meeting of the American Society on Aging, New Orleans, LA, Mar 8-11.
- Sanford, J.A., Rosenfelt, T, Browne, A., Browne, J., Pynoos, J. (2001). *Building a Better Tomorrow: The Team Approach to Home Modifications*. Workshop at the 47<sup>th</sup> Annual Meeting of the American Society on Aging, New Orleans, LA, Mar 8-11.
- Sanford, J.A. and Malassigné, P. (2001). *Design of a Universal Toilet Transfer Seat for Elderly and Disabled Veterans*. Poster presentation at the the 2nd National Rehab R&D Conference, Arlington, VA, Feb. 20-22.
- Sanford, J.A., Browne, A., Browne, J., Pynoos, J. (2000). *Development of an Assessment Protocol to Identify Home Modification Needs of Rural Elders*. Paper presentation at the International Conference on Rural Aging, Charleston, WV, June 7-11.
- Daviou, P. and Sanford, J.A. (2000). *Safe, Accessible, and Doable Home Modifications: A Team Approach*, Invited presentation at the 8th Annual Conference Spinal Cord Injuries, Fort Myers, FL, June 5-7.

- Sanford, J.A., Rosenfeldt, T., and Haile, S. (2000). *Environmental Modification*. Invited training module in OT 594: Assistive Technology and Occupation. University of Illinois at Chicago, College of Associated Health Professions, Dept. of Occupational Therapy, May 16.
- Sanford, J.A. (2000). Access to Sports Events: Seating Issues in Ballparks. In *Take me out to the Ballpark*, symposium presentation at the 31st Annual Conference of the Environmental Design Research Association, May 10.
- Sanford, J.A. and Carrington, T. (2000). *Development of an Assessment Instrument to Evaluate the Effects of Environmental Interventions on Toilet Transfer*. Poster presentation at the 46th Annual Meeting of the American Society on Aging, Orlando, FL, March 24-28.
- Sanford, J.A. (2000). *Continence Care Begins at Home: The impact of environmental design on toileting behavior*. Invited presentation at Geriatric Grands Rounds, U of FL/Gainesville VA, Jan 14.
- Sanford, J.A. and Echt, K. (1999). *Impact of Fixture Design on Bathing Among Older Adults with Mobility Limitations*. Poster presentation at the Fifty- second Annual Scientific Meeting of the Gerontological Society of America, San Francisco, November 22.
- Sanford, J.A. (1999). *Development of an Assessment Protocol to Identify Home Modification Needs*. Paper presentation at the International Conference on Aging, Arlington, VA, Dec. 2-4.
- Sanford, J.A. (1999). *The Who, What, Where, and Why of Home Modification Assessment Protocols*. Pre-Conference presentation at the International Conference on Aging, Arlington, VA, Dec. 2-4.
- Sanford, J.A. (1999). *Environmental Modifications for Aging in Place with a Vision Impairment*. Paper presented at the Vision 99 Conference, New York, NY, July 12-16.
- Sanford, J.A. and Echt, K. (1999). *Debunking ADA Accessibility Guidelines (I): Designs that facilitate independent toilet transfers by older people with mobility limitations*. Paper presented at the 45th Annual Meeting of the American Society on Aging, Orlando, FL, March 4-7.
- Sanford, J.A. and Echt, K. (1999). *Debunking ADA Accessibility Guidelines (II): Accessible bathing fixtures for older individuals with mobility limitations*. Paper presented at the 45th Annual Meeting of the American Society on Aging, Orlando, FL, March 4-7.
- Sanford, J.A. and Echt, K. (1998). *Impact of Toilet/Grab Bar Configurations on Transfer Among Older Adults*. Poster presentation at the Fifty- first Annual Scientific Meeting of the Gerontological Society of America, Philadelphia, PA, November 22.
- Sanford, J.A. and Malassigné, P. (1998). *Design of New Toilet Inserts to Meet the Needs of Older Veterans*. Poster presentation at the *1st VA Rehabilitation R&D Meeting*, Washington, D.C., October 1-3,.
- Sanford, J.A. and Connell, B.R. (1998). *Behavioral Considerations in the Design of Secure Outdoor Space for Nursing Home Residents with Dementia*. Paper presentation at the 44th Annual Meeting of the American Society on Aging, San Francisco, March 27.
- Grant, C., Wineman, J., Connell, B.R., Sanford, J.A., and Calkins, M. (1998). *Therapeutic gardens and courtyard spaces in long term care settings*. EDRA 29, the Twenty-ninth Annual Conference of the Environmental Design Research Association, St. Louis, MO, March 5.
- Morris, A.L., Connell, B.R., and Sanford, J.A. (1998). *Changing needs, changing homes: Adapting your home to fit you*. EDRA 29, the Twenty-ninth Annual Conference of the Environmental Design Research Association, St. Louis, MO, March 6.
- Sanford, J.A. (1998). *Continence Care and the Impact of Bathroom Design*. Invited presentation, Emory University School of Medicine Continuing Education Course, Sept. 25-26.
- Connell, B.R., Sanford, J.A., Megrew, M.B. (1997). *Evaluation of Environmental Interventions for Exiting Behavior of Dementia Patients*. Poster presentation at the Fiftieth Annual Scientific Meeting of the Gerontological Society of America, Washington, D.C., November 16.

- Connell, B.R., Sanford, J.A., Megrew, M.B. (1997). *Designing outpatient clinics responsive to patient and health care system needs*. Paper presentation at EDRA 28, the Twenty-eighth Annual Conference of the Environmental Design Research Association, Montreal, CA, May 11.
- Sanford, J.A. and Megrew, M.B. (1997). *Effectiveness of Toilet Grab Bars for Older Adults*. Plenary paper at American Geriatrics Society Annual Conference, Atlanta, GA., May 9.
- Sanford, J.A., Story, M.L., Jones, M.L. (1997). *Impact of Ramp Slope on Older Individuals with Disabilities*. Paper presentation at Forty-third annual conference of the American Society on Aging, Nashville, TN, March 24-26.
- Sanford, J.A., Story, M.L., Jones, M.L. (1996). *Effects of Ramp Slope on Older Individuals with Mobility Impairments*. Poster presentation at the Forty-ninth Annual Scientific Meeting of the Gerontological Society of America, Washington, D.C., November 18.
- Connell, B.R., Sanford, J.A., Megrew, M.B., and Thesing, S.A. (1996). *Incorporating research into renovation plans in long term care facilities*. Paper presentation at EDRA 27, the Twenty-seventh Annual Conference of the Environmental Design Research Association, Salt Lake City, UT, June 12-16.
- Connell, B.R., Sanford, J.A., Jones, M.L., Mace, R., Mueller, J., Mullick, A., Ostroff, E., Steinfeld, E., Story, M.F., and Vanderheiden, G. (1996). *Principles of universal design*. Paper presentation at EDRA 27, the Twenty-seventh Annual Conference of the Environmental Design Research Association, Salt Lake City, UT, June 12-16.
- Sanford, J.A., Story, M.F., Jones, M.L. (1996). *Accessibility requirements for ramp slope: Results of human subjects testing*. Paper presentation at RESNA '96, Annual conference of the Rehabilitation Engineering Society of North America, Salt Lake City, UT, June 7-12.
- Connell, B.R., Jones, M.L., Mace, R., Mueller, J., Mullick, A., Ostroff, E., Sanford, J.A., Steinfeld, E., Story, M.F., and Vanderheiden, G. (1996). *Development and validation of principles of universal design*. Paper presentation at Annual conference of the Rehabilitation Engineering Society of North America, Salt Lake City, UT, June 7-12.
- Sanford, J.A. (1996). *Aging in Place with a Vision Impairment*. Presentation in, and organizer of seminar: Vision and Aging, for Georgia Consortium on Aging, March 29.
- Connell, B.R. and Sanford, J.A. (1996). *User considerations in planning renovations in long term care facilities*. Paper presentation at the Twenty-seventh Annual Conference of the Environmental Design Research Association, June 12-16.
- Sanford, J.A. (1996). *Helpful products and accessible homes. Staying put, A home modification success story*. Tools and Designs for Lifelong Independence II, preconference sponsored by the American Society on Aging, Anaheim, March 15.
- Connell, B.R., Calkins, M., and Sanford, J.A. (1996). *The effects of design on behaviors of residents with dementia: What do we really know?* Presentation at the Forty-second annual conference of the American Society on Aging, Anaheim, CA, March 17.
- Morris, A.L., Connell, B.R., and Sanford, J.A. (1996). *Individualizing home modifications*. Presentation at the Forty-second annual conference of the American Society on Aging, Anaheim, CA, March 18.
- Sanford, J.A. and Megrew, M.B. (1995). *Evaluation of New Toilet Designs for Older People*. Poster presented at the Forty-eighth Annual Scientific Meeting of the Gerontological Society of America, Los Angeles, November 18.
- Connell, B.R., Sanford, J.A. and Thesing, S.A., (1995). *Incorporating Research in Renovation Plans for Three Long-Term Care Facilities*. Poster presented at the Forty-eighth Annual Scientific Meeting of the Gerontological Society of America, Los Angeles, November 17.
- Connell, B.R., Calkins, M., and Sanford, J.A. (1995). *Evaluating the Effectiveness of Behaviorally-Relevant Design Innovations*. Presentation at the Fourth National Alzheimer's Disease Education Conference, Chicago, IL, July 23.



- Morris, A.L., Connell, B.R., and Sanford, J.A. (1995). *In Home Capability and Environmental Assessment: What is it? Who does it? Where do I go for help?* ASA Summer Series on Aging, Atlanta, GA, June 27.
- Morris, A.L., Connell, B.R., and Sanford, J.A. (1995). *In Home Assistive Technology and Environmental Modification: A How-To Guide.* ASA Summer Series on Aging, Atlanta, GA, June 27.
- Sanford, J. (1995). Invited panelist in *Staying On: Community Programs Promote Home Modifications* at Designing Supportive Communities for Successful Aging, Pre-White House Conference on Aging Symposium, Denver, April 7.
- Sanford, J.A. (1995). *Practical Applications of Environmental Design in Housing for Older Adults with Disabilities.* Invited presentation in Tools and Designs for Lifelong Independence, ASA PreWhite House Conference on Aging, March 10-11.
- Sanford, J. A. and Connell, B.R. (1995). *Post-Occupancy Evaluations of Assembly Areas in Seventeen Sports and Performing Arts Facilities.* Paper presented at the Twenty-sixth Annual Conference of the Environmental Design Research Association, March 1-5.
- Calkins, M., Connell, B.R., Norris-Baker, L., Sanford, J. A. (1995). *Advances in Assessing Long-Term Care Environments.* Workshop at the Twenty-sixth Annual Conference of the Environmental Design Research Association, March 1-5.
- Connell, B.R. and Sanford, J. A. (1995). *Evaluating Mobile Homes as an Affordable Accessible Housing Option for Individuals with Disabilities.* Paper presented at the Twenty-sixth Annual Conference of the Environmental Design Research Association, March 1-5.
- Sanford, J.A. and Megrew, M.B. (1994). *Applicability of Accessibility Codes to Meet the Needs of Elderly People.* Poster presentation at the Forty-seventh Annual Scientific Meeting of the Gerontological Society of America, Atlanta, November 18-22.
- Connell, B.R. and Sanford, J.A. and Megrew, M.B. (1994). *Design Considerations in Establishing a Psychogeriatric Unit within Long-Term Care Settings.* Poster presentation at the Forty-seventh Annual Scientific Meeting of the Gerontological Society of America, Atlanta, November 18-22.
- Sanford, J.A. (1994). *Evaluating Environmental Accessibility Using Simulation Techniques.* Paper presentation in Symposium on Advances in Assessing Long-Term Care Environments for Frail and Impaired Elderly at the Forty-seventh Annual Scientific Meeting of the Gerontological Society of America, Atlanta, November 18-22.
- Connell, B.R., Long, R.G., and Sanford, J.A. (1994). *Patterns of Non-Adoption of Home Modifications Among Elders with Mobility Impairments.* Paper presented in Promoting Housing Independence Through Housing Accessibility Symposium, Forty-seventh Annual Scientific Meeting of the Gerontological Society of America, Atlanta, November 18-22.
- Connell, B.R., Strasser, D., Megrew, M.B., Sanford, J.A., Archea, C., and Boyette, J. (1994). *Using Video Technology in Studies of Naturally-Occurring Behavior in Long-Term Care Settings.* Workshop presented at the Forty-seventh Annual Scientific Meeting of the Gerontological Society of America, Atlanta, November 18-22.
- Sanford, J.A. (1994). *Design research for older adults -- implications for the design of long-term care facilities for people with dementia.* Invited presentation at the Seventh Symposium on Healthcare Design, NY, November 17.
- Sanford, J.A. (1994). *Aging in Place with a Disability.* Invited lecture at Western Michigan University, July 15.
- Sanford, J.A. and Megrew, M.B. (1994). *Applicability of Grab Bar Standards to Meet the Needs of Older People.* Paper presentation at RESNA '94, Annual Conference of the Rehabilitation Engineering Society of North America, Nashville, TN, June 17-22.

- Connell, B.R., Sanford, J.A., Moore, R., Bostrom, J.A., and Ostroff, E. (1994). *Accessibility Standards for Children's Environments*. Paper presentation at RESNA '94, Annual Conference of the Rehabilitation Engineering Society of North America, Nashville, TN, June 17-22.
- Sanford, J.A. and Connell, B.R. (1994). *Shifting from Accessible Housing to Universally Designed Housing Paradigms: Methodological Implications for Measuring Handicapping Environments*. Paper presentation at Conference on Handicapping Environments, SUNY Buffalo, June 2-3.
- Connell, B.R. and Sanford, J.A. (1994). *Ameliorating Falls Among Elderly Individuals*. Paper presented at the Third National VA Nursing Research Conference, San Antonio, TX, June 9.
- Sanford, J.A. and Connell, B.R. (1994). *Environmental Considerations for Aging in Place with a Visual Impairment*. Invited presentation at International Conference on Aging and Visual Impairment Conference, Atlanta, GA, April 5-7.
- Connell, B.R., Sanford, J.A., Rains, V., and Manak, L. (1994). *Design Considerations in Establishing a Psychogeriatric Unit within a Long Term Care Facility*. Workshop presented at the Fortieth Annual Conference of the American Society on Aging, San Francisco, March 19-24.
- Sanford, J.A., Connell, B.R., and Long, R.G. (1994). *Home Modifications and Task Performance by Older Mobility Impaired Persons*. Paper presented at the Fortieth Annual Conference of the American Society on Aging, San Francisco, March 19-24.
- Sanford, J.A. (1994). *Role of Housing Environments in Opportunities for Aging in Place*. Symposium presentation at the Twenty-Fifth Annual Meeting of the Environmental Design Research Association, March 16-20.
- Sanford, J.A. and Malassigné, P. (1994). *Design of New Toilet Prototypes for Elderly and Disabled Veterans*. Poster presented at the Twenty-Fifth Annual Meeting of the Environmental Design Research Association, March 16-20.
- Connell, B.R., Sanford, J.A., Megrew, M.B., Kish, L.N., and Thesing, S.A. (1994). *Design Considerations in Establishing a Psychogeriatric Unit in a Long Term Care Facility*. Poster presented at the Twenty-Fifth Annual Meeting of the Environmental Design Research Association, March 16-20.
- Connell, B.R., Sanford, J.A., and Long, R.G., (1993). *Relative Importance of Specific Home Modifications for Ease and Independence in Routine Household Activities*. Symposium paper in "Role of Housing Environments in Opportunities for Aging in Place," Forty-sixth Annual Scientific Meeting of Gerontological Society of America, New Orleans, LA, November 19-23.
- Connell, B.R. and Sanford, J.A., (1993). *Design Considerations in Controlling Elopement Among Individuals with Dementia in Long Term Care Facilities*. Continuing education course at Tenth Annual Sanders-Brown Center Summer Series on Aging, University of Kentucky, Lexington, KY, July 15.
- Sanford, J.A., Connell, B.R., and Mace, R. (1993). *Designing Affordable Elder Housing for Aging in Place: Is Meeting Regulatory Requirements Sufficient?* Lecture at The Seniors' Housing Market: Opportunities and Challenges, Wake County Eldercare Coalition, Raleigh, NC, May 13.
- Connell, B.R. and Sanford, J.A. (1993). *Architecturally-Based Opportunities for Elopement and Elopement Control in SNFs*. Symposium paper in "Impact of the Environment on Quality of Life of Older People: Institutional and Long-Term Care Settings," Twenty-fourth Annual Environmental Design Research Association Conference, Chicago, IL, March 30 - April 4.
- Sanford, J.A. and Connell, B.R. (1993). *Housing Design and Household Activity Performance by Older Persons with Disabilities*. Invited lecture, School of Architecture, University of Wisconsin Milwaukee, January 28.
- Sanford, J.A. (1993). *Aging and the Environment: Visual Opportunities for Monitoring Elopement in Long Term Care Facilities*. Lecture at the Georgia Consortium on Psychology of Aging, Wesley Woods Geriatric Center, Atlanta, GA, December, 2.

- Connell, B.R. and Sanford, J.A. (1992). *Architecturally-Based Opportunities for Elopement*. Symposium paper in "Impact of the Environment on Quality of Life of Older People: Institutional and Long-Term Care Settings." Forty-fifth Annual Scientific Meeting of the Gerontological Society of America, Washington D.C., November 21.
- Connell, B.R. and Sanford, J.A. (1992). *Contextual Issues in Developing Interventions to Control Elopement in Skilled Nursing Facilities*." Poster presentation at the Twenty-third Annual Environmental Design Research Association Conference, Denver, CO, April 9-12.
- Connell, B.R. and Sanford, J.A. (1991). *Alternatives to Restraint Use from a Study of Elopement Incidents in Skilled Nursing Facilities*. Symposium paper in "The Restraint Dilemma in Nursing Homes: Perspectives on Research and Practice," Forty-fourth Annual Scientific Meeting of the Gerontological Society of America, San Francisco, CA, November 24.
- Sanford, J.A. (1991). *Transgenerational and Disability Design in Housing*. Invited presentation at 1991 IDSA Southern District Conference, Helen, GA, April 18-20.
- Sanford, J.A., Connell, B.R., and Long, R.G. (1991). *Housing Design and Disability: The Relationship Between Typical Design Features and Performance of Routine Activities*, Paper presented at the Twenty-second Annual Environmental Design Research Association Conference, Oaxtepec, Mexico, March 12-15.
- Connell, B.R. and Sanford, J.A. (1991). *Architectural Contributions to Elopement Opportunities in Long Term Care Facilities for Older People*. Workshop at the Twenty-second Annual Conference of the Environmental Design Research Association, Oaxtepec, Mexico, March 12.
- Connell, B.R. and Sanford, J.A. (1991). *Developing Effective Interventions to Control Elopement Among Dementia Patients in Skilled Nursing Facilities*. Poster presentation at "Engineering Design for an Aging Society: Current Issues and Future Prospects," Second Annual Stein Conference, Philadelphia, PA, October.
- Connell, B.R. and Sanford, J.A. (1990). *Characteristics of Nursing Homes that Increase the Risk of Elopement by Patients*. Inservice presentation at VA Medical Center, Salisbury, NC, December 7.
- Sanford, J.A. and Connell, B.R. (1990). *Housing Needs of Older People to Facilitate Independence and Safety*. Symposium paper presented at Forty-third Scientific Meeting of the Gerontological Society of America, Boston, MA, Nov. 16-20.
- Connell, B.R. and Sanford, J.A. (1990). *Modifying the Home Environment to Enhance Independence*. Invited workshop at Challenge to Independence Conference, sponsored by Helen Keller National Center, Dallas, TX, November 1-3.
- Sanford, J.A. (1988). *Wayfinding and Safety of Visually Impaired Persons*. Invited presentation at Wayfinding Workshop sponsored by Public Works, Canada, March 16-17.
- Sanford, J.A. and Steinfeld, E. (1988). *Designing for Orientation and Safety*. Invited paper, Annual Research Conference of the AIA/ACSA Council on Research, Boston, Mass., Nov. 18-20.
- Feurstein, M., Steinfeld, E., Sanford, J.A., and Shiro, G. (1987). *Hands on Architecture*. Paper presented at Eighteenth Annual Environmental Design Research Association Conference, Ottawa, Canada, May 29-June 2.
- Steinfeld, E., Richmond, G., and Sanford, J.A. (1986). *Detectable Tactile Surface Treatments*. Paper presented at Seventeenth Annual Environmental Design Research Association Conference, Atlanta, GA, April 9-13.
- Sanford, J.A. (1985). *Modifying the Designed Environment to Accommodate Elderly and Handicapped People*. Symposium paper at the Sixteenth Annual Environmental Design Research Association Conference, New York, NY, June 10.
- Sanford, J.A. (1985). *Designing for Orientation and Safety*. Paper presented at International Conference for Building Use and Safety Technology, Los Angeles, CA, March 12-14.

## COURSES DEVELOPED

*Advanced Universal Design: Investigations in the Built Environment, ID 8900; Arch 8843*

*Advanced Universal Design* is a graduate course that focuses on the basic issues that create the biggest impact on usability of the physical environment - the interaction between human ability (and dis-ability) and the design of places, products and systems. This is a research-oriented, project-based, 3 credit hour course where graduate students will analyze usability problems at all scales of design, acquire evidence to solve those problems and apply the evidence to new design solutions for all individuals, regardless of ability. Students will be expected to engage people with a variety of abilities of disabilities to develop an understanding of the range of human ability and dis-ability; and to apply that knowledge to the principles of universal design to solve usability problems in industrial design, architecture, landscape architecture, urban design, graphic design, interior design and interface design for people with all abilities.

*Introduction to Universal Design in the Built Environment, ID 4843; Arch 8843*

*Intro to Universal Design* is an undergraduate course that focuses on the basic issues that create the biggest impact on usability of the physical environment - the interaction between human ability (and dis-ability) and the design of places, products and systems. This is a project-based, 3 credit hour field research and design course for undergraduate students to learn how to design for all individuals, regardless of ability. The focus is on the usability of spaces, buildings, objects, and interfaces based on human ability. The student will develop an understanding of human ability and its importance in defining both disability and usability. The student will also learn how to apply this knowledge to industrial design, architecture, landscape architecture, urban design, graphic design, interior design and interface design through the principles of universal design.

*Design for Healthy Aging in the Community, ID 4833/8900; Arch 4803/8803*

*Design for Healthy Aging* is a project-oriented, field-based design course for undergraduate and graduate students to learn how to identify housing needs of older adults with functional limitations and to determine home modifications to meet those needs. Design students will work with CATEA occupational therapists to conduct site visits in homes of older adults as part of the home assessment program sponsored by the Georgia Naturally Occurring Retirement Communities (NORC) Initiative. With the assistance of the occupational therapist (OT), students will: perform home assessments to identify assistive technology, product or modification needs of the resident; develop a home modification plan to meet those needs; and produce written reports that can be used by the GA NORC program to provide products and modifications that will enable older adults to age successfully in their communities.

*Universal Design Investigations and Applications: Enigma Voting Machines, ID 8900*

This course provides an advanced level to universal design focusing on real world applications of universal design on the usability of products and technologies for all individuals. Historically, increasing voting accessibility has been implemented through legislation and standards, such as the Americans with Disabilities Act. These mechanisms typically produce a set of design requirements that create constraints, but do not communicate a design vision. *Universal Design Investigations and Applications: Enigma Voting Machines* utilizes both universal design and interaction design to create that vision. This is a research-oriented, project-based, 3 credit hour course where students will focus on the analysis of usability problems. The course emphasized the acquisition of evidence-based methods to identify, understand, develop and substantiate new design solutions for all individuals, regardless of ability. Students engage people with a variety of abilities to develop an understanding of the range of human ability and disability; and to apply that knowledge to the principles of universal design to solve usability problems with voting technologies. Specifically, students undertake a rigorous evaluation of the barriers and facilitators to the design of voting machines; analyze current voting technologies to determine where current technology fails to meet users' needs; identify new universal design solutions that will meet the needs of all users, including voters and election officials; and to integrate these changes into the design of a single system for all voters.

## COURSES TAUGHT

<u>Semester</u>	<u>Course</u>	<u># Students</u>
Spring, 2005*	Master's Project, ID 6400	14
Fall, 2008**	Master's Thesis, ID 7000	12
Spring, 2009**	Master's Thesis, ID 7000	12
Spring, 2009	Universal Design, Arch 8832/4832	12
Spring, 2009***	Contextured Fabricates, Arch 8803/4803	12
Sum, 2009	Design for Healthy Aging, ID 4803/8900; COA 4803/8823	12
Fall, 2009	Universal Design, ID 4843/8900; Arch 8832/4832	18
Fall, 2009	Special Problems, Arch 8903 (M. Arch. Thesis)	01
Spring 2010	Design for Healthy Aging, ID 4833/8900; Arch 4803/8803	01
Spring, 2010	Special Problems, Arch 8903 (M. Arch. Thesis)	01
Spring, 2010	Special Problems, COA 8903 (PhD Indep. Study)	01
Fall, 2010	Universal Design, ID 4843/8900; Arch 4843/8843	21
Fall, 2010	Special Problems, ID 4843 (MID Indep. Study)	01
Spring 2011	Design for Healthy Aging, ID 4833/8900; Arch 4803/8803	10
Spring, 2011	Special Problems, COA 8903 (PhD Indep. Study)	01
Fall, 2011	Universal Design, ID 4210/6800; Arch 4843/8843	09
Spring, 2012	Universal Design: Enigma Voting Machines, ID8900	03
*co-taught with Randy Bernard (teacher of record)		
**co-taught with A. Mullick (teacher of record)		
***co-taught with C. Winegarden (teacher of record)		

## PHD DISSERTATION AND MASTER'S THESES COMPLETED

Camillo Vargas (MID), Spring 2008, "Universal Checkstand"

Xiaoyi Ye (MID), Spring 2008, "CNC Machine Design for Wheelchair Users"

Corey Schulman (MID), Spring 2009, "Barriers and Facilitators in the Use of Medicine Containers by Older Adults With Hand Impairments"

Josh Tuminella (MID), Spring 2009, "Design for Personalization through Use"

Ted Ulrich (MID), Spring 2009, "Development of a Tangible Display and Metric for Qualitative Human to Human Electronic Communications"

Joi Ricks (M.Arch), Summer 2010, "Sustaining the Lifelong Community through Universal Design"

Natasha Powell (MID), Summer 2010, "Supporting the Design Process of Distributed and Co-located Multidisciplinary Design Teams by Facilitating Misunderstanding Resolution and through TAG and Thumbnail-based organization of design Documents"

## PHD DISSERTATION AND MASTER'S IN PROCESS

Seunghyun Lee (PhD Arch), expected Spring 2012, "Technologies to Improve Communication in Co-Design of Assistive Technologies"

Ran Zhou (MID), expected Spring, 2012, "Design of a Tub Transfer Bench for Older Adults"

Wanlin Xiang (MID), expected Spring 2012, "Design of Grab Bars to Facilitate Toilet Transfer in Older Adults"

Shane Lowe (Electrical and Electronic Engineering), NUI Galway, Ireland; "The Evolution of Functional Assessment of Older Adults," graduation Fall, 2011

Qiqian He (MID), expected Spring 2012, "Evaluation of new kiosk interface prototype designed for the disabled public in using Gatech CoA Library's physical facilities."

Siyin Lu (MID), expected Spring 2012, "Universal Design of a Medication Management System"