

Home Address

Dr. Arvid E. Osterberg
930 Ash Avenue
Ames, Iowa 50014-7828
arvido9@gmail.com

University Address

Dr. Arvid E. Osterberg, University Professor
Department of Architecture, 493 College of Design
Iowa State University, Ames, Iowa 50011
arvido@iastate.edu

Awards and Honors

Ames Humanitarian Award, presented by the Ames Human Relations Commission for promoting inclusiveness, fairness and equality for everyone in the Ames community (2015)
Appointed University Professor at Iowa State University, in recognition of outstanding university citizenship and service to Iowa State University and the public it serves (2014)
Ames Historic Preservation Commission Award for Significant Achievement, for promoting the preservation of the Ames Depot and increasing public awareness of historic preservation (1991)
Live interview on ABC's "Good Morning America" when the Osterberg residence design was selected and featured as one of five "Dream Homes" in the United States (1988)
Iowa Energy Policy Council Award for the Osterberg residence design for being an outstanding energy efficient design and the first major solar retrofit in the state of Iowa (1982)

Degrees

Doctor of Architecture (and Certificate in Gerontology), University of Michigan, Ann Arbor (1980)
Master of Architecture, University of Illinois, Champaign-Urbana (1972)
Bachelor of Architecture, University of Illinois, Champaign-Urbana (1969)

Registration

Licensed Architect, State of Illinois (1972-present)

Professional Societies (*past and/or current individual memberships*)

National Trust for Historic Preservation
Frank Lloyd Wright Foundation
Association of Preservation Technology
Iowa Preservation Alliance
Nebraska Historical Society
Colorado Historical Society
Society for Commercial Archeology
Gerontological Society
American Society on Aging
American Association of Housing Educators
Environmental Design Research Association
American Solar Energy Society
Iowa Program for Assistive Technology (Environmental Work Group)
Iowa Wind Energy Association
National Conference of States On Building Codes and Standards
United States Section of the International Solar Energy Society

Academic Positions at Iowa State University

University Professor (50% B-base 9 month appointment) (2017-present)
University Professor (100% B-base 9 month appointment) (2014-2017)
Professor (with tenure) (100% B-base 9 month appointment) (1995-2014)
Associate Professor with tenure (100% B-base 9 month appointment) (1981-1995)
Assistant Professor (100% B-base 9 month appointment) (1977-1981)

Co-Founder, Preservation and Cultural Heritage Program (2017)
Professor in Charge, Architecture Technology Laboratory (1995-2007)

Professor in Charge, Master of Science in Architecture Studies Program (1995-2009)
Graduate Minor in Gerontology, Program Coordinator (1992-1996) (an interdisciplinary minor)
Faculty Member in Graduate Minor in Gerontology (1982-present)
Faculty Member in Graduate Minor in Housing (1984-2001) (minor ended 2001)
Faculty Member in Graduate Minor in Energy Systems Engineering (1985-1991)(minor ended 1991)
Full Member of Graduate Faculty (1988-present)
Associate Member of the Graduate Faculty (1979-1988)

Previous Academic Positions

The University of Michigan, Ann Arbor
Lecturer, College of Architecture and Urban Planning,
and (concurrently) Research Associate, Institute of Gerontology (1974-1977)

The University of Illinois, Urbana/Champaign
Lecturer in Graduate Program, Department of Architecture, and (concurrently) Research Associate
and Administrative Assistant, Housing Research and Development Program (1972-1974)

Positions in Architectural Firms

C. Edward Ware and Associates, Architects, Rockford, Illinois (1969-1971) (Full architectural services involving the design and construction of churches, residential and commercial buildings)

Office of the University Architect, University of Illinois, Urbana, Illinois (1968-1969)
(design development and working drawings) (one-half time position)

Funded Research

Principal investigator, co-principal investigator, or project investigator in funded interdisciplinary research exceeding one million dollars. Supervised 28 graduate research assistants funded through my research (1982-2018)

Accessibility Design Standards Research; for ISU's Facilities, Planning, and Management (FP&M) including the development of accessibility standards, up-dates to the ISU campus accessibility map, developing ADA training materials, and other related activities funded by FP&M (principal investigator and project director) (1998-2018)

Historic Structure Research; for the Ann Smeltzer Charitable Trust Cultural and Environmental Institute (co- investigator) (2004-2006)

Awarded a Faculty Improvement Leave from Iowa State University to research "Accessibility and Safety" (spring semester, 2000)

"Iowa Access Project 6: On-line Housing and Finance Services" funded by the Iowa Finance Authority, (investigator) (1998)

"ISU Residence Halls Facilities Condition Audit" funded by the ISU "Department of Residence."
A comprehensive review of physical conditions, mechanical systems, aesthetic appeal, and compliance with building and fire codes of 22 residence hall buildings. (co-principal investigator) (1995-1997)

"ISU/ADA (Americans with Disabilities Act) Residence Halls Project" regarding compliance of Residence Halls, funded by the "Department of Residence" at ISU (principal investigator) (1994-1996)

"Universal Design Education Project," for curriculum development, funded by Adaptive Environments and the National Center for Access Unlimited (co-investigator) (1993-1995)

"ISU/ADA (Americans with Disabilities Act) Project" regarding compliance of the ISU campus, funded by "Facilities Planning and Management" at Iowa State University (principal investigator) (1993-1995)

"Quantifying Energy Savings of an Active, Smart Windows," (Phase One) funded by The Iowa Energy Center, Pella Corporation, The Center for Advanced Technology Development, and The Microelectronics Research (co-investigator) (1993-1994)

"Study in a Second Discipline," research on bio-mechanics and the dynamics of falling as related to safety of the built environment, funded by the Provost's office at ISU in the form of release time from teaching (spring semester of 1994)

"Coordinated Transit in an Era of the ADA," co-funded by a grant from Metro Link and the Midwest Transportation Center (co-investigator) (1991)

"Research Center for the Advancement of Building Technologies," funded by a grant from the National Science Foundation & the U.S. Department of Energy (lead investigator) (1982-1983)

"Documenting Resident Satisfaction Levels as they Relate to Design Variables: A Case Study of Northcrest Retirement Community," partial funding from the Design Research Institute, Iowa State University (principal investigator) (1981)

"The Elimination of Environmental Barriers in Educational Facilities through Universal Design," funded by a grant to "Barrier Free Resources," Iowa City, Iowa, by the U.S. Department of Education (research and collaboration with the principal investigators) (1989-1990)

Publication Summary

Publications include: 3 books - 'Dream House, on the prairie,' 'We All Fall Down,' and three editions of 'Access for Everyone,' 1 co-edited book, 2 book chapters, 17 refereed publications, 6 research reports, 35 technical reports, 8 invited book reviews, 4 invited publications, 4 extension publications, and 27 papers presented at state, regional, national or international conferences, 10 published interviews, and 1 national videoconference presentation.

Publications relating to the subjects of safety and falls, inclusive design, and accessibility are listed below. Publications on the subjects of passive solar design, wind energy, building energy performance, energy conservation, and teaching pedagogy are not listed.

Books

'Dream House, on the prairie' by Arvid Osterberg, published by Culicidae Press, 2022 ISBN 987-1-68315-040-4 (paperback edition). Available in hard cover, paperback, large print, and Kindle versions.

'We All Fall Down, staying vertical in a hazardous world,' by Arvid Osterberg, published by Culicidae Press, 2021 ISBN 987-1-68315-028-2 (paperback edition). Available in hard cover, paperback, large print, and Kindle versions.

'Access for Everyone, A Guide to the Accessibility of Buildings and Sites with references to ADASAD,' Third Edition, by Dr. Arvid E. Osterberg, published by Facilities Planning & Management, Iowa State University, 2010 ISBN 978-0-9726480-3-8

'Access for Everyone' is being used nation-wide by architects, landscape architects, planners, interior designers, building code officials, and main street coordinators.

A digital version of 'Access for Everyone' was published in 2017. To obtain a free copy, go to https://www.fpm.iastate.edu/accessforeveryone/pdf/afe_2010_third_edition.pdf

Book Chapters

Chapter 6, "Using Awareness Levels Across Design Disciplines," in "Strategies for Teaching Universal Design," Edited by Polly Welch, Adaptive Environments Center, 1995 (with others)

"Evaluating Design Innovations in an Extended Care Facility," Chapter 16 in "Housing the Aged; Design Directives and Policy Considerations," Victor Regnier and Jon Pynoos, Editors, Elsevier, New York (1987)

Refereed Publications

"Accessibility on Main Street, Guidelines for Making Your Small Business Accessible," with Mary Yearns and Judy Galluzo, in "Universal Design, Creative Solutions to ADA Compliance," Roberta Null and Kenneth Cherry, editors, Professional Publications, Inc. (1996)

"Universal Design: The Users' Perspective," by Arvid E. Osterberg, Anne Marie Davis, and Lola Danielson, in "Housing and Society," Journal of the American Association of Housing Educators Volume 22, No. 1 & 2 (1995)

Books Edited

"Design Research Interactions," proceedings of the Twelfth International Conference of the Environmental Design Research Association. Arvid E. Osterberg, Carole P. Tiernan and Robert A. Findlay, Editors (462 pages) (1981)

Book Reviews for Publishers

Review of book proposal: Old for New: "Designing Homes for Seniors," for the publisher, Architectural Press, Elsevier Limited, 2003

Review of book proposal: Old for New: "Designing Dementia-Friendly Outdoor Environments," for the publisher, Architectural Press, Elsevier Limited, 2003

Pre-publication review of "University-Linked Retirement Communities; Student Visions of Eldercare," edited by Leon A. Pastalan and Benyamin Schwarz, The Haworth Press, Inc., New York, (1994)

Extension Publications

"Accessibility in Iowa's Public Buildings, Preservation and Accessibility Issues," an Institute for Design Research and Outreach publication, Arvid Osterberg, Accessibility Consultant, (consulted with author and reviewed and critiqued publication) (1996)

"Accessible Design in Community Based Outdoor Recreation Areas," by Barbara A. Mitchell, an Institute for Design Research and Outreach publication, Arvid Osterberg, Accessibility Consultant, (consulted with author and reviewed and critiqued publication) (1995)

"Accessibility on Main Street, Guidelines for Making Your Small Business Accessible," University Extension, Iowa State University, by Mary Yearns, Arvid Osterberg, and Judy Galluzo (1995)

Carnegie Libraries: Making Decisions About Space, Access, and Preservation," an Iowa State Community Design Publication by the College of Design, Robert Findlay and Kevin Zanberg, authors and illustrators, Arvid Osterberg, ADA Specialist (consulted with authors, participated in workshop, and reviewed and critiqued publication) (1995)

Paper Presentations at State, Regional, National or International Conferences (selected listing)

Presented 'We All Fall Down: Identifying and Eliminating Falling Hazards' at the National ADA Symposium in Kansas City, MO, (May 22, 2023)

Presented 'Inclusive Design: Why It Is Needed' at the National ADA Symposium in Kansas City, MO, (May 24, 2023)

Presented 'Reducing Falls and Reducing Injuries from Falls' to attorneys from various states, at 'Guide One Insurance' headquarters in West Des Moines Iowa on (October, 2022)

Presented 'ADA Standards and Inclusive Design' to landscape architects, engineers, and design professionals at 'Civil Design Advantage' in Urbandale, Iowa (September, 2022)

Co-presented "Historic Preservation and Universal Design: Venturing Beyond Accessibility" (a 3 and ½ hour session) at the National ADA Symposium in Dallas, Texas (June, 2019)

Co-presented "Looking Beyond Codes and Regulations: What's Working in Accessible Design" (a 7 hour session) at a special Iowa AIA Continuing Education event in Des Moines (October, 2019)

Presented a two hour training session entitled "Inclusive Design: Beyond the ADA" at the National ADA Symposium in Denver, Colorado (2016)

Presented a session entitled "The Americans with Disabilities Act (ADA and Historic Preservation: A Balancing Act" at the "Iowa Preservation Summit" in Davenport, Iowa (2016)

Co-presenter at The Alliance for the Arts in Research Universities (a2ru) National Conference, Ames (2014)

Paper presentation entitled "Accommodations for the workplace over the lifespan" at the Iowa Governor's Safety & Health Conference" in Altoona, Iowa. (November, 2012)

Presentation at the International Interior Design Association (IIDA), Wisconsin Chapter, Conference in Madison (included descriptions of the new additions and changes to the ADASAD, as well as examples of excellence in inclusive design) (May, 2012)

Paper presentation (topic, ADA Design for Urban Roadways) at the 2008 American Society of Civil Engineers (ASCE) Transportation Conference held at ISU. (November, 2008)

"The Perils of Not Following the Underlying Spirit and Intent of the American's with Disabilities Act in the Planning and Design of New and Altered Buildings and Sites" at the "Multiple Perspectives on Access, Inclusion and Disability: Rights, Responsibilities, and Social Change" conference at Ohio State University, Columbus, Ohio (April, 2007)

Principle speaker on the subject of "Universal Design" at the "Illinois-Iowa AHEAD Round Table" in Ames, Iowa (March, 2007)

"Employing Preferred Standards Based on Common Sense and Universal Design Principles" at the "International Symposium entitled Universal Design and Visitability: From Accessibility to Zoning" in Columbus, Ohio (July, 2006)

Principle speaker on the subject of "Universal Design" at the annual "Human Rights Symposium" in Des Moines, Iowa (April, 2006)

Presented a "Poster Display" at the "National ADA Symposium 2005" sponsored by the ADA Project, in Kansas City, Missouri (May, 2005)

"ADAAG Overview" at the "National ADA Symposium 2004" sponsored by the ADA Project, in Kansas City, Missouri (June, 2004)

"ADAAG Overview" and "Advanced Design Track" at the "National ADA Symposium 2003" sponsored by the ADA Project, in Kansas City, Missouri (June, 2003)

"Design for Accessibility" at the "National ADA Symposium 2002" sponsored by three ADA Technical Assistance Centers, in Kansas City, Missouri (May, 2002)

"Accessibility Requirements for Historic Structures" at "Historic Preservation, Iowa's Future" sponsored by the Iowa Historic Preservation Alliance, in Sioux City, Iowa (July, 2001)

"Access to the Experience: Making Exhibits, Historic Homes, and Sites Accessible to People with Disabilities" at the American Association for State and Local History Annual Conference, New Orleans (September, 2001)

"Accessibility and Historic Building Interiors" at the Association of University Interior Designers Annual Conference, Ames, Iowa (September, 2001)

"Accessibility in Exhibits and Historic Homes" at the Iowa Museum Association 1999 Annual Conference, Cedar Rapids, Iowa (October, 1999)

"Accessibility in Exhibits and Historic Homes" at a workshop by the same title, sponsored by the Amana Colonies Land Use District, in Amana, Iowa (May, 1999)

"Adapting Historic Buildings and Sites for Accessibility," presented at the "25th International Conference of the Association of Preservation Technology," in Ottawa, Canada (October, 1993)

"Preventing Falls in Housing Environments," presented at the "Annual Conference on the Sociology of Housing," University of Minnesota, Saint Paul (May, 1993)

Invited Participant at the global conference on disabilities held at the United Nations in New York City (January, 1982) The conference followed "The International Year of Disabled Persons" (1981), and helped establish the "World Program of Action Concerning Disabled Persons" (WPA)

Teaching

Current Courses

Arch 571, Design For All People (Fall Semester)

Arch 568, Historic Preservation (Fall Semester)

Past Teaching

Developed 9 new interdisciplinary courses for the Department of Architecture including; "Design for All People," "Historic Preservation," "Preservation, Restoration, and Rehabilitation," "Architectural Photography," "Post Occupancy Evaluation," "Research Methods for Environmental Designers," and "Housing for Specific Groups." Taught special courses, honors and/or short courses on the subjects of; Designing for Alzheimer's Disease and Dementia, Access to Historic Buildings, Design of Play Environments, Energy Conscious Design and Passive Solar Design, and The Future of Small Wind Energy Systems in Iowa

Taught undergraduate and/or graduate architecture design studios 23 times and Design Studies 102, Beginning Design Studio, 13 times

Professor in Charge of the Master of Science in Architecture Studies Program for 14 years, and major professor for 22 graduate students who completed written thesis. I have served on more than 110 graduate and Ph.D. committees for students majoring in 12 different disciplines.

Thesis research, or independent study, or independent study for honors student, taught 100+ times (1981 to present)

Program Coordinator of the Graduate Minor in Gerontology for 4 years (a university interdisciplinary minor), and a faculty member for the Gerontology undergraduate and graduate minor programs for 35+ years

Institutional Service

Served on 13 Department of Architecture Committees, 10 College of Design Committees, 8 University Committees, and various College and University Councils, Boards, and Task Forces

Accessibility plan reviews for ISU

Completed more than 230 accessibility plan reviews of capital projects for new campus buildings, additions, and rehabilitation projects (including consultations, internal reports, and/or memos) for the University Architect and project management staff at Facilities, Planning, and Management. Provided specific recommendations that were shared with ISU project managers, construction managers, architects, landscape architects and interior designers, as well as outside consultants and architectural firms that were contracted by ISU during the projects. (1986-2018)

Training sessions

Organized and presented training sessions on ADA standards, inclusive design, and safety related to falls to; professional organizations, community groups, university groups, state organizations, architects, interior designers, building code officials, and main street coordinators (1995-present)

Conducted annual training sessions regarding accessibility and safety standards for project managers and staff at Facilities, Planning, and Management (FP&M) (2006-present)

Organized and conducted training sessions regarding "ADA standards, safety and falls" for; the "Iowa Association of Code Enforcement" conference (2011), the Iowa Chapter of the American Institute of Architects (2010), the Ames Human Relations Commission (2010), Iowa Architects and Building Code Officials (2009), and Main Street Program Coordinators (2008)

Outreach and Public Service

Conducted accessibility reviews of the historic house museums, housing projects, community centers, churches, and other facilities. Conference coordinator and/or speaker at 19 continuing education programs and 32 additional public venues. Seven radio or television interviews and 19 invited lectures to state and local agencies or public interest groups.

Invited reviewer to review, rate, and recommend research proposals for funding, for the "Administration on Aging," Washington, D.C. (1986 and 1987) (team leader in 1987)

Consulting Activities

Building and site assessments, evaluations, and accessibility reviews regarding; safety issues, compliance with the Americans with Disabilities Act, fire and life safety, building code compliance, physical condition, space utilization, inclusive design standards. Additional consulting includes analysis and/or recommendations for the preservation, restoration, and/or rehabilitation projects. (1980-present)

Conservation Assessments

Completed 26 "Conservation Assessments" (sponsored by Heritage Preservation, Washington, D.C.) including site inspections, accessibility reviews, and written reports for museums in Iowa, Missouri, Kansas, Wisconsin, Ohio, Nebraska, South Dakota, Oklahoma, and Wyoming. Assessments in Iowa included house museums, county museums, and three National Landmarks in Iowa (Terrace Hill, Salisbury House, and Brucemore) (1990-2010)

Accessibility Reviews

Accessibility Review of the Historic Ringland-Smeltzer House in Fort Dodge, Iowa, funded by the Ann Smeltzer Charitable Trust Cultural and Environmental Institute (2004)

Accessibility Review of Woodward Community Center in Woodward, Iowa, funded by the Woodward Community Center (1999-2001)

Accessibility Review of the Legler Barn Museum located in Lenexa, Kansas, funded by the City of Lenexa, Kansas (January, 1999)

Accessibility Review of the Roundhouse Building located in New Providence, Iowa, funded by the USDA (January, 2001)

Analysis and recommendations concerning safety and accessibility issues for Bruce more, a National Trust Historic Site in Cedar Rapids, Iowa (1994-1995)

Conducted accessibility reviews for Atlantic Public Schools, Atlantic, Iowa (1984) Milford School, Nevada, Iowa (1980) and Carroll Community High School, Carroll, Iowa (1979)

Comprehensive Needs Assessments

Completed 7 "Comprehensive Needs Assessments" (sponsored by the US Housing and Urban Development Program) including site inspections, accessibility reviews, and written reports for HUD 202/Section 8 housing projects in Iowa (1996-1997)

Expert Witness Work

Completed more than 500 investigations since 1980 for plaintiff and defense attorneys. Projects analyzed included commercial, business, and residential properties. The majority of investigations related to safety and/or accessibility issues involving injuries from falls. Locations have included; parking lots, walking surfaces, curb ramps, ramps, entrances, doorways, doors, windows, stairways, balconies, guardrails, elevators, moving walkways, and other building and site elements. Investigations not related to falls involved; standards of practice regarding building design and construction, building code compliance, construction industry standards, and/or the failure of building materials and copy-write infringement relating to design.