

EDWARD STEINFELD, Arch.D., AIA

Distinguished SUNY Professor of Architecture, University at Buffalo

Registered Architect, New York State

EDUCATION

Doctorate of Architecture (University of Michigan, 1972)

Master of Architecture (University of Michigan, 1969)

Bachelor of Architecture (Carnegie Mellon University, 1968)

CERTIFICATES AND LICENSES

Registered Architect, New York State, 1978

Specialist in Aging Certificate, Institute of Gerontology, University of Michigan, 1970

ASSOCIATION MEMBERSHIP

American Institute of Architects

Rehabilitation Engineering Society of North America

Human Factors and Ergonomics Society

SELECTED HONORS & AWARDS

Nadine Carter Russell Chair in Interior Design, College of Art and Design, Louisiana State University (2017)

James Haecker Award for Distinguished Leadership in Architectural Research, Architectural Research Centers Consortium (2015)

SUNY Distinguished Professor, State University of New York (2012)

Distinguished Professor, Association of Collegiate Schools of Architecture (2003)

SELECTED PEER REVIEWED PUBLICATIONS

Kim, K., & Steinfeld, E. (2019). The effects of glass stairways on stair users: An observational study of stairway safety. *Safety Science*, 113, 30-36. doi:10.1016/j.ssci.2018.11.010

Steinfeld, E. (2017) A career outside the mainstream. in Chaudhury, H. and Oswald, F. Environments and Aging: Autographic Perspectives in Environmental Gerontology. *Annual Review of Gerontology and Geriatrics*, Vol. 38, pp 277-302.

D'Souza, C., Paquet, V., Lenker, J. & Steinfeld, E. (2017) Effects of transit bus interior configuration on performance of wheeled mobility users during simulated boarding and disembarkation. *Applied Ergonomics*, Vol.62, pp 94-106.

D'Souza, C., Paquet, V., Lenker, J. & Steinfeld, E. (2017). Self-Reported Difficulty and Preferences of Wheeled Mobility Device Users for Simulated Low-Floor Bus Boarding, Interior Circulation, and Disembarking. *Disability and Rehabilitation: Assistive Technology*. DOI: 10.1080/17483107.2017.1401128.

Lenker, J., Damle, U., D'Souza, C., Paquet, V. and Mastare, T., Steinfeld, E. (2016). A usability evaluation of access ramps used in public transit buses. *Journal of Public Transportation*, 19(2): 109-127.

Kim, K., Steinfeld, E. (2016). An Evaluation of stairway designs featured in architectural record between 2000 and 2012. *Archnet-IJAR*, 10(1), 96-112.

Steinfeld, E. & Smith, R. (2012). Universal design for quality of life technologies. In *Proceedings of the IEEE*, 100:8.

Steinfeld, E. (2011). Contributor to Section 6: Enabling Environments. *World Report on Disability*. World Health Organization.

Paquet, V. & Steinfeld, E. (Eds.). (2010). Special issue on space requirements for wheeled mobility. *Assistive Technology*, 22:1.

Paquet, V. & Steinfeld, E. (2010). Preface. *Assistive Technology*, 22:1, 1–2.

Steinfeld, E., Maisel, J., Feathers, D., & D'Souza, C. (2010). Anthropometry and standards for wheeled mobility: An international comparison. *Assistive Technology*, 22:1, 51–67.

Steinfeld, E. (2008). Universal design – practice and method. In A. Helal, et al. (Eds.), *Technology for Aging, Disability and Independence*. Hoboken, NJ: John Wiley & Sons.

Steinfeld, E. (2008). The concept of universal design. *uiGarden.net*.

Steinfeld, E. (2006). Emergency evacuation of people with disabilities, *Journal of Security Education*, 2:1.

Steinfeld, E. (2005). *Education Note: The Cost of Accessible School Construction*. Washington, DC: World Bank.

Steinfeld, E. (2004). Modeling spatial interaction in anthropometric research. *International Journal of Industrial Ergonomics*, 33:3, 265–278.

Steinfeld, E. (2003). Assisted living: A search for a philosophy of practice [Review of the book *Design for assisted living: Guidelines for housing the physically and mentally frail*, by V. Regnier]. *Gerontologist* New York, NY: John Wiley & Sons.

Steinfeld, E. & Danford, G.S. (2000). Measuring handicapping environments. In G. Gresham. (Ed.). *Rehabilitation Outcomes Measurement: The State of the Art in the Year 2000* (Special issue), *Journal of Rehabilitation Outcomes Measurement*, 4:4, 5–8.

Steinfeld, E., Tomita, M., Mann, W. C. & DeGlopper, W. (1999). Use of passenger vehicles by older people with disabilities. *Journal of Occupational Therapy Research*. 19:3, 155–186.

SELECTED PEER REVIEWED CONFERENCE PAPERS

Mokhov, A. and Steinfeld, E. (2016). Classroom design for children on the autistic spectrum. Architectural Research Addressing Societal Challenges. Proceedings of the EAAE/ARCC International Conference, Lisbon, Portugal

Steinfeld, E. Weidemann, S. White, J. Sigal, E. (2015) Effectiveness of design standards in improving residence hall usability and satisfaction. Architectural Research Center Consortium Annual Conference Proceedings. Chicago

Steinfeld, E. & Björk, E. (2014). Universal design and international Study. Proceedings from UD 2014: *The International Conference on Universal Design*. Lund, Sweden.

Steinfeld, E., D'Souza, C., & White, J. (2014). Developing Evidence-Based Standards: A Case Study in Knowledge Translation. Proceedings from UD 2014: *The International Conference on Universal Design*. Lund, Sweden.

Steinfeld, E., D'Souza, C., & Maisel, J. (2010). Clear Floor Space For Contemporary Wheeled Mobility Users. Proceedings from Transed 2010: *12th International Conference on Mobility and Transport for Elderly and Disabled Persons*, Hong Kong, China.

Steinfeld, E., Paquet, V., Lenker, J., D'Souza, C., & Maisel, J. (2010). Universal Design Research on Boarding and Using Buses. Proceedings from Transed 2010: *12th International Conference on Mobility and Transport for Elderly and Disabled Persons*, Hong Kong, China.

Steinfeld, E., D'Souza, C., Paquet, V., & White, J. (2010). Clear floor area for wheeled mobility users. Proceedings from 2010 AHFE International: *3rd International Conference on Applied Human Factors and Ergonomics*. Miami, FL: Taylor and Francis.

D'Souza, C., Steinfeld, E., & Paquet, V. (2009). Functional reach abilities of wheeled mobility device users: toward inclusive design. Proceedings from *Include 2009: International conference on Inclusive Design*. London, United Kingdom: Royal College of Art.

Steinfeld, E., Paquet, V., & Lenker, J. (2002). New development in the anthropometry of wheelchair users. Proceedings from *Universal Design 2002 Conference*. Yokahoma, Japan.

Steinfeld, E. (2002). The nature of barriers. Proceedings from *Universal Design 2002 Conference*, Yokahoma, Japan.

SELECTED BOOKS & BOOK CHAPTERS

Steinfeld, A., Maisel, J.L., Steinfeld, E. (eds). (2017). *Accessible Public Transportation: Designing Service For Riders with Disabilities*. New York, NY: Routledge.

Maisel, J., Steinfeld, E., Basnak, M., Smith, K., and Tauke, M.B. (2017). *Inclusive Design: Implementation and Evaluation*. New York, NY: Routledge.

Steinfeld, E. (2013). Innovation and universal design. In S. Skavlid, H. P. Olsen, & A. K. Haugeto (Eds.), *Trends in Universal Design*. Oslo, Norway: The Norwegian Directorate for Children, Youth and Family Affairs and The Delta Centre.

Steinfeld, E. (2013). Creating an inclusive environment. In S. Skavlid, H. P. Olsen, & A. K. Haugeto (Eds.), *Trends in Universal Design*. Oslo, Norway: The Norwegian Directorate for Children, Youth and Family Affairs and The Delta Centre.

Steinfeld, E., & Maisel, J. (2012). *Universal Design: Creating Inclusive Environments*. Hoboken, NJ: John Wiley & Sons.

Steinfeld, E. (2010). Public Transportation. In W. Preiser and K. Smith (Eds.), *Universal Design Handbook* (2nd ed.). New York, NY: McGraw Hill.

Steinfeld, E., & White, J. (2010). *Inclusive housing: A pattern book*. New York: W.W. Norton.

Steinfeld, E. (2008). Universal design – practice and method. In A. Helal, et al. (Eds.), *Engineering Handbook of Smart Technology for Aging, Disability and Independence*. Hoboken, NJ: Wiley-Interscience.

Maisel, J., Smith, E., & Steinfeld, E. (2008). *Increasing Home Access: Designing for Visitability*. Washington, DC: AARP Public Policy Institute.

Steinfeld, E., & Maisel, J. (2006). Creating accessible and safe bus stops. In Nelson\Nygaard Consulting Associates, *Toolkit for the assessment of bus stop accessibility and safety*. Washington, DC: Eastern Seals Project Action.

Steinfeld, E. (2006). Accessibility Codes and Standards. In G. L. Albrecht (Ed.), *Encyclopedia of Disability*. Thousand Oaks, CA: Sage Publications.

Steinfeld, E. (2006). Fair Housing Amendments Act of 1988 (United States). In G. L. Albrecht (Ed.), *Encyclopedia of Disability*. Thousand Oaks, CA: Sage Publications.

Paquet, V. & Steinfeld, E. (2004). *Space Requirements for Wheeled Mobility: An International Workshop*. Final Project Report to the U.S. Access Board.

Steinfeld, E. (2003). Contributing author to D. Levine (Ed.), *Universal Design New York 2*. New York, NY: City of New York Department of Design and Construction.

Steinfeld, E. (2003). Universal design for urban transportation. In D. Watson, A. Plattus, & R. Shibley (Eds.), *Time Savers Standards for Urban Design* (pp. 7.1.1–7.1.5). New York, NY: McGraw Hill.

Steinfeld, E. & Tauke, B. (2002). Universal designing. In J. Christopherson & T. Ronnevig (Eds.), *Teaching Universal Design – 17 Ways of Thinking and Teaching* (pp. 165–189). Oslo, Norway: Norwegian State Housing Bank.

Steinfeld, E. (2001). Universal design of mass transportation In W. Preiser & E. Ostroff (Eds.), *Universal Design Handbook* (pp. 24.3–24.25). New York, NY: McGraw Hill.

Steinfeld, E. (2001). Fair housing: Toward universal design in multifamily housing. In W. Preiser & E. Ostroff (Eds.), *Universal Design Handbook* (pp. 35.1–35.13), New York, NY: McGraw Hill.

Steinfeld, E. & Danford, G. S. (Eds.). (1999). *Measuring Enabling Environments*, New York, NY: Kluwer Academic/Plenum.

Steinfeld, E. (1997). Architecture as a communications medium. In J. Higgenbottom & R. Lubinski (Eds.), *Communication Technologies for the Elderly* (pp. 263–294). New York, NY: Singular Press.

Steinfeld, E. & Danford, G. S. (1997). Environment as a mediating factor in functional assessment. In S. Dittmar & G. Gresham (Eds.), *Functional Assessment and Outcome Measures for the Rehabilitation Health Professional* (pp. 37–56). Gaithersburg, MD: Aspen.

Steinfeld, E. (1987). Adaptable housing for older people. In V. Regnier & J. Pynoos (Eds.), *Housing for the Aged: Satisfactions and Preferences* (pp.307–339). New York< NY: Elsevier.

SELECTED PROFESSIONAL PRACTICE

Dr. Steinfeld has designed several constructed buildings but currently maintains a consulting practice focused on expert consulting and expert witness testimony related to accessibility and

stairway safety. He has been accepted as an expert in local, state and federal courts and is in demand nationally and internationally as a keynote presenter at conferences.