

Department of Architectural Studies, College of Human Environmental Sciences

Sustained Scholarship

Selected Benchmark Dates and Program Accomplishments<sup>1</sup>

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- 2017 MU Architectural Studies Graduate Program receives the **Institutional Merit Award by the Interior Design Educators Council (IDEC)**. “The development of the online graduate program is truly a support for Interior Design educators who wish to pursue their PhD while continuing with their careers”
- 2016 Sixteen PhD programs are listed by the Interior Design Educators Council. MU is the **only program offering both the Masters and PhD online**. Program was the **first online doctoral program at MU**. Of the 28 PhD completions since 2003 when the online program began, fourteen were online students, four utilized a combination of online and resident instruction, and 10 were resident students. **Forty-one PhD’s** were granted since the program’s beginning.
- 2016 Great Plains ADA Center \$5 million grant renewal (pending) with Health and Human Services – with home base in the Department of Architectural Studies. Center is known for its **National ADA Symposium** and in 2016 the symposium had 900 attendees.
- 2016 Ben Schwarz received **MU Graduate Faculty Mentor Award**.
- 2016 Alumna donation by Cynthia Adams Francis invests in renovation of 232 Stanley to become **Cynthia Adams Francis Collaboration Lab for synchronous graduate education**.
- 2016 Bimal Balakrishnan, Joint Principal Investigator, University of Missouri – Interdisciplinary Innovations Fund for Development of 3D Virtual Reality Environments for Medical Education (\$25,000 for 2016-2017, Joint PI – Julie Marshall)
- 2016 Bimal Balakrishnan, Co-Principal Investigator, U.S. Department of Transportation – Federal Highway Administration for A Multidisciplinary Approach to Investigate Work Zone Using SHRP2 Safety Data, (\$99,999 for 2016-2017; PI – Praveen Edara).
- 2016 Bimal Balakrishnan, Collaborator (Design and Visualization Training), National Science Foundation Research Traineeship (NRT) Program for NRT-IGE: A test bed for **STEM graduate student communication training** (\$487,468 for 2015-2017; PI – Jack Schultz)
- 2015 Newton Dsouza. Places in the Virtual-Physical Continuum: The Impact of Virtual Behavior on Place Attributes of Online Coffee Shops. *Handbook of Interior Design*. J Thompson and N Blossom Editors. Wiley Blackwell.

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<sup>1</sup> Academic scholarship in this listing omits the following: service to professional organizations, conference presentations and proceedings, creative exhibitions, and invitational lectures. Only selected book chapters and internal grants are noted. Scholarship of publications of “then-current” faculty and graduate students are included when related to interior design education.

- 2016 Rojak, D. and Cole, L.B. (2016) "Place Attachment in the Historic Brewpub: A Case Study in Greensboro, North Carolina." *Journal of Interior Design*, 41(1), 33-50. (Laura Cole is undergraduate interior design alumna and currently Assistant Professor at MU.)
- 2016 **Forteen interior design faculty members** who are graduate alumni or current graduate students gathered at IDEC meeting in Portland, Oregon.
- 2015 **Jan Parker is third Dean received MU Doctorate benefitting from online program.** See video at [http://arch.missouri.edu/academics\\_online2.html](http://arch.missouri.edu/academics_online2.html) . Brian Sinclair at the University of Calgary was first, Ellen Fisher at the New York School of Interior Design was second to benefit from online doctoral program.
- 2015 Cho, Young, J. and Schwarz, B. (2015) Aesthetic Theory and Interior Design Pedagogy. In Thompson, Jo Ann Asher, & Blossom, Nancy H (Eds.) *The Handbook of Interior Design* New York: Wiley-Blackwell. (Pp. 478-496).
- 2015 *DesignIntelligence* (Nov/Dec 2015) ranks our **MU interior design program #4 in the Midwest** among interior design programs in Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, and Wisconsin. The *DesignIntelligence* survey reports 2,237 U.S. firms and organizations employing design professionals who participated in the ranking.
- 2015 The *Journal of Interior Design* reports fifteen doctoral dissertations during the 2014-2015 academic year (Park, 2015). Our **department has the highest number with six PhD completions.** The department continues to offer the only online doctoral program among its peers. Three of the six completing MU doctoral students were Mizzou-Online distance students.
- 2015 Balakrishnan, B., & Oprean, D. (2015). **Communication, Coordination and Collaboration: Media affordances and Team Performance in a Collaborative Design Environment.** In Martens, B., Wurzer, G., Grasl, T., Lorenz, W.E. & Schaffranek, R.(Eds.)
- 2015 Balakrishnan, B., Kalisperis, L. N., & Oprean, D. (2015). Visualizing Human Environment Interactions: Integrating Concepts and Techniques from HCI, *Human Factors and Media Psychology*. Lecture Notes in Computer Science, Springer
- 2015 Tilanka Chandrasekera, MU alum and former graduate teaching assistant receives **Council for Interior Design Accreditation Award for Excellence –Honorable Mention.**
- 2015 Chandrasekera, T., D'Souza, N., & Yoon, S.-Y. (2015). Virtual Environments with Soundscapes: A study on immersion and spatial abilities with way finding tasks. *Environment and Planning B-Planning and Design*. 42. pp. 1003-1019.
- 2015 Tofle, Ruth Brent, Richard Sternadori, and Mike Goldschmidt. Reflecting on Twenty-five Years of the ADA: Seeing Commitment Caveats and Legal Loopholes. *Journal of Interior Design*. December. **Converted to Braille and large text** for persons with visual disabilities.
- 2015 Cole, L.B. "Fostering Green Building Literacy in the School Building: a Study of Five Middle Schools in the United States." *Children & Youth Environments*, 25(3), 145-174.
- 2015 Sternadori, Richard and Ruth Brent Tofle. (2015) The Problem of Dual ADA Building Standards for Schools and Universities. *Building Safety Journal Online*. February International Code Council.
- 2015 Doctoral Dissertation completed by online student Kandace Fischer, "**Images of community crime in Ferguson, Missouri: Older adults perspectives prior to July 2014**" is

- a study completed one month before the shooting of Michael Brown. **Dissertation is in press to be published as a book.** Kandace's experience as an online student is featured at [http://arch.missouri.edu/academics\\_online2.html](http://arch.missouri.edu/academics_online2.html)
- 2015 Nord, C. & Schwarz, B. (Eds.) (2015). Northern Light on Housing for Older Adults. A Special Issue of the *Journal of Housing for the Elderly* Vol. 29, Number 1, 2.
- 2015 Schwarz, B. & Nord, C. (2015). First Words. In Nord, C. & Schwarz, B. (Eds.) (2015). Northern Light on Housing for Older Adults. A Special Issue of the *Journal of Housing for the Elderly* Vol. 29, Number 1, 2.
- 2014 Goldschmidt, M. Principal Investigator, Healthy Homes Partnership – National Leadership; \$225,000 United States Department of Agriculture – National Institute of Food and Agriculture and United States Department of Housing and Urban Development – Office of Lead Hazard Control and Healthy Homes. 2014-present.
- 2014 Department's online program was selected and identified by *MizzouOnline* as being "exemplary." News story in the video at [http://arch.missouri.edu/academics\\_online2.html](http://arch.missouri.edu/academics_online2.html) is presented to Board of Curators System-wide.
- 2014 Ronn Phillips receives **Graduate Faculty Mentor Award.**
- 2014 Chandrasekera, T., D'Souza, N., & Yoon, S.-Y. . The effect of soundscapes on auditory landmarks in immersive virtual environments. *Journal of Building Construction and Planning Research*.
- 2014 Alawadhi, A. & Yoon, S.-Y. (2014). Effects of Store Image on Perceived Product Value. *International Journal of Design Management and Professional Practice*. 7(3), pp. 31-52.
- 2014 Tilanka Chandrasekera, MU doctoral student and former graduate teaching assistant receives **Council for Interior Design Accreditation Future Visionary of Interior Design Education Award** while Ast Professor at Oklahoma State University and completing his doctoral degree.
- 2014 Newton D'souza wins **Ernest L Boyer International Award for Excellence in Teaching, Learning, and Technology**. He also received the 2014 Innovated Excellence award.
- 2014 The **Great Plains ADA Center joined the Department** October 1, 2014. Established in 1991 with the leadership of Jim de Jong, Executive Director, the Center's mission is to provide professional, quality information and services on the Americans with Disabilities Act. It is funded by a **five-year, \$5 million federal grant** awarded in 2011. The center serves people and organizations within Missouri, Kansas, Iowa and Nebraska.
- 2014 Bimal Balakrishnan, Co-Principal Investigator, University of Missouri System Interdisciplinary Intercampus (IDIC) Research Grant - Informatic and Architectural **Analysis of Human Performance in a Clinical Simulation Setting** (\$94,640 for 2014-2015, PI – Mark Hoffman, Univ. of Missouri Kansas City Center for Health Insights)
- 2014 Bimal Balakrishnan, Joint-Principal Investigator, University of Missouri Mizzou Advantage Research Grant – Immersive, interactive, integrative: **Envisioning media of the future in 3-Dimensions**. (\$130,795 for 2014-2016, Joint PI – Clyde Bentley)
- 2014 Newton D'souza wins **Excellence in Teaching with Technology Award, Graduate & Professional Teaching Category**, Educational Technologies. MU.

- 2013 Tilanka Chandrasekera, MU doctoral student and former graduate teaching assistant receives **Council for Interior Design Accreditation receives Innovative Education Award** while Ast Professor at Oklahoma State University and completing degree at MU.
- 2013 Most Admired Educator Ruth Tofle. One of **top 30 educators in U.S.** (*DesignIntelligence*.P.15). This same year she was selected by the MU Alumni Association for the Distinguished Faculty Award.
- 2013 The University of Missouri Alumni Association honored Ruth Tofle with the *Distinguished Faculty Award*.
- 2013 Chandrasekhara, T, Ng Voc, and Dsouza, N. The Effect of Subliminal Suggestions on Sudden Moments of Inspiration (SMI) in the Design Process, *Journal of Design Studies*, Elsevier Vol 34, Issue 2, March 2013, Pages 193-215.
- 2012 Emily Roberts completes online PhD and is first to complete concentration in gerontology from **Great Plains Interactive Distance Education Alliance (IDEA) with MU** as member.
- 2012 Ruth Tofle, Bimal Balakrishnan, Newton Dsouza Joint-Principal Investigators, University of Missouri – Mizzou Online for New Online Masters Concentration in Design Research. **Significant grant invests in infrastructure for synchronous online graduate education with MizzouOnline.** (\$178,000 for 2012-2014)
- 2012 Newton Dsouza and Bimal Balakrishnan receive Mizzou Advantage Network Grant for Creative Convergence Network (CCN): International Symposium on Assessment and Facilitation of Creativity in New Media. (\$25,000 for 2012-2013)
- 2012 Dsouza, Newton. The Metaphor of an Ensemble: Architectural Design and Skill Convergence. *Journal of Design Research*. Inderscience, Vol 10, No 3, pp. 206-222.
- 2012 Tofle, Ruth Brent. (2012) Aging and Dying in Place: A Personal Journey. *Journal of Housing for the Elderly*. Special Issue Edited by Rick Scheidt and Benyamin Schwarz.
- 2012 Bimal Balakrishnan receives MU **Superior Graduate Faculty Award**.
- 2012 Bimal Balakrishnan receives **MU Excellence in Education Award**
- 2011 Ellen Fisher completes PhD online. Ellen will become **Dean, New York School of Interior Design**.
- 2011 Bimal Balakrishnan and Newton Dsouza receive Mizzou Advantage Network Grant for Creative Convergence Network (CCN): International Symposium on Assessment and Facilitation of Creativity in New Media. (\$19,787 for 2011-2012).
- 2011 **Ranked #4 "Most Admired Graduate Program". "Cited for its distance education program and the number of alumni who are in well-placed academic programs."** (*DesignIntelligence*. P. 41).
- 2011 Most Admired Educator Benyamin Schwarz. One of **top 25 educators** in U.S. (*DesignIntelligence*. P. 49).
- 2011 Lin, Y.-F., & Yoon, S.-Y. (2011). Exploring the Effects of Lighting on Consumer Responses in a Retail Environment using 3D Walk-Through Animation. *Archive of Design Research*, 2(28). pp. 5-25.
- 2011 Balakrishnan, B., & Sundar, S.S. Where am I? How can I get there? Impact of navigability and narrative transportation on spatial presence. *Human-Computer Interaction*, 26 (3), pp. 161-204.

- 2011 Understanding design skills of the Generation Y: An exploration through the VR-KiDS project. *Design Studies*. 32:180-209. 2011
- 2011 Balakrishnan, Bimal receives **Teaching with Technology Award**, for Graduate and Professional Education, ET@MO, University of Missouri, 2011-2012.
- 2011 Dsouza **receives Journal of Design Studies Best Paper Award**.
- 2011 Dsouza, N., Yoon, So-Yeon, Islam, Z. Understanding Design Skills of the Net Generation of Designers: An Exploration through the VR-KIDS Project. *Journal of Design Studies*, Vol 32, No 2, Elsevier.
- 2011 Cho, Ji Young and So-Yeon Yoon. Different Aesthetic Impressions of Building Design Between Designers and Laypersons: A case Study on two public buildings using virtual reality technology. *Journal of Korean Living Science Research*, 31 (2), 15-21.
- 2011 Yoon, So-Yeon and Ji Young Cho. Emotional responses to color environments: An experimental study on young and older adults using a semi immersive virtual environment. *Journal of Korean Living Science Research*, 31 (1), 49-58.
- 2010 Yoon, So Yeon, Oh, H. J. and Cho, J. Y. Understanding Furniture Design Choices: An Empirical Approach Using a 3D Virtual Showroom. *Journal of Interior Design*. 33(5), 33-50.
- 2010 **One of five "Hidden Gems of Interior Design Education"**(America's Best Architecture and Design Schools. *DesignIntelligence*. 2010,p.61).
- 2010 Robin L. Kruse, Cherith M. Moore, Ruth B. Tofle, Joseph W. LeMaster, Myra Aud, Lanis L. Hicks, Marian A. Minor, Shannon M. Canfield, David R. Mehr. (2010) Older Adults' Attitudes Toward Home Modifications for Fall Prevention. *Journal of Housing for the Elderly*. Vol 24, No 2.
- 2010 Bimal Balakrishnan leads effort in establishing **Immersive Visualization Lab, a virtual reality facility to support stereoscopic 3-dimensional visualization and design collaboration**.
- 2009 Cho, J. Y. Pedagogical Examination of an Award-Winning Instructor's Studio Teaching. *Design Principles and Practices: an International Journal*. 3(3), 387-406.
- 2009 **Ranked 11th in the International Solar Decathlon Competition** building a solar home with MU Science and Technology on the Washington Mall (U.S. Green Building Council competition). House receives **most visited** award with 21,402 people. Second place was the house built by Spain with 21,313 visits.
- 2009 Mike Goldschmidt and Bimal Balakrishnan. Interdisciplinary Innovations Fund for Implementation of Building Information Modeling for ShowMe Solar Decathlon 2011 and ArchSt 4815 Studio V. (\$15,875 for 2009-2010)
- 2009 **Top Ten Program - 2009**. Category: Interior Design Undergraduate Program (among 165 total accredited programs) *DesignIntelligence*. Design Futures Council. Number 219. Nov/Dec, 2008, p. 36.
- 2009 Balakrishnan, B., & Kalisperis, L.N., (2009). Design visualization: A media effects approach. *International Journal of Architectural Computing*, 7(3), pp. 415-427.
- 2009 Muramoto, K., Jemtrud, M., Kumar, S., Balakrishnan, B. & Wiley, D. (2009). A Cyberenabled collaborative design studio. *International Journal of Architectural Computing*, 7(2), pp. 267-288.

- 2009 Tofle, Ruth Brent. (2009) "Creating A Place for Dying: Gerontopia." *Journal of Housing for the Elderly*. Vol 23, No 1,2.
- 2009 Dsouza, Newton. Revisiting a Vitruvian Preface: The Value of Multiple Sills in Contemporary Architectural Pedagogy. *Architectural Research Quarterly*, Cambridge University Press. Vol 13. pp 173-181.
- 2009 Schwarz, B. (2009). Architectural Design: An Intellectual Culture between Art and Science. *Design Principles and Practices: An International Journal*, Vol. 3.No. 1. Pp. 245-256.
- 2009 Schwarz, B. and Oliver Parker, Debra (Eds.) (2009). *Journal of Housing for the Elderly Vol. 23, Number 1/2. Special Issue: Places for Palliative Care.*
- 2008 Doctoral student Ji Young Cho receives **First Place Award in Interior Design by the Interior Design Educators Council.**
- 2008 **First online doctoral program on campus** grants two doctorates to online students Lisa Tucker and Brian Sinclair.
- 2007 Stankos, M. and **Schwarz, B.** (2007). Evidence based design in healthcare. *Interdisciplinary Design and Research e-Publication* Vol 1. No. 1.
- 2007 Hong, YiKyung; Pak, Hee Jin; and Tofle, Ruth Brent. (2007) "Analysis of Home Safety Environmental Assessments for the Elderly Fall Prevention" *AIDIA Journal*. Asia Interior Design Institute Association. Vol 10. Pp. 56-66.
- 2007 Dsouza, Newton. Design intelligences: A Case for Multiple Intelligence in Architectural Design. *International Journal of Architectural Research*, Vol 1, No 2, Archnet-IJAR, July 2007, MIT Press, pp 15-34.
- 2006 Bostick, J.E., Aud, M. A., Parker-Oliver, D., Schwarz, B., Tofle, R.B., Garret, L. J., Williams, S. Staff Perceptions in Special-Care Units. *Long-Term Care Interface*. Jan 2006
- 2006 First offering of graduate student summer workshop. Online students are strongly encouraged to come to campus. This is an annual event when online students come to campus and meet resident colleagues and faculty.
- 2007 Alzheimer's Association. Tyer, Jr., Harry, Myra Aud, Marilyn Rantz, and Ruth Tofle (Co-I). A Smart Carpet for Monitoring Safety of Older Adults with Alzheimer's Disease. 2007-2010. \$246,947
- 2007 Interdisciplinary Center on Aging. READ Award. "Understanding the Meaning of Color Environments among the Elderly: A Virtual Environment Exploratory Study." Yoon, SY (PI), Laffey, (Co-I), Schwarz, B. (Co-I), Tofle, R. (Co-I), Aud, M. (Co-I) \$8,000.
- 2006 The John A. Hartford Foundation and RAND. Two-year grant for the development of a new center focused on **improving the health of older adults through innovative, interdisciplinary research.** Leaders: Marilyn Rantz, PhD, MSN and Steven Zweig, MD, MSPH and the Interdisciplinary Geriatric Health Care Research Center at the University of Missouri, Columbia, MO. \$ 200,000
- 2005 **First online masters student Diana Allison Ingham receives MS.**
- 2005 **Department has the largest doctoral program in the college with 21 students: 18 online and 3 resident doctoral students. The master's program had one resident student and nine online students.**

- 2005 Aud, Myra A, Debra Parker-Oliver, Jane Bostick, Benyamin Schwarz, and Ruth Brent Tofle. Social Model Care Units for Persons with Dementia: The Missouri Demonstration Project. (2005). *Alzheimer's Care Quarterly* 6, 306-315. October/December
- 2005 Parker Oliver, D. Aud, M., Bostick, J., Schwarz, B., and Tofle, R. B. (2005). Dementia Special Care Units: A Policy and Family Perspective. *Journal of Housing for the Elderly*, Vol. 19, No. 1, 113-125.
- 2004 Chaudhury, Habib; Schwarz, B. and Tofle, R. Brent. Effect of design interventions on a dementia care setting". *American Journal of Alzheimer's Disease & Other Dementias*. May/June, 2004.
- 2004 Tofle, R. B., Schwarz, B., Yoon, So-Yeon, and Max-Royale, A. (2004). **Color in Healthcare Environments**. Coalition for Health Environments Research (CHER) (Monograph on a CD).
- 2003 Schwarz, B. (2003). M. Powell Lawton's Three Dilemmas in the Field of Environment and Aging. *Journal of Housing for the Elderly Vol. 17, Number 1. 2.*
- 2003 **On-line distance learning begins in the Spring semester with MU Direct for graduate education**. The Department is the first to begin an online doctoral program among schools affiliated with the Interior Design Educators Council (IDEC) in the nation and also first at MU. (Dean Jan Parker and Dr. Lisa Tucker begin doctoral studies.)
- 2002 **Grant with Coalition for Health Environments Research**. Color in Health Environments: A Critical Review of the Research Literature. Tofle, R.B. and Schwarz, B. 2002- 2003. \$10,000.
- 2001 Schwarz, B., Chaudhury, H., Brent, R., Cooney, T., Dunne, K., and Bostick, J. Impact of Design Interventions in Nursing Homes on Residents with Dementia, their Families, and the Staff. Milwaukee, WI: Center for Architecture and Urban Planning Research. University of Wisconsin-Milwaukee.
- 2001 Pastalan, L., and Schwarz, B. (Eds.) Housing Choices and Well-being of Older Adults: Proper Fit. New York, NY: Haworth Press, Inc. Schwarz, B. (Ed.) (2001). **Assisted Living Sobering Realities**. New York, NY: Haworth Press, Inc.
- 2001 Pastalan, L., and Schwarz, B. (Eds.) (2001) Housing Choices and Well-being of Older Adults: Proper Fit. *Journal of housing for the Elderly Vol. 14, Number 1&2.*
- 2001 Schwarz, B., and Brent, R. (Eds.) (2001). Environmental Gerontology: A Focus on Housing Frail Elders. *Journal of Architectural and Planning Research*, Vol. 18, (3). (Special Issue).
- 2001 Schwarz, B., and Brent, R. (2001). The Architectural Metamorphosis of Long-Term Care Settings. *Journal of Architectural and Planning Research*, Vol. 18, (3).
- 2000 Extendicare Foundation, Inc. Milwaukee, WI. Impact of Design Interventions in a Nursing Home on Residents with Dementia. Research team award. 2000-2001. \$18,000.
- 1999 Schwarz, B. Assisted Living: An Evolving Place Type. In B. Schwarz, and R. Brent (Eds.) **Aging Autonomy and Architecture: Advances in Assisted Living**. Baltimore, MD: The Johns Hopkins University Press.
- 1999 Schwarz, B. (1999). Environment and Aging Theory: A Focus on Housing. *Contemporary Gerontology*, Vol. 5, No. 4.
- 1998 So-Yeon Yoon receives Masters degree and continues to work on her PhD and teach in Department. (Note: So-Yeon left MU in 2013 to join Cornell University and in 2014 was the IIDA Educator of the Year.)

- 1997 Schwarz, B. (1997). Writing to Write and Diagram, Writing and Diagramming to Learn. *Journal of Interior Design*. Vol. 23 (2).
- 1997 Schwarz, B. (1997). Nursing Home Design: A Misguided Architectural Model. *Journal of Architectural and Planning Research*. Vol. 14 (4).
- 1997 Schwarz, Benjamin and Ruth Brent (Tofle) Eero Saarinen's Firestone Baars Chapel: Origins of an Enclosure. *Journal of Interior Design*. Vol. 23, (1)
- 1996 Schwarz, B. **Nursing Home Design: Consequences of Employing the Medical Model**. New York: Garland Publishing.
- 1996 **IIDA/Interior Design Magazine, Outstanding Achievement Award**. Recognition of Excellence in Scholarship for Evaluation of Alzheimer's Special Care Units. (Jones, L., Pastalan, L. A., Schwarz, B., Sekulski, R., and, Struble, L..
- 1996 Schwarz, B. (1996). "Designing Long-Term-Care Settings." *Nursing Home Economics and Business Issues in Long-Term Care*. Vol. No. April 1996.
- 1996 Schwarz, B. Long-term Care—A Residential Environment that is Striving to be a Home. In Martin Valins and Derek Salter (Eds.) *Futurecare: New Directions for Planning Health and Care Environments*. London: Blackwell Scientific Press Oxford.
- 1996 Ken Feldman is in first cohort to receive Masters with concentration in design communication. (He is hired as Sony Art Director.
- 1995 Schwarz, Benjamin, Ruth Brent, and Gary Hennigh. Internalizing Values: Universal Design in the Design Studio. *Housing and Society*. Vol. 22, # 1,2. 1995. pp. 5-15.
- 1995 Brent, R., and Schwarz, B. (Eds.) (1995). **Popular American Housing: A Reference Guide**. Westport CT: Greenwood Publishing Group, Inc.
- 1995 Brent, R., Schwarz, B., and Hennigh, G. **Educating Reflective Practitioners through Universal Design**. In Polly Welch (Ed.) *Strategies for Teaching Universal Design*. pp. 187-193. Berkely, CA: MIG Communications.
- 1994 Pastalan A. L., and Schwarz, B. The Meaning of Home and Ecogenic Housing: A New Concept for Elderly Women. In Hemalata C. Dandekar (Ed.) *Shelter, Woman and Development: First and Third World Perspectives*. pp. 402-407. Ann Arbor, MI: George Wahr Publishing Co.
- 1994 Schwarz, B., and Pastalan, L. **University-Linked Retirement Communities: Student Visions of Eldercare**. New York: Haworth Press.
- 1993 Brent, Ruth (Tofle) , Wanda Eubank, Chuck Graham, and Margaret Danley. Hands-On Approach to The Americans with Disabilities Act. *Journal of Interior Design*. 19 (1) 1993. pp. 47-50.
- 1991 Committee Member, American Society of Interior Designers Issues Management Task Force.
- 1991 Brent, Ruth S., Special Issue Guest Editor. Housing for People with Special Needs. *Housing and Society*. 18 (2) and (3), 1991.
- 1990 Brent, Ruth Stumpe (Tofle) & Andrew D. Seidel. A **Quantitative Comparison of Graduate Programs In Architecture and Interior Design**. *Journal of Interior Design Education and Research*. 16(1), 1990. pp.11-16.
- 1990 Ruth Brent receives **Presidential Citation, American Society of Interior Designers**,
- 1989 Brent, Ruth S. (Tofle) & Ronald Phillips. Homelessness: An Interior Design Education Challenge? *Journal of Interior Design Education and Research*. 15(1), 1989.

- 1989 **American Society of Interior Designers Environmental Design Award.** Identifying Housing Inadequacies for Low Income Older Adults. Ruth Brent, Ronald Phillips, Edward Brent, & Millend Gupta, ERHAP Research Team. 1989-90.
- 1989 Ruth Brent, Interior Design Educators Council Liaison, International Federation of Interior Architects and Interior Designers, 1989-1990.
- 1988 Brent, Ruth Stumpe (Tofle) & Andrew D. Seidel. **Commonalties & Differences of Graduate Interior Design Programs: IDEC Membership Sample.** *Journal of Interior Design Education and Research.* 14(2), 1988.
- 1988 Ruth Brent (Tofle) Chair, **American Society of Interior Designers Position Papers Committee.** (Committee Member 1987-91). Drafted positions: homelessness, child day care, fair housing, universal considerations for design.
- 1987 Brent, Edward E. & Ruth Stumpe Brent. ERHAP: An Artificial Intelligence Expert System for Assessing the Housing of Elderly Residents. *Housing and Society.* 14(3), 1987.
- 1987 Brent, Ruth Stumpe (Tofle) & Ronald G. Phillips. The Department of Housing and Interior Design at the University of Missouri-Columbia: The Environment and Behavior Paradigm. *The Environmental Professional.* 9(3), 1987.
- 1986 **Grant from Joel Polsky/Foundation for Interior Design Education Research Endowment.** Graduate Programs in Interior Design. Ruth Brent, Principal Investigator; Andrew Seidel, Associate Principal Investigator. 1986-1990. \$2,400.
- 1985 Brent, Ruth Stumpe (Tofle). Instruction in Lighting Design. *Journal of Interior Design Education Research.* 11(1), 18-22. 1985.
- 1984 Kate Ellen Roges retires. Ruth Brent (Tofle) becomes Department Chair.
- 1984 Brent, Ruth Stumpe (Tofle). Reprint: Texture: The Forgotten Design Element in Nursing Homes. *The Designer.*
- 1983 Rogers, Kate Ellen, Ronald Veitch, Ruth Stumpe Brent (Tofle), & J. Lee Hill. **FIDER's Study of Two, Three, and Four-Year Interior Design Programs in the United States and Canada: Phase II.** *Journal of Interior Design Education and Research.* 9(1), Spring 1983.
- 1982 Undergraduate Diana Allison is featured in *New York Times* for her efforts to protest proposed Department cuts. (Diana would receive the first online Masters in 2005 and her PhD in 2009 from the Department.)
- 1981 **National Endowment for the Arts.** The Study of Two, Three and Four Year Interior Design Programs. Kate Rogers, Principal Investigator; Ruth Brent, Design Research Associate. 1981-83. \$31,000.
- 1981 Brent, Ruth Stumpe. Usage of Public Restroom Lounges as Support Systems by Elderly Females. *Qualitative Sociology.* 4(1), 1981.
- 1979 **Administration on Aging Grant** HEW HDS AOA 90 AR 2058-01. Environmental Constraints on the Spatial Organization of Social Interactions in a Nursing Home. Ruth Brent, Principal Investigator. 1979-81. \$30,720.
- 1979 Brent, Ruth Stumpe & Dolores Ginthner. Designing for the Elderly: Common Sense or Common Errors? *Housing and Society.* 6(2), 1979.
- 1978 Brent, Ruth Stumpe (Tofle). Design and the Problem Solving Process. *Journal of Interior Design Education and Research.* 4(2), Fall 1978.
- 1977 Helmick writes account of his early efforts in a publication titled *ROM* (October 1977).

- Doctoral student Joann Thompson exhibits work** in the Gallery demonstrating computers aiding design—as described in *Columbia Daily Tribune*, December 15, 1977.
- 1975 **Kate Ellen Rogers is first Editor** of *Journal of Interior Design Education and Research* (Later retitled in 2007 as the *Journal of Interior Design*.)
- 1974 Faculty member Richard Helmick pioneers digital art using computer punch cards on the main frame. He works with Electrical Engineering Department to develop software for art and design application.
- 1973 **Interior Design program accredited** by the Foundation for Interior Design Education Research (FIDER). The program was in the first group of five programs in the nation to be accredited and has been continually re-accredited since then. Kate Ellen Rogers played a key role in the establishment of FIDER.
- 1972 **Kate Ellen Rogers invites Henry Sanoff to speak at the first IDEC research conference.** Henry Sanoff was the Founder and Chair (1969-1974) of the Environmental Design Research Association. (EDRA was incorporated in 1972.) The emphasis on environment and behavior becomes a research focus area in the department.
- 1967 Kate Rogers is doctoral advisor for Dr. Bob Rice. (This education launched his career and **Dr. Rice served 20 years as Director of the university's School of Family and Consumer Sciences at the University of Arizona.**)
- 1967 Program chair **Kate Ellen Rogers instrumental in establishment of the Interior Design Educators Council (IDEC).**
- 1962 Kate Ellen Rogers' widely acclaimed authored book *The Modern House* is published.
- 1954 **Interior design program is established** with Kate Ellen Rogers as program chair.