

**Kathryn Henderson**

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Ph: O: 979-845-9706, email: [hendrsn@tamu.edu](mailto:hendrsn@tamu.edu); khenderson.soc@gmail.com**CURRICULUM VITAE 2016****PROFESSIONAL PREPARATION**

- 1991 Ph.D. Sociology, University of California, San Diego  
 1983 M.F.A. Visual Arts: Criticism, University of California, San Diego  
 1982 B.A. Art History, University of California, San Diego

**APPOINTMENTS**

- 2012-15 Co-Principle Investigator, The Bastrop Fires: Understanding Sociological and Environmental Impacts. Texas A&M TOP Grant  
 2009-2011 Principal Investigator, Coping Skills of Victims of Multiple Chemical Sensitivity  
 2007-2008 Principle Investigator, "Post-Katrina-Rita", Research undertaken with Computer Science colleague, graduate and undergraduate students while volunteering in New Orleans post Hurricane Katrina  
 2000-07 Principal Investigator, NSF- SDEST funded research Straw Bale Building: Values, Ethics and Building Codes  
 1998-present Associate Professor, Department of Sociology, Texas A&M University, College Station, TX  
 1998-9 Fellow, Lemelson Center for the Study of Invention and Innovation, National Museum of American History, Smithsonian Institution  
 1991-1997 Assistant Professor, Department of Sociology, Texas A&M University, College Station, TX  
 1995-96 Ethnographer with Institute for Research on Learning (IRL) Project: Work Practice and Design: Developing and Implementing Integrated Customer Services in a Fortune 500 Company.  
 1994 Principal Investigator, Ethnography: Summer Bridge Program for STEM Minority Students, NSF-funded; Sponsor: Alliance for Minority Participation in STEM (AMP)  
 1991 Lecturer, Department of Sociology, University of California, Los Angeles

**Qualified Areas in Teaching and Special Interests**

|                                      |                                     |                        |
|--------------------------------------|-------------------------------------|------------------------|
| Gender, Race, Science and Technology | Sociology of Science and Technology | Sociology of Disasters |
| Qualitative Methods                  | Sociology of Art/Culture            | Feminist Theory        |
| Environmental Sociology              | Visual Methods                      |                        |

**PUBLICATIONS****Books**

- 1999 *On Line and On Paper: Visual Representations, Visual Culture and Computer Graphics in Design Engineering* Cambridge, Massachusetts: M.I.T. Press, Inside Technology Series

**Refereed Journal Articles (partial)**

- 2008 Henderson, Kathryn. "Visual Culture and Visual Discourses in Design Engineering and 'Green' Building Code Development", proceedings: The Indo-US Invitational Workshop on Design Engineering, Bangalore, India, 2006.  
 2007 Henderson, Kathryn, "Achieving Legitimacy: Visual Discourses in Engineering Design and Green Building Code Development" *Building Research & Information*, Vol. 35:1: 6-17.  
 2006 Graeber, R., Kerne, A., Henderson, K., "ZoomICSS: A Zoomable Map Image Collection Sensemaking System (The Katrina Rita Context)", *Proc ACM Multimedia 2006*.  
 2006 Henderson, Kathryn. "Ethics, Culture and Structure in the Negotiation of Straw Bale Building Codes" for *Science, Technology and Human Values*, Vol. 31, 3:261-288  
 2003 Henderson, Kathryn, "Straw Bale Building, Why Now?" *Inventing for the Environment*. Bedi and Molina eds. M.I.T. Press.  
 2002 Whalen, Whalen, & Henderson, " Toward a Naturalistic Sociology of Work: Improvisational Choreography in a Teleservice Job" *British Journal of Sociology*.  
 1998 Henderson, Kathryn. "The Aura of 'High Tech' in a World of Messy Practice." *The Sociological Quarterly*, Vol. 39, No. 4: 645-672.  
 1998 Henderson, Kathryn. "The Role of Material Objects in the Design Process: A Comparison of Two Design Cultures and How They Contend With Automation." *Science, Technology, & Human Values*, Vol. 23, No. 2, Spring 1998: 139-174.

1995 Henderson, Kathryn. "The Political Career of A Prototype: The Importance of the Visual in Design Engineering Consensus and Conflict." *Social Problems*, May, Vol. 42: 274-299.

#### **Book Chapters**

- 2017 Nummi, J. & K. Henderson. "Gender and women's leadership in Texas forest fires and recovery: how gender roles and assumptions empower and constrain women and men post-disaster in a rural southern town." *Understanding Vulnerability, Building Resilience: Responses to Disasters and Climate Change*. Campanian and Chaiken eds. CRC Press.
- 2011 Henderson, Kathryn. "Mind Maps, Memory and Relocation after Hurricane Katrina." *Dynamics of Disaster: Lessons on Risk, Response and Recovery*. Dowty and Allen, eds. London & Washington D.C.: Earthscan Press.
- 1995 Henderson, Kathryn. "The Visual Culture of Engineers." In *Cultures of Computing*, edited by Susan Leigh Star. Oxford & Cambridge: Blackwell. 196-218.

#### **Papers Presented (partial)**

- 2016 Henderson, Kathryn. Deer, Women, Myth, and Spirit: A New Application of Haraway's "Companion Species" Across Cultures. 2015 ASWM, Boston, MA, April 2016.
- 2015 Henderson, Kathryn. Deer Women: Sexual Behavior Parables from First Nations, 2015 ASWM, Portland, OR, April 2015.
- 2014 Henderson, Kathryn. Gender Border Crossing as Numinous, presented 2014 ASWM Meetings, San Antonio, TX, April, 2014
- 2013 Henderson, Kathryn. What Disaster Studies Can Learn from Network Analysis, presented at Society for the Study of Science & Technology Meetings, San Diego, October 2013.
- 2012 Henderson, Kathryn. Methods and Ethics of Visual Inquiry in Women's Spirituality Studies, 2012 ASWM Meetings May,.
- 2010 Henderson, Kathryn. "Canaries" - Networks for Coping with Multiple Chemical Sensitivity, a New Paradigm of Environmental Illness and Medicine, presented at Society for Social Studies of Science Meetings, Washington D.C., October 2010.
- 2009 Henderson, Kathryn. Mind Maps, Memory and Relocation after Hurricane Katrina, presented at Society for Social Studies of Science Meetings, October, Montreal, Canada
- 2006 Henderson, Kathryn. Visual Culture and Visual Discourses in Design Engineering and "Green" Building Code Development, presented at The Indo-US Invitational Workshop on Design Engineering, Bangalore, India, January
- 2003 Henderson, Kathryn. Boundary Work of Hero Bureaucrats: Translators of "Green" Values in Practice, presented at the Society for Social Studies of Science Meetings, Atlanta, GA
- 2002 Henderson, Kathryn. Sustainability and Building Codes: Competing Ethics Orientations of Green Builders and Code Officials, presented at the European Association for the Social Study of Science and Technology, (EASST) University of York, UK.
- 2000 Henderson, Kathryn. Straw Bale Building: Values, Ethics, and Building Codes, presented at Society for Social Studies of Science Meetings, Vienna, Austria.
- 2000 Henderson, Kathryn. Insider-Outsiders -- Bureaucracy, Politics, and Culture: A Case Study of Institutional Standardization of Alternative Building Methods, presented at American Sociological Association Meetings, Washington D.C.

#### **COURSES TAUGHT (partial)**

Sociology 210w Sociology of Science and Technology  
Sociology 229w Undergraduate Qualitative Methods  
Sociology 328w Sociology of the Environment  
Sociology 489 Sociology and History of New Orleans (special research/volunteering course)  
Sociology 489w Sociology of Disasters/Qualitative Methods (special research/volunteering course)  
Sociology/WGST 489w Sociology of Race, Gender, Science and Technology (cross-listed WGST)  
Sociology 624 Graduate Qualitative Methods  
Sociology/WGST 657 Graduate Sociology of Race, Gender, Science and Technology  
Sociology 657 Graduate Visual Methods

#### **GRANTS (partial)**

2012-15 The Bastrop Fires: Understanding Sociological and Environmental Impacts; TOP Grant- Integration of Multidisciplinary Research and Creative Activities into the Learning Experience - \$60,000 for 3 years  
2000-07 NSF- SDEST funded research: Straw Bale Building: Values, Ethics and Building Codes - \$60,000  
1998-9 Summer Fellow, Lemelson Center for the Study of Invention and Innovation, National Museum of American History, Smithsonian Institution

#### **SERVICE (partial)**

##### **University**

1995-present Member, Texas A&M University Institutional Review Board  
Past TOP Grant Awards Committee, Glascock Center for Study in the Humanities, Awards Committee

##### **Department**

Current: Tenure and Promotion Committee, Graduate Admissions Committee  
Past: Graduate Advisor, Graduate Admissions, Colloquium Committee, T&P Committees

##### **National**

Current: Board , ASWM (Association for the Study of Women & Mythology) Organizer, Discussant, 2011-17  
Past: Council, 4S (Society for the Study of Science & Technology) Awards, Discussant, Session Organizer

**SYNERGISTIC ACTIVITIES:** 3-year grant (The Bastrop Fires: Understanding ... Impacts) 2012-2015 to train graduate and undergraduate students in qualitative field methods while volunteering to aid wildfire victims. "Sociology In and Of New Orleans" 2007-2008 (funded course) to teach qualitative methods, involving students in real research while volunteering with grass-roots Common Ground and Habitat for Humanity in New Orleans, post Hurricane Katrina.