

**BARBARA HERR HARTHORN**

Director and PI, NSEC: Center for Nanotechnology in Society at UCSB  
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**(i) Professional Preparation**

Bryn Mawr College	Anthropology	BA, 1973, departmental honors
UCLA	Anthropology	MA, 1975, PhD 1983
UC Santa Barbara	Social Psychology	Postdoctoral training 1984-1987

**(ii) Appointments**

2006-present	Associate Professor, Feminist Studies, Anthropology, & Sociology UC Santa Barbara; Director, NSF Nanoscale Science and Engineering Center: Center for Nanotechnology in Society, UC Santa Barbara
2000-2005	Associate Director, Institute for Social, Behavioral, and Economic Research (ISBER), UC Santa Barbara,
1994-2006	Co-Director, Center for Global Studies; Director, Social Science Research Development; Associate Research Anthropologist, ISBER; affiliated faculty, Latin American and Iberian Studies, UC Santa Barbara
1989-1993	Associate Director, Interdisciplinary Humanities Center, UC Santa Barbara
1984-1987	Postdoctoral Researcher and Project Director, Department of Psychology, UC Santa Barbara

**(iii) Publications****(a) 5 publications most closely related to proposed project**

- Pidgeon, N, **Harthorn, B.**, Bryant, K, Rogers-Hayden, T. 2009. Deliberating the risks of nanotechnologies for energy and health applications in the United States and United Kingdom. *Nature Nanotechnology* 4:95-98.
- A. D. Ostrowski, T. Martin, J. Conti, I. Hurt, **B. H. Harthorn**. 2009. Nanotoxicology: characterizing the scientific literature, 2000–2007. *Journal of Nanoparticle Research* 11:251-257.
- Conti, J. A., K., Killpack, G. Gerritzen, L.Huang, M. Mircheva, M. Delmas, **B. H. Harthorn**, R. P. Appelbaum, and P.A. Holden. 2008. Health and safety practices in the nanomaterials workplace: Results from an international survey." *Environmental Science & Technology*
- Harthorn, B.H.**, P.M. McCray, and T. Satterfield. 2006. "Anthropological research at the UCSB Center for Nanotechnology in Society," *Practicing Anthropology* 28(2):38-40.
- Harthorn, B. H.** 2003. Safe exposure? Perceptions of risks from agricultural chemicals among California farmworkers, in *Risk, Culture, and Health Inequality: Shifting Perceptions of Danger and Blame*, B. Herr Harthorn and L. Oaks, eds., pp. 143-163. Westport, CT: Praeger.

**(b) Other significant publications**

- Harthorn, B. H.** and L. Oaks, eds. 2003. *Risk, Culture, and Health Inequality: Shifting Perceptions of Danger and Blame*. Westport, CT: Praeger.
- Oaks, L, and **B. H. Harthorn**. 2003. Health and the social and cultural construction of risk. Introductory chapter in *Risk, Culture, and Health Inequality: Shifting Perceptions of Danger and Blame*, B. Herr Harthorn and L. Oaks, eds., pp.3-11. Westport, CT: Praeger
- Guendelman, S., C. Malin, **B. Herr-Harthorn**, & P. Vargas. 2001. Orientations to motherhood among pregnant Mexican and Mexican-origin women: A bi-national study. *Social Science and Medicine* 52:1805-1813.
- M. Goodchild, L. Anselin, R. Appelbaum, & **B. Herr Harthorn**. 2000. Toward a spatially integrated social science, *International Regional Science Review* 23(2):139-159.
- Harthorn, B. H.** 1998. "California Farmworkers: Dilemmas in Developing Interventions for Health and Medical Care Concerns," *Human Organization* 57 (3):369-378.

#### **(iv) Synergistic activities**

1) Director, NSF NSEC: Center for Nanotechnology in Society-University of California, Santa Barbara, 2006-2010. Center includes undergraduate and graduate training program and public engagement programs; Working Group leader, Risk Perception and the Public Sphere, includes social science and nanoscale science graduate and undergraduate interns, and social science postdocs.

- Leader of nanoscience expert study, public risk perception survey research, and comparative US-UK public deliberation research
- Lead member of NSF Nanotechnology in Society Network; NSEC PI network; founding member of Society for Study of Nanoscience and Emerging Technology (S-NET).
- Leader of highly interdisciplinary center, closely partnered with Nanoscale Science and Engineering research enterprise.

2) Research Executive Committee and IRG 7 leader, NSF/EPA UC Center for Environmental Implications of Nanotechnology (2008-2013); leads environmental risk perception and communication research group in leading nanotoxicology research center

3) Feminist Studies, UCSB; teach diverse undergraduate students; teach Gender, Science and New Technology course (FS 132); teach undergraduate research methodologies course (FS 182); train graduate students in culture, health, & inequality

4) Chair and Organizer in numerous sessions, panels, and events in national and international scholarly organization meetings on emerging nanotechnologies and society, gender, race, and health inequality and perception of risk; reviewer for numerous journals, publishers, and federal agencies

#### **(v) (a) Co-authors, co-editors, and collaborators in past 5 years**

Richard Appelbaum, Sociology and Global and International Studies, UC Santa Barbara; Bruce Bimber, Political Science and Communication, UC Santa Barbara; Magali Delmas, Bren School for Environmental Science and Management, UC Santa Barbara; William Freudenburg, Environmental Studies, UC Santa Barbara; UC Santa Barbara; Patricia Holden, Environmental Science and Management, UC Santa Barbara; Evelyn Hu, California NanoSystems Institute and Materials Science, UC Santa Barbara; W. Patrick McCray, History of Science, UC Santa Barbara; Laury Oaks, Feminist Studies, UC Santa Barbara; Nick Pidgeon, Social Psychology, Cardiff University, Wales, UK; Andre Nel, Nanomedicine, UCLA; Chris Newfield, English, UC Santa Barbara; Terre Satterfield, Environmental Risk and Management, University of British Columbia; Susan Stonich, Anthropology, Environmental Studies, UC Santa Barbara

**(b) Graduate and Postdoctoral Advisors** R.B. Edgerton, UCLA (Emeritus, Doctoral Advisor); S. M. Andersen, NYU (Postdoctoral Research Advisor); J.G. Kennedy, UCLA; L. L. Langness, UCLA.

**(c) Graduate Committees in past 5 years.** Hillary Haldane, Anthropology, UCSB (advisor); LaShaune Johnson, Sociology, UCSB; Dana Petersen, Anthropology (MA), UCSB; Sarah

Rodriguez, Sociology, UCSB; Amy Nawatani, Graduate School of Education, UCSB; Pamela Weiant, Interdisciplinary Graduate Program in Marine Science, UCSB.

**(c-ii) Postdoctoral Scholars mentored in past 5 years.** Phillip McCarty, CNS postdoc fellow, UCSB