

JOHN A. HILDEBRAND

Professor Scripps Institution of Oceanography
Adjunct Professor Department of Electrical and Computer Engineering
University of California, San Diego
La Jolla, CA 93093-0205

EDUCATION: B.S., UCSD, 1978; Ph.D., Stanford, 1983

PROFESSIONAL EXPERIENCE:

Professor, Scripps Institution of Oceanography,
University of California, San Diego 1995-present
Associate Professor, Scripps Institution of Oceanography,
University of California, San Diego 1991-1995
Assistant Professor, Scripps Institution of Oceanography,
University of California, San Diego 1988-1990

PROFESSIONAL SOCIETIES

Acoustical Society of America (Fellow and Member of Executive Committee)
Society for American Archaeology, Society for California Archaeology

RESEARCH INTERESTS

Marine Acoustics; Geodesy; Near Surface Geophysical Prospecting;
Offshore Cultural Resources; Archaeological Ceramic Analysis.
Field studies in Southern California, Southwest, and Peru.

SELECTED REFERENCES – ARCHAEOLOGY:

- Hildebrand, J. A., S. M. Wiggins, J. L. Driver, and M. R. Waters. Rapid seismic reflection imaging at the Clovis period Gault site in central Texas. **Archaeological Prospection** 14(4): 245-260. (2007).
- Hildebrand, J. A. *Ceramics Excavated in the Lower Colorado River Region by the North Baja Gas Pipeline*, in **A View Across the Cultural Landscape of the Lower Colorado Desert: Cultural Resource Investigations for the North Baja Pipeline Project**, edited by James H. Cleland and Rebecca M. Apple, pp. 245-260 (2003).
- Bowles J., Gee J., Hildebrand J., and Tauxe L. Archaeomagnetic intensity results from California and Ecuador: evaluation of regional data. **Earth & Planetary Science Letters**. 203: 967-981, (2002).
- Hildebrand, J.A., P.C., Henkart, S.M. Wiggins, and L.B., Conyers Comparison of Seismic Reflection and Ground-Penetrating Radar Imaging at the Controlled Archaeological Test Site, Champaign Illinois. **Archaeological Prospection**, 9:9-21, 2002.
- Hildebrand, J. A., G.T. Gross, J. Schaefer, and H. Neff, Patayan ceramic variability: Using trace element and petrographic analysis to study brown and buff wares in southern California. In: **Ceramic Production and Circulation in the Greater Southwest**, Edited by D. Glowacki and H. Neff, Monograph 44, Cotsen Institute of Archaeology, UCLA, pp. 121-139, 2002.
- Hildebrand, J.A., and M. B. Hagstrum New approaches to ceramic use and discard: cooking pottery from the Peruvian Andes in ethnoarchaeological perspective. **Latin American Antiquity**, 10, 25-46, 1999.
- Hildebrand, J.A. and M.B. Hagstrum. Observing subsistence change in native southern California: The late prehistoric Kumeyaay. **Research in Economic Anthropology** 16:85-127. (1995).
- Hagstrum, M.B. and J. A. Hildebrand The two-curvature method for vessel reconstruction. **American Antiquity** 55(2):388-403. (1990).