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EDUCATION

Ph.D. – May 2002 from Arizona State University, Tempe, AZ, Anthropology
Dissertation titled *Land Use and Land Abandonment: A Case Study from the Wadi al-Hasa, West-Central Jordan*.

Committee: Dr. Geoffrey A. Clark (co-chair), Dr. C. Michael Barton (co-chair), Dr. Charles L. Redman, Dr. Steven Falconer

M.A. – August 1995 from Arizona State University, Tempe, AZ, Anthropology
Thesis titled *Ecological Variability and Economic Specialization*.

Committee: Dr. Katherine A. Spielmann (chair), Dr. George L. Cowgill, Dr. C. Michael Barton, Dr. Peter McCartney

B.A. – June 1984 from University of Colorado, Boulder, CO, Anthropology

RESEARCH INTERESTS

Human Ecology, Landscape Dynamics, Complex Societies, Geographic Information Systems (GIS), Spatial Analysis, The Near East, the North American Southwest.

RESEARCH EXPERIENCE

Preservation Archaeologist, Center for Desert Archaeology, Tucson AZ. Aug. 2002 – Present.

Managed GIS program including *Coalescent Communities* database of Classic Period sites in greater Southwest, Ecological elements of NSF funded *Precontact Population Decline and Coalescence in the Southern Southwest*, and Predictive Modeling work for *Santa Cruz River Valley National Heritage Area* proposal.

Graduate Research Fellow, Wadi al-Hasa Holocene Human Ecology Project, American Center of Oriental Research, Amman and Wadi al-Hasa, Jordan, March – May 1999. Studied geoarchaeology of Holocene period sites in Wadi al-Hasa and collected LandSat classification data. Conducted background library research at ACOR library on history and archaeology of Jordan.

- Graduate Research Fellow, ASU Archaeological Research Institute, Tempe, AZ., Aug. 1997 – Aug. 1998. Developed GIS and geoarchaeological analyses of the effects of prehistoric floodwater farming on erosion in the Tonto Basin, central Arizona.
- Field Crew, Eastern Hasa Late Pleistocene Project, Wadi al Hasa, Jordan, May – July 1997. Crew member on testing project of Upper Paleolithic rock shelters on Transjordanian Plateau.
- Field Crew, Jordan Valley Village Project, Tell Abu en Niaj, Jordan, Dec. 1996 – Jan. 1997. Crew Member on excavation of Early Bronze IV village site in Jordan Valley.
- Field Crew, 'Ain Ghazal Excavation Project, Jordan, June – Aug. 1996. Crew member on excavation at Neolithic village site of 'Ain Ghazal.
- Field Crew, Sydney Cyprus Survey Project, Mitsero Cyprus, May – June 1996. Crew member on survey project focusing on Bronze Age through Medieval period sites.
- Research Assistant, ASU Anthropology Department, Tempe, AZ., Aug. – Dec. 1995. Created GIS of Salinas and Galisteo areas of central New Mexico and analysis of agricultural potential of PIV pueblo site catchments.
- Field Crew, Pecos National Park, Pecos, New Mexico, May – Aug. 1995. Crew member on archaeological survey of newly acquired park resources. Primary responsibilities were site mapping and GPS recording.
- Technical Consultant, ASU Anthropology Department, Tempe, AZ., Dec. 1994 – May 1995. Created GIS of Four Corners region for Mark Varien's G.R.S.O. Dissertation Grant.
- Research Assistant, ASU Anthropology Department, Tempe, AZ., July – Aug. 1994. Assisted in creation of GIS for P.A.L.M archaeological survey in Veracruz Mexico.
- Field Crew, Archaeological Research Services, Tempe, AZ., June 1994. Crew member on archaeological survey in central AZ.
- Technical Assistant, Office of Cultural Resources Management, ASU Tempe, AZ., Jan. – March 1994. Digitized topographic maps for the Roosevelt Platform Mound Project of Tonto Basin, AZ.
- Research Assistant, ASU Anthropology Department, Tempe AZ., Sept. – May 1993. Digitized excavation plans and profiles from 1993 field season at Quarai Pueblo, Salinas Pueblo Missions National Monument, NM.

Teaching Assistant, ASU Archaeological Field School, Quarai Pueblo, Salinas Pueblo Missions National Monument, New Mexico, June – July 1993. Assisted in direction of excavation and teaching field school students methods of data recovery.

Technical Assistant, ASU Anthropology Department, Tempe Az., Aug. 1992 – May 1993. Created GIS for cultural resources surveys in Payson Federal Land Exchange.

Field Crew, Archaeological Consulting Services, Inc., Tempe, Az. May – Sept. 1992. Crew member on excavation projects at multiple Hohokam sites in central Arizona.

Field Crew, Alpine Archaeological Consultants, Montrose, Colo. April – Aug. 1991. Crew member on survey and excavation of prehistoric sites in Wyoming, Utah, New Mexico and Colorado.

Field Crew, Essex County Planning Department, Archaeology Section, Crossing Temple, Essex, England, July – Oct. 1990. Crew member on excavation of Medieval - Tudor period site at Templar preceptory.

Artifact Analyst, Service Archeologique, Musee de Douai, Douai, France, Nov. 1989 – May 1990. Analyzed and illustrated artifacts for publication of field report of Medieval site, Chateau of the Count of Flanders, 'La Fonderie'.

Assistant Site Supervisor, Service Archaeologique, Musee de Douai, June – Oct. 1989. Supervised field crew in the excavation of Medieval fortified chateau at 'Estrees'. Project Draftsman.

Assistant Site Supervisor, Service Archaeologique, Musee de Douai, June 1988 - Jan. 1989. Supervised field crew in excavation of Medieval fortified chateau at 'Ecaillon' and Medieval textile complex at 'Rue de Kiosque'. Project Draftsman.

Field Crew, Caesarea Ancient Harbor Excavation Project, Caesarea, Israel, May – June 1988. Crew member on underwater survey and excavation of Roman harbor at ancient city of Caesarea Maritima.

Field Crew, Colorado Archaeological Society, Deer Creek Canyon and Rocky Mountain National Park, Colorado, Aug. – Sept. 1987. Crew member on survey project of Forest Canyon Pass.

RELATED EXPERIENCE

Historic Preservation Specialist, Environmental Planning Group – Arizona Department of Transportation, Phoenix AZ. Aug. 2001 – July 2002. Managed compliance with state and federal historic preservation laws on ADOT projects.

Research Assistant, Archaeological Research Institute/Center for Environmental Studies, ASU. Tempe, AZ., July 1999 – Jan. 2001. Assisted development and maintenance of spatial database and access tools for AZSITE statewide archaeological database.

Research Assistant, Archaeological Research Institute, ASU Anthropology Department. Tempe, AZ., Sept. 1998 – Feb. 1999. Developed GIS Internet Map Server to publish Roosevelt Platform Mound Study data on ARI Web page.

Staff, ASU Anthropology Department. Tempe, AZ., Oct. – Dec. 1996. Advisor and technical assistant maintaining department computers.

GIS Intern, Arizona State Land Department, Phoenix AZ., May – Aug. 1993. Studied the use of *ARC/INFO* GIS software and its application to the Arizona Land Resources Information System.

Archaeology Intern, State Historic Preservation Office, Phoenix, AZ., Oct. 1992 – Aug. 1993. Assisted in coordinating 'Section 106' compliance procedures and managed SHPO reference library.

Collections Inventory Assistant, ASU Anthropology Department, Tempe, AZ., Feb. – May 1992. Inventoried archaeological collections held by Anthropology Department.

TEACHING EXPERIENCE

Instructor, Anthropology Department, Arizona State University, Tempe, AZ. Aug. – Dec. 2001.
Human Impact on the Environment: An Archaeological Perspective.

Instructor, Anthropology Department, Arizona State University, Tempe, AZ. Jan. – May 2001.
Human Impact on the Environment: An Archaeological Perspective.

Instructor, Anthropology Department, Arizona State University, Tempe, AZ. July – Aug. 2000.
Human Origins and the Development of Culture.

Instructor, Anthropology Department, Glendale Community College, Glendale, AZ. Aug. – Dec. 1998. *Buried Cities and Lost Tribes: Our Human Heritage*.

Teaching Assistant, ASU Anthropology Department. Tempe, AZ., Aug. – Dec. 1998. *Human Origins and the Development of Culture*.

Teaching Assistant, ASU Anthropology Department. Tempe, AZ., Jan. – May 1997. *History of Anthropology*.

Teaching Assistant, ASU Anthropology Department. Tempe, AZ., Aug. – Dec. 1999. *Buried Cities and Lost Tribes: Our Human Heritage*.

Teaching Assistant, ASU Anthropology Department. Tempe, AZ., Jan. – May 1996. *Human Impact on the Environment: An Archaeological Perspective*.

Teaching Assistant, ASU Anthropology Department. Tempe, AZ., Jan. – May 1995. *Introduction to Social/Cultural Anthropology*.

Teaching Assistant, ASU Anthropology Department. Tempe AZ., Jan. – May 1994. *Introduction to Social/Cultural Anthropology*.

PUBLICATIONS

Hill, J. Brett, Jeffery J. Clark, William H. Doelle and Patrick D. Lyons
2004 Prehistoric Demography in the Southwest: Migration, Coalescence and Hohokam Population Decline. *American Antiquity* 69(4) 689-716.

Hill, J. Brett
2004 Land Use and an Archaeological Perspective on Socio-Natural Studies in the Wadi al-Hasa, West Central Jordan. *American Antiquity* 69(3) 389-412.

Hill, J. Brett
2004 Time, Scale and Interpretation: 10,000 Years of Land Use on the Transjordan Plateau, Amid Multiple Contexts of Change, In *Mediterranean Archaeological Landscapes: Current Issues*, Edited by E. F. Athanassopoulos and L. Wandsnider, Pp. 125-142. University of Pennsylvania Museum Publications, Philadelphia.

Colwell-Chanthaphonh, Chip, and J. Brett Hill
2004 Mapping History: Cartography and the Construction of the San Pedro Valley. *History and Anthropology* 15, 175-200.

Hill, J. Brett

- 2001 The Role of Environmental Degradation in Long Term Settlement Trends in Wadi al-Hasa, West-Central Jordan. In *Studies in the History and Archaeology of Jordan VII*. Edited by G. Bisheh, Pp. 79-83. Amman: Department of Antiquities of Jordan.

Hill, J. Brett

- 2001 Geoarchaeological Research of Holocene Occupations in the Wadi Al-Hasa: A Preliminary Report on the 1999 Season. *Annual of the Department of Antiquities of Jordan* 44, 11-17.

Hill, J. Brett

- 2000 Decision Making at the Margins: Settlement Trends, Temporal Scale, and Ecology in the Wadi al Hasa, West-central Jordan. *Journal of Anthropological Archaeology* 19, 221-241.

Olszewski, Deborah I., Nancy R. Coinman, Joseph Schuldenrein, Todd Clausen, Jason B. Cooper, Jason Fox, J. Brett Hill, Maysoun Al-Nahar and John Williams

- 1998 The Eastern al-Hasa Late Pleistocene Project: A Preliminary Report on the 1997 Season. *Annual of the Department of Antiquities of Jordan XLII*:53-74.

Hill, J. Brett

- 1998 Ecological Variability and Agricultural Specialization Among the Late Prehistoric Pueblos of Central New Mexico. *Journal of Field Archaeology* 25, 275-294.

Herhahn, Cynthia L. and J. Brett Hill

- 1998 Modeling Agricultural Production Strategies in the Northern Rio Grande Valley, New Mexico. *Human Ecology* 26, 469-487.

Hill, J. Brett

- 1998 Agricultural Production and Specialization Among the Eastern Anasazi During the Pueblo IV Period, In *Migration and Reorganization: The Pueblo IV Period in the American Southwest*. Edited by K. A. Spielmann. Pp 209-218, Tempe, Arizona State University Anthropological Research Paper, 51.

Olszewski, Deborah I. and J. Brett Hill

- 1997 Renewed Excavations at Tabaqa (WHS 895), an Early Natufian Site in the Wadi al-Hasa, Jordan. *Neo-Lithics 3/97 A Newsletter of Southwest Asian Lithics Research* 3/97:11-12.

Willermet, Catherine M. and J. Brett Hill

- 1997 Fuzzy Set Theory and Its Implications for Speciation Models, In *Conceptual Issues in Modern Human Origins Research*. Edited by G. A. Clark and C. M. Willermet. Pp 77-88, New York, Aldine de Gruyter.

CONFERENCE PARTICIPATION

Hill, J. Brett, Jeffery J. Clark, William H. Doelle and Patrick D. Lyons

- 2004 *Prehistoric Demography in the Southwest: Migration, Coalescence, and Hohokam Population Decline*. Paper presented at the 1st annual Archaeological Sciences of the Americas Symposium, Tucson, AZ.

Hill, J. Brett

- 2004 *Land Use and an Archaeological Perspective on Socio-Natural Studies in the Wadi Al-Hasa, West Central Jordan*. Paper presented at annual meeting of the Society for American Archaeology, Montreal, Que.

Hill, J. Brett, Christopher Fisher and Charles L. Redman

- 2004 *The Socio-Natural Connection: Integrating Archaeology and Environmental Studies for 21st Century Conservation*. Symposium organized at annual meeting of the Society for American Archaeology, Montreal, Que.

Doelle, William H. and J. Brett Hill

- 2004 *The Decline of the Hohokam: Demography in the Long Term*. Paper presented at annual meeting of the Society for American Archaeology, Montreal, Que.

Hill, J. Brett

- 2003 *Land Use and Land Abandonment: A Case Study from the Wadi al-Hasa, West-Central Jordan*. Paper presented at annual meeting of the Society for American Archaeology, Milwaukee, WI.

Doelle, Willaim H. and J. Brett Hill

- 2003 *Large Sites, GIS and a Regional Perspective: Broadening our View of Southwestern Archaeology*. Paper presented at annual meeting of the Society for American Archaeology, Milwaukee, WI.

Hill, J. Brett

2001 *Time, Scale and Interpretation: 10,000 Years of Settlement on the Transjordan Plateau Amid Multiple Contexts of Change*. Paper presented at annual meeting of the Society for American Archaeology, New Orleans, LA.

Hill, J. Brett

1998 *A Spatial Analysis of the Role of Environmental Degradation in Long Term Settlement Trends in the Wadi al-Hasa of West Central Jordan*. Paper presented at annual meeting of the Society for American Archaeology, Seattle, WA.

Hill, J. Brett

1996 *Ecological Variability and Economic Specialization In the Salinas Pueblos, East Central New Mexico*. Paper presented at annual meeting of the Society for American Archaeology, New Orleans, LA.

Hill, J. Brett

1995 *Early Historic Environmental Mismanagement in the Rio Grande Area*. Poster presented at annual meeting of the Society for American Archaeology, Minneapolis, MN.

Hill, J. Brett

1994 *Environmental Degradation and Colonial Intervention in the Salinas Province of New Mexico*. Paper presented at annual meeting of the Society for American Ethnohistory, Tempe AZ.

AWARDS AND HONORS

2004 Co-Principal Investigator on grant to study *Precontact Population Decline and Coalescence in the Southern Southwest*, National Science Foundation, Archaeology Division.

1998 Near and Middle East Research and Training Program Fellowship, American Center of Oriental Research for travel and dissertation research in Jordan.

1998 Grant from Graduate Research Support Office, Arizona State University to fund transportation expenses while in Jordan conducting dissertation research.

1997 Graduate Research Fellowship, Archaeological Research Institute, Arizona State University to develop techniques of evaluating prehistoric erosion using GIS.

1996 Research and Development Award, Department of Anthropology, Arizona State University for travel to Jordan to begin dissertation research.

1994 Research and Development Award, Department of Anthropology, Arizona State University
for GIS data acquisition for MA research.

PROFESSIONAL MEMBERSHIPS

Society for American Archaeology
American Schools of Oriental Research
Arizona Archaeological and Historical Society
Sigma Xi Scientific Research Society

REFERENCES

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