

ALEXIA SMITH

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EDUCATION

- 1998–2005** **BOSTON UNIVERSITY** **BOSTON, MA**
Doctoral degree in Archaeology.
• Thesis: Climate, Culture, and Agriculture: Examining Change in the Near East during the Bronze and Iron Ages.
• Studies and research funded in part by: Boston University, the *Journal of Field Archaeology*, National Science Foundation Grant No. 0210651, Sigma Xi, and the American Schools of Oriental Research.
- 2000** **BOSTON UNIVERSITY** **BOSTON, MA**
Graduate Certificate in African Studies. Research focused on environmental history and food production in Turkana, northwest Kenya.
- 1997–1998** **BOSTON UNIVERSITY** **BOSTON, MA**
Master of Arts degree in Archaeological Studies.
• Thesis: “The Relevance of Archaeological Studies in Ancient Agricultural Systems to Marginal Regions of the World.”
• Funded by Fulbright Fellowship and a Dean’s Scholarship from Boston University.
- 1996** **UNIVERSITY OF CAMBRIDGE** **ENGLAND**
Certificate in the Teaching of English as a Foreign Language to Adults.
- 1994–1995** **UNIVERSITY OF NEWCASTLE-UPON-TYNE** **ENGLAND**
AND UNIVERSITI PERTANIAN MALAYSIA **MALAYSIA**
Master of Science degree, with Distinction (*Summa Cum Laude*), in Irrigation.
• Thesis: “The Impact of Agriculture and Drainage Water Recycling on Water Quality in the MUDA Area, Kedah, Malaysia.”
• Funded in full by a Scholarship from the Ministry of Agriculture, Fisheries, and Food.
- 1991–1994** **UNIVERSITY OF NEWCASTLE-UPON-TYNE** **ENGLAND**
Bachelor of Science degree, with First Class Honours (*Summa Cum Laude*), in Agriculture and Environmental Science with Honours in Terrestrial Ecology.
• Thesis: Conducted in conjunction with Zeneca Plc. on “The Biodegradation of Biopol Film in Different Soils under different Moisture Regimes.”

RESEARCH INTERESTS

Agriculture and the environment, climate change, palaeoethnobotany, environmental archaeology, archaeology of Southwest Asia, environmental history of Africa, sustainable agriculture, agricultural development, quantitative methods, and GIS.

TEACHING

- Aug 2005–** **UNIVERSITY OF CONNECTICUT** **STORRS, CT**
Assistant Professor in Residence. Responsibilities include teaching undergraduate and graduate level classes.
- Summers 2002, 2003** **BOSTON UNIVERSITY** **BOSTON, MA**
Lecturer for Boston University Summer School. AR100, “Great discoveries in Archaeology.” Taught undergraduate students in intensive summer school program.
- Sep 1998–May 1999** **BOSTON UNIVERSITY** **BOSTON, MA**
Teaching Fellow. AR102, “Introduction of Science into Archaeology.”
- Dec 1996–Jun 1997** **INSTITUTE OF MODERN LANGUAGE** **GRANADA, SPAIN**
Teacher of English as a Second Language (ESL). Taught ESL to children and adults with levels ranging from Elementary to Advanced. Prepared students for the Cambridge First Certificate Examination.
- Sep 1994–May 1995** **UNIVERSITY OF NEWCASTLE-UPON-TYNE** **ENGLAND**
Soil Science Tutor. Conducted tutorials for undergraduates and taught soil science and micro-biology laboratory sessions.

RELEVANT EXPERIENCE

- 2002–present** **TELL QARQUR** **QARQUR, SYRIA**
Palaeoethnobotanist. Analyze plant remains, conduct botanical surveys of region surrounding site, collect comparative botanical material, and interview farmers regarding pre-mechanized farming.
- 1999–present** **ÇADIR HÖYÜK** **PEYNIRYEMEZ, TURKEY**
Palaeoethnobotanist. Analyze plant remains, conduct flotation of all samples, collect comparative botanical material, and interview farmers regarding modern and pre-mechanized farming.
- Sep 1999–May 2004** **BOSTON UNIVERSITY** **BOSTON, MA**
Journal Fellow for the Journal of Field Archaeology. Corresponded with authors and reviewers, proofread, and typeset articles for final publication.
- May 1995–Aug 1995** **MUDA IRRIGATION SCHEME** **KEDAH, MALAYSIA**
Conducted research for Master’s thesis in conjunction with the Universtiti Pertanian Malaysia, the Department of Microbiology at the University of Penang, and the Malaysian Agricultural Research and Development Institute. Set up a water chemistry analysis laboratory, analyzed chemical and microbial quality of irrigation water, and conducted interviews with farmers regarding water quality and crop production.
- Sep 1991–May 1994** **UNIVERSITY OF NEWCASTLE-UPON-TYNE** **ENGLAND**
Fieldwork training in the Newcastle area included: Agriculture Environment Field Course; Ecology Field Course (including vegetation surveys); Soil Pedology Field and Laboratory Course (including soil survey near Hadrian’s Wall).

GRANTS/FELLOWSHIPS

- Jun 2004–Jan 2005** Cora du Bois dissertation writing fellowship, administered by the Department of Anthropology, Harvard University.
- Mar 2004** Harris/Torch Grant, Committee on Archaeological Policy, American School of Oriental Research.
- Dec 2003** Graduate Student Organization Travel Grant, Boston University.
- Sep 1999–May 2004** Four sequential *Journal* Fellowships, awarded annually by the *Journal of Field Archaeology* at Boston University.
- Sep 2002–May 2004** Two sequential Sarah Bradley Tyson Memorial Fellowships, awarded annually by the Woman’s National Farm and Garden Association.
- Sep 2002–May 2003** Boston University Women’s Guild Scholarship, the Boston University Women’s Guild.
- May 2002–May 2003** National Science Foundation Doctoral Dissertation Research Improvement Grant (Grant No. 0210651).
- Nov 2002** Dorot Travel Scholarship, American School of Oriental Research.
- Dec 2001–Dec 2002** Grant-in-Aid of Research from the National Academy of Sciences, administered by Sigma Xi, The Scientific Research Society.
- Sep 2001–May 2002** Eleanor Ludcke Scholarship awarded by the Boston University Women’s Council.
- Sep 1998–May 1999** Teaching Fellowship at Boston University.
- Sep 1997–May 1998** Fulbright Fellowship awarded by the Fulbright Commission.
- Sep 1997–May 1998** Dean’s Scholarship awarded by Boston University.
- Sep 1994–Aug 1995** Full Scholarship for M.Sc. in Irrigation awarded by the Ministry of Agriculture, Fisheries, and Food.
- Sep 1994–May 1995** Teaching Assistantship at the University of Newcastle-upon-Tyne.

LANGUAGES

Reading knowledge of French, German, Italian and Spanish.
Intermediate conversational Spanish.

PROFESSIONAL AFFILIATIONS

Sigma Xi (2002–present)
American Schools of Oriental Research (2001–present)
Society for American Archaeology (2002–present)

PUBLICATIONS

- 2005 "Review of Environmental Archaeology and the Social Order by John G. Evans," *Journal of Field Archaeology* 30(1): 110–114.
- in press "Examining Agriculture and Climate Change in Antiquity: Practical and Theoretical Considerations," in M. Madella and M. Savard, eds., *Ancient Plants and People—Contemporary Trends in Archaeobotany*. University of Arizona Press.
- in press "Methods of Agriculture in Antiquity" (Introduction to the section on Agriculture), (2005) *Encyclopaedia of the History of Science, Technology and Medicine in Non-Western Cultures*. The Netherlands: Kluwer Academic Publishers.
- in press "Plant Use at Cadır Höyük, Central Anatolia," in Ronald L. Gorny, Gregory McMahon, and Sharon R. Steadman, eds., *Cadır Höyük: Archaeological Evidence for Social Restructuring in Central Turkey. The Alişar Regional Project 1993–2003*. American Schools of Oriental Research, Archaeological Reports: Cambridge, MA.
- in press "Wine in Anatolia," *Encyclopaedia of the History of Science, Technology and Medicine in Non-Western Cultures*. The Netherlands: Kluwer Academic Publishers.

PROFESSIONAL PRESENTATIONS

- 20 Nov 2004 "Bronze and Iron Age Farming in Syria: Our Current Understanding and Current Constraints," American Schools of Oriental Research Annual Meeting, San Antonio, Texas.
- 2 Apr 2004 "Bronze and Iron Age Agriculture in Syria: A View from Tell Qarqur," Society of American Archaeology 69th Annual Meeting, Montreal, Québec Canada (Symposium on Climate, Plant Exploitation and Social Change: A Worldwide Perspective).
- 19 Nov 2003 "Bronze Age and Iron Age Agriculture in Syria: A Regional Approach," American Schools of Oriental Research Annual Meeting, Atlanta, Georgia.
- 28 Jun 2003 "Reconstructing Climate around Lake Turkana, Kenya: A Historical Approach," 10th International Lake Environment Committee and 46th Annual Conference on Great Lakes Research, *Global Threats to Large Lakes: Managing in an Environment of Instability and Unpredictability*, Chicago, Illinois.
- 21 Nov 2002 "The Palaeoethnobotany of Tell Qarqur, Syria: Plant Use during the Bronze and Iron Ages," American Schools of Oriental Research Annual Meeting, Toronto, Canada.
- 11 Nov 2000 "A Historical Account of the Environment in Turkana, Kenya. Degradation versus Change," The 6th Annual Graduate Student Conference at Boston University, *Siteless Archaeology: Contextualizing People and their Landscape*, Boston MA.