

George Herbst

Department of Anthropology
University of California
Santa Barbara, CA 93106
Email: gaherbst@umail.ucsb.edu

EDUCATION

2006 Advanced to Candidacy (C.ph.)-program Anthropology—University of California, Santa Barbara
2001- PhD program Anthropology – University of California, Santa Barbara
1999 MSc Archaeological Prospection – University of Bradford, Bradford, UK
1998 BA Anthropology – University of California, San Diego

TEACHING

2006 Adjunct Instructor – Department of Anthropology, San Diego City College
Fall Anth 102 Introduction to Physical Anthropology

2001-2006 Teaching Assistant – Departments of Anthropology and Black Studies, University of California, Santa Barbara

Fall 2001 Anth 2 Introduction to Cultural Anthropology – Taught by Matthea Cremers
Winter 2001 Anth 2 Introduction to Cultural Anthropology – Taught by Dave Crawford
Spring 2002 Anth 5 Introductory Physical Anthropology – Taught by Don Symons
Fall 2002 Anth 5 Introductory Physical Anthropology – Taught by Jean DeRousseau
Winter 2003 BLST 5 Blacks and Western Civilization – Taught by Otis F. Madison
Spring 2003 BLST 6 The Civil Rights Movement – Taught by Otis F. Madison
Summer 2003 BLST 1 Introduction to Afro-American Studies – Taught by Otis F. Madison
Spring 2004 Anth 5 Introductory Physical Anthropology – Taught by Steven Gaulin
Fall 2004 Anth 5 Introductory Physical Anthropology – Taught by Steven Gaulin
Spring 2005 Anth 2 Introduction to Cultural Anthropology – Taught by Robert Fletcher
Fall 2005 Anth 138TS Archaeology of Egypt – Taught by Stuart Smith
Spring 2006 Anth 3 Introduction to Archaeology – Taught by Stuart Smith
Fall 2006 Anth 176TS Ancient Egyptian Religion – Taught by Stuart Smith

EXPERIENCE

2004-present

Co-Director of the UCSB 4th Cataract Archaeological Salvage Project, Sudan (a concession of the Merowe Dam Archaeological Salvage Project)

Responsibilities include: managing project logistics; database development; directing survey, mapping and excavation. Investigative responsibilities include analysis of prehistoric materials and co-authoring publications.

2005-present

Field Director of Geophysical Survey for the UCSB Tombos Archaeological Project, Sudan

Responsibilities included: planning and coordination of geophysical surveys using multi-frequency electromagnetic induction (EMI) and vertical seismic profiling (VSP); post acquisition 3D data processing and analysis.

2005

Assistant Coordinator of the Central Coast Information Center, Santa Barbara, CA

Duties included: Providing information and documentation of known sites and previous archaeological surveys and reports; management of site records and reports archive and database; management of maps and mapped information.

2003 - 2004

District Archaeologist, Los Padres National Forest, Santa Barbara, CA

Archaeological specialist overseeing Heritage Resources for the Santa Barbara and Ojai Ranger Districts of the Los Padres National Forest. Responsibilities included: Operational management of archeological projects concerned with the preservation and management of cultural resources in areas of public works; identification, evaluation, and classification of resources and resource needs; technical assistance, consultation, and procedural supervision of archeological studies, programs and resource management/protection. Involved with planning and development of archeological/heritage resources program policy.

2002

Field supervisor/Geophysical Survey Specialist, Joint UCLA - Manchester University Domuz Tepe Archaeological Project in Karanmanmaras, Turkey

Geophysical specialist for the joint UCLA/University of Manchester archaeological project at Domuztepe, southeast Turkey. Geophysical techniques included magnetic (Cesium magnetometer) and multi-frequency electromagnetic induction (EMI). Responsibilities included planning and coordination of surveys, supervision of survey personnel and post acquisition data processing and analysis.

2001

Project Planner/Field Technician, EDAW (formerly KEA Environmental), San Diego, CA

Tasks and responsibilities included: project planning; geophysical consultation; testing and monitoring of Late Pleistocene/Early Holocene terrestrial and maritime (offshore) sites located along the southern California coast.

2000

Field Supervisor/Geophysical Survey Specialist, University of California, Santa Barbara, CA

Member of a field research team carrying out geophysical surveys and excavation in south-central Peru. Responsibilities included: supervision of excavation personnel; GIS data management; coordination of geophysical magnetic and Ground Penetrating Radar (GPS) surveys.

1999-2000

Associate Archaeologist/Digital Mapping Specialist, Gallegos & Associates, San Diego, CA

Responsibilities included: development and management of the digital mapping section using GIS and GPS survey systems; maintaining contact with clients and support personnel; production of report materials. Also involved in conventional survey, testing, excavation and monitoring. Received special training in soils and soils management concerned with local geologic and hydrologic issues.

PUBLICATIONS AND PAPERS

Herbst, George

in press—UCSB 00:01: preliminary assessments of a Late Neolithic Settlement at the Nile Third Cataract. *Nubian Studies 2006: proceedings from the 11th International Conference of Nubian Studies*

Smith, Stuart Tyson and George Herbst

in press—The Kerma Culture Beyond the Fourth Cataract: continuity in pottery styles from the UCSB concession to the Dongola Reach. *Nubian Studies 2006: proceedings from the 11th International Conference of Nubian Studies*

Sander, Agata and George Herbst

in press—The Rock Art at UCSB 05_05: a Late Neolithic site west of the Third Nile Cataract. *Nubian Studies 2006: proceedings from the 11th International Conference of Nubian Studies*

Herbst, George, Agata Sander and Gina Coulthard
in press—Reconnaissance of Neolithic Sites at the 3rd Cataract: Report from the 2005 Field Season. *African Reports* 5.

Smith, Stuart Tyson and George Herbst
2005 The UCSB West (Left) Bank Archaeological Survey from el-Kab to Mograt. *African Reports* 4:133-144.

AWARDS

2007 Graduate Student Research Fellowship, National Science Foundation, Award No. 0647055
2007 Graduate Student Research Fellowship, The David and Lucile Packard Foundation
2007 Spaulding Service Award, Department of Anthropology, UCSB
2006 Spaulding Service Award, Department of Anthropology, UCSB
2006 Travel Grant, Graduate Division, UCSB
2003 Pre-Dissertation Field Site Visit Travel Funds, UCSB
2003 Foreign Language and Area Studies (FLAS) Summer Fellowship, UCSB
2002 Pre-Dissertation Field Site Visit Travel Funds, UCSB
1999 Francis Raymond Hudson Memorial Fund
1997 Friends of the International Center, UCSD
1997 University of California, San Diego Summer Sessions Award

*See above for Teaching Assistantship awards

ADDITIONAL EDUCATION AND TRAINING

1991 Professional Association of Diving Instructors (PADI) Dive Master, San Diego, California
2000 Soils and soil management, Geo Soils Inc., Carlsbad, California
2000 Basic applications of Geographic Information Systems, UCSD
2000 Trimble GPS systems training, ASC Scientific, Carlsbad, California
2001 TOPCON total station training seminar, May 19, UCSB Dept. of Anthropology
2002 Technical Issues in Geographic Information Systems, UCSB Dept. of Geography
2002 Lab in Geographic Information Systems 2, UCSB Dept. of Geography

FUNCTIONAL SUMMARY

Professional skills:

- Application of digital mapping systems integrating GPS and total station systems with Geographic Information Systems (GIS)
- Advanced skills in the application of magnetic, electromagnetic, electrical methods of geophysical survey
- Assessment of archaeological fieldwork and sampling strategies
- The quantitative treatment, display and interpretation of survey data
- Mathematical and statistical approaches to archaeological data
- Pottery analysis including the use of Gas Chromatography Mass Spectrometry (GC/MS)
- Lithic analysis

General transferable skills:

- Project coordination and management
- Written and oral communication
- Independent learning and research
- Confident use of information technology