

**COLLEGE OF CHARLESTON  
FACULTY RESEARCH AND DEVELOPMENT COMMITTEE  
GRANT APPLICATION COVER SHEET**

(Deadlines are 5:00 pm on the dates shown below. Submit the complete grant application electronically to the Chair of the Faculty R & D Committee. Submit the cover sheet signed and dated to the Dean of the Graduate School by the 5:00 pm deadline.)

First Round (10/01/10)       Second Round\* (01/21/11)       Third Round (04/01/11)

NAME: James Newhard \_\_\_\_\_ RANK: Associate Professor \_\_\_\_\_

DEPARTMENT: Classics \_\_\_\_\_ PHONE: 843-953-5485 \_\_\_\_\_

PROPOSAL TITLE: State and Society in Rough Cilicia, Turkey \_\_\_\_\_

\*In which fiscal year will your project take place?  FY 10-11     FY 11-12

Please refer to the Guidelines to insure that you comply with conditions for the category of award you seek.

A copy of the guidelines may be found at the Faculty and Staff Resources link at  
[www.cofc.edu/graduateschool/facultystaff/index.php](http://www.cofc.edu/graduateschool/facultystaff/index.php)

Which category of award do you seek? (Check one)

Faculty Research Grant       Faculty Development Grant       Faculty Professional Support

Check all sub-categories that apply.

Starter Grant (Check if the period of the grant is during your tenure-track appointment as a faculty member at the College of Charleston and your proposal meets the Starter Grant criteria.)

Teacher-Scholar Grant (Check if your proposal meets the Teacher-Scholar Grant criteria..)

Continuous Study Award (Check if your proposal meets the Continuous Study Award criteria.)

Total Amount requested? \$ 1850.00

Have you received Faculty R & D support for a funding period in the calendar year 2010?

(Yes/No)  No (If yes, list the amounts and dates in the spaces below)

\_\_\_\_\_

Do you expect to receive funds from any other source for this project?

(Yes/No)  Yes (If yes, list the sources(s) and amount(s) of the funding below)

42,500 from LCWA for covering expenses during Summer 2011

Does the proposal involve research on human or vertebrate animal subjects? (Yes/No)  No

(If yes, include a brief statement describing the status of the Institutional Review Board (IRB) and/or Institutional Animal Care and Use Committee (IACUC) application. Such an approval must be obtained before research and development funds can be released.)

SIGNATURE, Applicant \_\_\_\_\_ Date \_\_\_\_\_

Department Chair/Dean: Funds for successful proposals will be transferred into the departmental R & D account.

SIGNATURE, Department Chair/Dean \_\_\_\_\_ Date \_\_\_\_\_

# **State and Society in Rough Cilicia, Turkey**

## **Project Summary**

A Faculty Research Grant is sought to cover air travel, room and board, and transportation costs in support of the final publication of the Göksu Archaeological Project (GAP) during the period of October 15 - 25, 2011. During the period of funding, I will be conducting a workshop with collaborators at Trent University, Canada, during which time a full review of submitted chapters will be reviewed, edited and put in place for final submission.

GAP was a 5-year (2002 - 2006) multidisciplinary project involving geologists, anthropologists, historians, architects, art historians, and classicists from the United States, Great Britain, Germany, Canada, and Turkey. I was a co-director of the project, and was responsible for designing and executing the intensive field survey. Preliminary results of my research have been disseminated to the scholarly community via peer-reviewed journal articles, presentations at national conferences, and the internet.

Despite the lack of any systematic investigation, the selected project area has been viewed as a socio-political and economic periphery to the more socially complex areas of the Anatolian Plateau and Cilician Plain. The project is testing current models of the political and economic integration of the region through the study of settlement patterns and land use. During the data collection phase, methods included extensive and intensive archaeological survey; geomorphological studies; and typological, petrographic, and geochemical analysis of ceramics and other artifacts.

The fieldwork for this project has ceased. The next step in the process is to complete the analysis of the artifacts in preparation for publication, which is to be completed by summer 2011. The final multi-volume monograph is currently under contract with the British Institute in Ankara, and we have approximately 20,000 of the final 65,000 words written. I serve as the main editor for the second volume, which contains chapters on the goals, methods, and specialized analytical papers. This form of 'final' publication is typical and expected within the discipline of classical archaeology, and the movement of this project to the final publication phase is the main goal of my sabbatical (Fall 2011),

Presenting this data will enable the researchers to understand the interaction of this region with other areas (particularly the Konya Plain to the north and the Cilician Plain to the south) and to more fully answer questions about the economic and political organization of the region. Intellectual merit of this research includes contributions to the understanding of local and regional political and economic structures in an unknown region of Cilicia. Broader intellectual contributions include further refined models of social organization, stability, and change in the region, and will be of relevance to the study of early state formation and interregional interactions in general.

**Budget**

	Cost
<b>Travel</b>	
Airfare \$650	\$ 650.00
Shuttle from Toronto \$200	\$ 200.00
<b>Room/Board</b> \$100/day x 10 days	\$ 1,000.00
<b>Total</b>	\$ 1,850.00

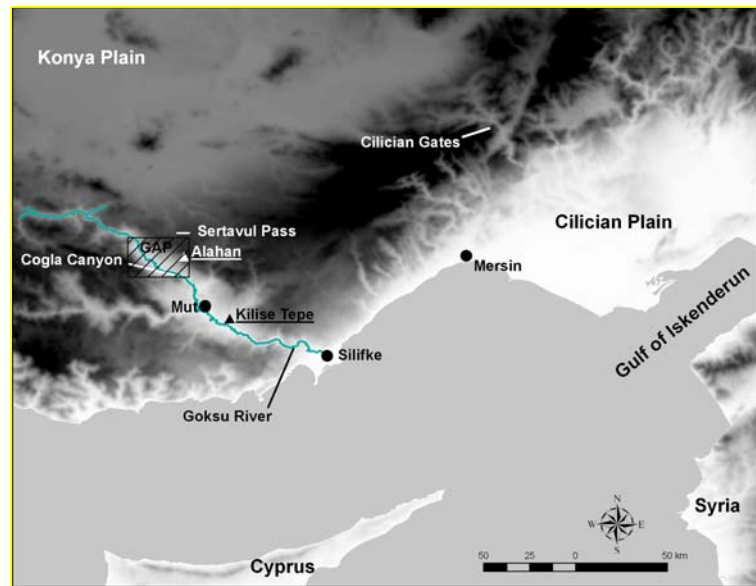
**Requested from R&D:      \$1,850.00**

## Reflections upon a Cilician Landscape: The Göksu Archaeological Project Study Season

### Introduction

Funding is sought to partially support my travel, room, and board during the publication phase of the Göksu Archaeological Project (GAP). As Field Director of the project, I hold a key role in guiding the research focus of the overall project and in logistical operations while in the field. Since 2004, I have been directly responsible for the planning and execution of the intensive survey, GIS, and geomorphological components of the project.

GAP is an investigation of the upper Göksu River Valley in southern Turkey, under the direction of Dr. Hugh Elton, Dean of Humanities at Trent University. The objective of the project is to explore the changing dynamics of human habitation and modification of the landscape using modern archaeological survey techniques, and to test current models regarding the historic and prehistoric uses of the region. Fieldwork consisting of intensive and extensive survey, architectural studies, and geomorphological analysis was conducted from 2002 to 2006 to gather data to address these questions. The research questions fit into larger discussions that deal with inter-regional interactions and their effects upon changes in social, political, and economic structures. Although attempts to explain these effects have occurred for some time, recent advances in theoretical constructs and methodology have brought these topics to the forefront of current scholarship. As a point of geographical and cultural contact between the Mediterranean, Levant, Cyprus, and the Konya Plain (French 1965, 1998; Mellaart 1954, 1958; Steadman 1996), the Göksu River Valley is an ideal place to study the interactions between cultural groups.



### Research Questions

In most instances, the archaeologist conducts fieldwork with a single research question in mind. This question – often framed as a series of testable "if-then" statements – then guides the methods of investigation. Diachronic surveys, however, often seek to address multiple research questions stemming from prior research focusing upon single periods and using specific theoretical approaches. For example, in the Göksu Valley Steadman (1994, 1996) employed World-Systems Theory to help understand the relationship of Cilicia in relation to the Uruk expansion in the 4th millennia BC. Taking a more cultural-historical approach, the site of Kilise Tepe in the lower Göksu Valley was excavated in the early-mid 1990s (Postgate 1998; Jackson and Postgate 1998), resulting in the characterization of ceramic forms at the site and their comparison to other

assemblages in the Cilician Plain and the Central Anatolian Plateau. Hill (1998), Elton (2002, 2003), and Gough (1978, 1985) have explored the Late Roman/Early Byzantine ecclesiastical centers at Alahan and Mahras Dağ from a largely art historical framework in an effort to discuss the extent of imperial presence in the region.

In providing a framework for the intensive survey, I was faced with the challenge to create a research design that could shed light on these and other current problems – each of which employed different frameworks of analysis and focused upon different periods of history – while at the same time structuring the data collection in such a way as to gain an understanding of broader, more sweeping historical trends found in the valley. Despite their differences, all of the chronologically specific questions address the political and/or economic structure of the region. As an overriding construct, I structured the intensive survey methodology to collect information relating to the political economy of the region in order to conceptualize the organization of production, distribution, and consumption in the region through time.

These socio-economic behaviors are determined by documenting the patterns of artifacts in the landscape, and associating them with formal models of economic integration, as discussed in the works of Polanyi (1957), Halperin (1994), and Rupp (2001). For example, one of the patterns that the project is looking for is a pattern of centrality in storage, with the assumption that patterns in surplus storage can reflect socio-political structure. Thus, the centralized location of storage vessels at major sites would support the interpretation that the region employed a redistributive system for staple goods, and that the elite held a certain amount of power and control through the manipulation of staple goods distribution (Earle 1997). Likewise, the absence of centralization and the uniform presence of storage vessels throughout the region would suggest either communal or household storage, suggesting reciprocity or householding activities. Regional power and control in this case could be expressed by other means – such as the controlled distribution of exotica, prestigious display through architecture, or the presence of funerary or other similar monuments in the landscape. Furthermore, it is understood that a variety of models (reciprocity, redistribution, market exchange, and householding) may occur simultaneously. By focusing the analysis upon a variety of artifact types, the full range of production, exchange, and use practices can be observed and placed in a socio-economic context.

The methodology takes into account a range of possible socio-economic manifestations, and can be used to explain the socio-economic structure of societies at all levels of complexity. Employing a unified structure for the entire project enables specific questions relating to specific periods to be addressed, while at the same time allowing for long-term diachronic shifts in settlement history to be identified and compared.

### **Significance**

No intensive field survey work had taken place in the Göksu Valley prior to GAP. The project is therefore producing baseline information concerning settlement patterns (specifically long-term trends in habitation, land use, and resource acquisition); the characterization of locally-produced ceramic and stone tool objects (both from a formal descriptive and geochemical perspective); and the socio-economic relationships between the project area and other regions.

Under my direction, the intensive field survey has discovered a number of significant findings. The site of Çömlek Tepesi (F249) is the largest Early Bronze Age site in the entire Göksu Valley, and as such is key to understanding the overall socio-economic structure of the region. One of the likely factors that led to its success was its location along the easiest pathway into the valley from the Anatolian Plateau to the north (Newhard, et al. 2008), and initial analysis of the ceramics indicates a strong correlation between the ware types of Çömlek Tepesi with those found at sites to the north.

Approximately 700m to the north of F249, natural outcrops of chert were identified, including several large areas consisting of chipping debris dating to the Paleolithic, Epi-Paleolithic, and Bronze Ages. Prior to GAP, the Paleolithic and Epi-Paleolithic had been investigated at only a handful of sites in southern Turkey – all of which were cave (i.e. habitation) sites, and only one had been investigated west of the Cilician Plain. As such, this period is poorly understood, and the information that has been collected to date is limited only to those activities performed in habitational areas. The quarries are the first Stone Age sites in the valley to be discovered, and hold extreme potential for understanding the prehistoric period not only in the Göksu Valley but for the entirety of southern Turkey and our understanding of early modern humans in general.

The methodology employed in the intensive survey also has extreme significance for the development of discipline. One of the key issues that landscape archaeologists are currently addressing is the means by which surveys can be combined to address larger questions of historical significance (Alcock and Cherry 2004). The key problem is that there is no uniform survey method for all projects, resulting in the production of data that is incapable of being fully integrated with other studies. Using a combination of GIS, intensive recording practices, and relational data structure, GAP has developed a method which enables data to be integrated into other survey methodologies, and allows for flexibility in defining key criteria for delineating archaeological sites (Newhard and Littlefield, 2007). The data structure for GAP allows data to be combined with other projects regardless of survey methodology, making robust extra-regional historical syntheses possible.

### **Publication and Dissemination**

Dissemination of the information has consisted of semi-annual reports in *Anatolian Studies* and *Arastırma Sonuçları Toplantısı*. A brief summary of the ancient town of Alahan was published by the *Journal of Roman Archaeology* (Elton et al., 2006), a separate article emphasizing the survey methods and characteristics of the material from Alahan appearing in 2009. The project has developed a website ([www.cofc.edu/~gap](http://www.cofc.edu/~gap)) which serves as a repository for reports, provides an interactive map for viewing project data, and acts as an interface with the public at large. Upon formal publication, all project data will be archived and available to the public through Archaeological Data Services (ADS), maintained by the British government.

A multi-volume work is in preparation for the monograph series published by the British Institute in Ankara. Volume I (edited by Elton) will be a broad historical overview of the valley, written with the intent of approaching both lay and professional audiences. Volume II (edited by Newhard) will

contain information about the major goals and methods of the project, including the presentation of select raw data and basic findings. This second volume will contain chapters authored by project specialists on the subjects of research questions; methods; prehistoric, classical, Byzantine, and Medieval ceramics; chipped and worked stone; ecclesiastical and domestic architecture; and geomorphology.

**Work****Plan**

The volumes are well on their way towards reaching the submission stage. The timetable calls for all chapters for Volume II to be submitted to Newhard by the end of summer 2011. Newhard and Elton will meet in July of 2011 for an intensive week-long review of goals, methods, and interpretations, coupled with periods of intensive writing and peer review. Revisions and editing by Newhard, Elton will continue during the fall of 2011. In mid-October, current plans call for a final session of review at Trent University, at which point final editing and formatting will occur. Current plans call for a submission date of December 2011.

## Works Cited

Alcock, S.E. and J.F. Cherry (eds.)

2004 *Side-by-Side Survey. Comparative Regional Studies in the Mediterranean World.* Oxford.

Earle, T.K.

1997 *How Chiefs Come to Power: The Political Economy in Prehistory.* Stanford.

Elton, H.W.

2003 "Cilicia, Geography and the Late Roman Empire," in L. Ellis and F. Kidner (eds), *Shifting Frontiers IV.* Aldershot. Pp. 5-10.

2002 'Alahan and Zeno,' *Anatolian Studies* 52: 153-157.

Elton, H.W., M. Jackson, G. Mietke, J.M.L. Newhard, L. Özgenel, and E. Twigger

2009 "Türkiye, Alahan'da bir Roma Şehrinin Keşfi," *Olba* 17: 85-118.

2006 "Discovery of a Roman City at Alahan, Turkey," *Journal of Roman Archaeology.* 19: 300-311.

French, D.H.

1998 *Canhasan Sites I. Canhasan I: Stratigraphy and Structures* (British Institute of Archaeology at Ankara Monograph 23. London).

1965 "Prehistoric Sites in the Göksu Valley," *Anatolian Studies* 15: 177-201.

Gough, M.

1978 "Notes on a visit to Mahras Monastery in Isauria," *Byzantine Studies* 1: 65-72.

Gough, M., ed.

1985 *Alahan: An Early Christian Monastery in Southern Turkey.* Toronto.

Halperin, R.H.

1994 *Cultural Economies Past and Present.* Austin, TX.

Hill, S.

1998 "Alahan and Dağ Pazarı," in R. Matthews, (ed), *Ancient Anatolia : Fifty Years' Work by the British Institute of Archaeology at Ankara.* London. Pp. 315-337.

Jackson, M.P.C. and J.N. Postgate

1998 "Kilise Tepe 1997: A Summary of the Principal Results," *Kazı Sonuçları Toplantısı* 20: 541-557.

Mellaart, J.

1954 "Preclassical Remains in Southern Turkey," *Anatolian Studies* 4: 175-240.

1958 "Second Millennium Pottery from the Konya Plain and Neighborhood," *Belleken* 22: 311-345.

Newhard, J.M.L. and J. Littlefield

2007 "The Use of Observation Point Data in Regional Survey and Its Potential for Improving Interregional Syntheses in Landscape Archaeology," poster presented at the Annual Meeting of the Archaeological Institute of America, San Diego, CA, January 2007.



Newhard, J.M.L., N. Levine, and A.M. Rutherford

2008. "Least-Cost Path Analysis and Interregional Interaction in the Göksu Valley, Turkey," *Anatolian Studies* 58: 87-102.

Polanyi, K.

1957 "The Economy as Instituted Process," in K. Polanyi, C.M. Arensberg, and H.W. Pearson (eds), *Trade and Market in the Early Empires: Economies in History and Theory*. Glencoe, IL. Pp. 243-270.

Postgate, J.N.

1998 "Between the Plateau and the Sea: Kilise Tepe 1994-1997," in R. Matthews, (ed), *Ancient Anatolia : Fifty Years' Work by the British Institute of Archaeology at Ankara*. London. Pp. 127-141.

Rupp, D.W.

2001 "'In Fertility Cyprus is not Inferior to any One of the Islands': A Prolegomenon to Constructing the Economy of Iron Age Cyprus" in D. Tandy (ed), *Prehistory and History: Ethnicity, Class, and Political Economy*. Pp. 113-144.

Steadman, S.R.

1996 "Isolation or Interaction: Prehistoric Cilicia and the Fourth Millennium Uruk Expansion," *Journal of Mediterranean Archaeology* 9: 131-165.

1994 "Prehistoric Sites on the Cilician Coastal Plain: Chalcolithic and Early Bronze Age Pottery from the 1991 Bilkent University Survey," *Anatolian Studies* 44: 85-103.

James M.L. Newhard  
CURRICULUM VITAE

Department of Classics  
College of Charleston  
66 George Street  
Charleston, SC 29424

office phone: 843-953-5485  
office fax: 843-953-6342  
e-mail: newhardj@cofc.edu

**EMPLOYMENT/APPOINTMENTS**

2009 - present Associate Professor, Dept. of Classics, College of Charleston  
2008 - present Research Associate, Dept. of Sociology and Anthropology, College of Charleston  
2008 - 2011 Chair, Dept. of Classics, College of Charleston  
2005 - 2008 Director, Interdisciplinary Program in Archaeology, College of Charleston  
2003 - 2009 Assistant Professor, Dept. of Classics, College of Charleston  
Winter 2003 Adjunct Instructor of Classics, Department of Greek and Latin, Catholic University of America  
2002 - 2003 Core Faculty Instructor, Department of Classics, Loyola College in Maryland  
2001 - 2002 Archaeologist. Gray & Pape, Inc. Cincinnati, Ohio

**EDUCATION**

Ph.D. Classical Studies	University of Cincinnati	2003
	American School of Classical Studies in Athens	1999
M.A. Classics	University of Cincinnati	1996
B.A. Classical Art & Archaeology	University of Missouri - Columbia	1994
B.A. Classical Languages	University of Missouri - Columbia	1994
	College Year in Athens	1991

**DISSERTATION**

*Aspects of Local Bronze Age Economies: Chipped Stone Acquisition and Production Strategies in the Argolid, Greece.* Dr. Gisela Walberg, Principal Advisor

**RESEARCH INTERESTS**

Ancient Mediterranean Socio-Economic Systems, Archaeological Field Methods, Geoarchaeology

**CURRENT RESEARCH**

Landscape History of Cilicia and Central Anatolia  
Analyses of economic systems centered at Iklaina (Messenia, Greece)  
GIS applications in landscape archaeology

**FIELD EXPERIENCE***Assistant Director*

2006 - present The Avkat Archaeological Project. Central Turkey.

*Field Director*

2003 - present The Göksu Archaeological Project. Upper Göksu River Valley, Cilicia, Turkey.

2002 Phase I Survey and Subsurface Testing of the Proposed Ohio River Greenway Corridor, Clark County, Indiana.

2002 Phase II Investigations of Sites 33Le618 and 33Le684, Lawrence County, Ohio.

2001 Predictive Model Development and Ground Truthing Survey at NASA Plum Brook Station.

2001 Phase I Survey of Twelve Areas Located at Wright-Patterson Air Force Base, Ohio.

2001 Phase I Cultural Resources Investigations for the Hanging Rock Lateral Pipeline Project, Lawrence and Scioto Counties, Ohio.

*Lithics Analyst*

2001 - present Ilkaina Archaeological Project

1995 - 2007 Midea Archaeological Project

1999 - 2000 Oropos Survey Project

*Other Experience*

2009 - 2011 Consultant. Sinop Archaeological Project. GIS technology integration

2006 - 2008 Consultant. Charlestowne Landing State Park. GIS technology integration

1999 - 2001 Fieldwalker: Mallakstra Regional Archaeological Project, Albania

1995 - 1997 Records Supervisor: Midea Excavations, Midea, Greece

1995 Trench Supervisor: Midea Excavations, Midea, Greece

1992 Field Technician: Akrotiri Excavations, Akrotiri, Greece

**FELLOWSHIPS/GRANTS**

NSF. The College of Charleston Center for Social Science Research, co-PI, 2010-13	\$1,000,000
Archaeological Institute of America, Society Incentive Grant, 2011	\$500
College of Charleston, Summer Undergraduate Research Grant, 2009	\$4,807
College of Charleston, School of Languages, Cultures, and World Affairs, 2009	\$2,000
College of Charleston, Research and Development Grant, 2009	\$4,000
College of Charleston, School of Languages, Cultures, and World Affairs, 2008	\$1,500
College of Charleston, Undergraduate Research Academic Year Grant, 2008	\$1,150
College of Charleston, School of Languages, Cultures, and World Affairs, 2007	\$2,000
College of Charleston, Research and Development Grant, 2007	\$1,000
College of Charleston, Departmental Research and Development Grant, 2006	\$1,500
College of Charleston, Summer Undergraduate Research Grant, 2006	\$5,000
College of Charleston, Summer Undergraduate Research Grant, 2006	\$5,000
College of Charleston, Summer Undergraduate Research Grant, 2006	\$5,000
College of Charleston, Research and Development Grant, 2006	\$3,000

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College of Charleston, Center for Effective Teaching and Learning, 2005	\$1,000
College of Charleston, Division of Languages Research and Development, 2005	\$500
College of Charleston, Summer Undergraduate Research Grant, 2004	\$5,000
College of Charleston, Research and Development Grant, 2004	\$3,000
College of Charleston, Division of Languages Research and Development, 2004	\$2,000
Fullbright-Hayes Foundation Fellowship for Study in Greece, 1999	\$17,500
American School of Classical Studies in Athens, Geoarchaeology Fellow, 1999	\$24,000
University Research Council Fellowship for Summer Research, 1999	\$1,600
Rawson Fellowship for Summer Research, 1998	\$800
Louise Taft-Semple Fellowship, 1995 - 2001	
University Graduate Scholarship, 1995 - 2001	

### AWARDS/HONORS

- 2011 ExCEL Award, Outstanding Faculty of the Year in the School of Languages, Cultures, and World Affairs (nominated)
- 2011 Excellence in Undergraduate Teaching, Archaeological Institute of America (nominated)
- 2009 Faculty of the Year, Department of Residential Life, College of Charleston (nominated)
- 1993 Eta Sigma Phi - Classics Honor Society
- 1993 Phi Delta Alpha - German Honor Society
- 1991 H.D.F. Kitto Memorial Scholarship
- 1989-94 Missouri Higher Education Award

### BOOKS IN PREPARATION

- Elton, Hugh, Haldon, John, Newhard, James M., eds. *Euchaita: The History and Archaeology of a Late Roman/Byzantine City*, book proposal submitted to Cambridge University Press
- Elton, Hugh, Newhard, James M., eds. *Alahan in Context: The Göksu Archaeological Project*, British Institute at Ankara. Under contract

### SCHOLARLY ARTICLES (student names in bold)

- (in prep) "GIS Applications in Landscape Archeology: Contributions to Intensive Survey Methodology from Central Turkey." (with N. Levine, **A.D. Phebus**, **J. Littlefield**, and **S. Craft**)
- (in prep) "The Identification of 'Watchtower' Features in Central Anatolia: GIS Modeling and Historical Analysis." (with **A.D. Phebus**, J. Haldon, and H. Elton)
- (under review) "Identification of a Mega-landslide and Associated Paleo-lake in the Upper Göksu River Valley, Turkey," *Proceedings of the International Conference "Rough Cilicia: New Archaeological and Historical Approaches."* Lincoln, NE. (with N. Levine, B. Doyle, and **J.A. Kyer**)

- (submitted) "The Chipped and Ground Stone" in M. Cosmopoulos, *The Iklaina Archaeological Project* (Prehistory Monographs) Institute for Aegean Prehistory.
- 2010 "The Mahras Dağ Complex Landslide, Upper Göksu River Valley, Turkey," *Environmental and Engineering Geoscience* 16: 91-105. (with B. Doyle, N.S. Levine, and **J.A. Kyer**)
- 2009 "Alahan'da (Isaurya) bir Roma Kentinin Keşfi," *Olba* 17: 85-118. (with H. Elton, M. Jackson, G. Mietke, L. Özgenel, and **E. Twigger**)
- 2008 "Least-Cost Path Analysis and Interregional Interaction in the Göksu Valley, Turkey," *Anatolian Studies* 58: 87-102. (with N. Levine and **A. Rutherford**)
- 2007 "Appendix D: The Chipped Stone" in G. Walberg, *Midea: The Megaron Complex and Shrine Area. Excavations on the Lower Terraces 1994 - 1997*. (Prehistory Monographs 20) Institute for Aegean Prehistory, Philadelphia. pp. 483-508.
- 2006 "A new Late-Roman urban centre in Isauria," *Journal of Roman Archaeology* 19: 300-311. (with H. Elton, M. Jackson, G. Mietke, L. Özgenel, and **E. Twigger**)
- 2001 "The Obsidian Finds" in M. Cosmopoulos, *The Rural History of a Greek City-State: Land Use and Habitation in Ancient Oropos* (BAR International Series 1001). pp. 42-56.

#### REVIEWS AND COMMENTARIES

- 2011 review of Roger Matthews and Claudia Glatz (edd.) *At Empire's Edge: Project Paphlagonia: Regional Survey in North-Central Turkey*. London: British Institute of Archaeology at Ankara Monographs, 2009. (*American Journal of Archaeology*)
- 2005 review of Michael Given & A. Benard Knapp (edd.) *The Sydney Cyprus Survey Project: Social Approaches to Regional Archaeological Survey*. (Monumenta Archaeologica 21) Los Angeles: The Cotsen Institute of Archeology, University of California, Los Angeles, 2003. (*Bryn Mawr Classical Review* 2005.05.04)
- 1998 "Archaeological Commentary," in A. McBirney, *Fouque's Santorini and Its Eruptions*. Johns Hopkins University Press, Baltimore. Selected commentary throughout work. (with J.L. Davis)

#### TECHNICAL/NON-PEER REVIEWED REPORTS & OTHER PUBLICATIONS

- 2010 "The Avkat Archaeological Project, 2010" *Anatolian Archaeology*. 16:16-17. (with J. Haldon and H. Elton)
- 2009 "Avkat Archaeological Project, 2007-2008" *Araştırma Sonuçları Toplantısı*. 27.3: 29-51. (with J. Haldon, H. Elton, and S. Lockwood)
- 2009 "The Avkat Archaeological Project, 2009" *Anatolian Archaeology*. 15 (with J. Haldon and H. Elton)

- 2008 "The Avkat Archaeological Project, 2007-2008 seasons" *Anatolian Archaeology*. 14 (with J. Haldon and H. Elton)
- 2002 "Phase I Cultural Resources Survey and Subsurface Testing of the Proposed Ohio River Greenway Corridor, Clark County, Indiana." Prepared for Sasaki and Associates, Inc., Watertown, Massachusetts. Lead Agency: U.S. Army Corps of Engineers, Louisville District. (with C. Miller and J. Picklesimer)
- 2002 "Predictive Model and Ground-Truthing Survey of Prehistoric and Historic Archaeological Resources at the NASA Plum Brook Station, Perkins, Huron, Milan, and Oxford Townships, Erie County, Ohio (Task 3.2)." Prepared for SAIC, Dublin, Ohio. Lead Agency: NASA. (with C. Miller and J. Pritchard)
- 2002 "Phase I Cultural Resource Investigations of Twelve Areas Located at Wright-Patterson Air Force Base, Bath and Beavercreek Townships, Greene County and Mad River Township, Montgomery County, Ohio." Prepared for Gulf Engineers & Consultants, Inc. Lead Agency: United States Air Force. (with M. Purtill)
- 2001 "Phase I Cultural Resources Investigations for the Hanging Rock Lateral Pipeline Project, Lawrence and Scioto Counties, Ohio." Prepared for ENSR International. Lead Agency: Federal Energy Regulatory Commission. (with M. Purtill, J. Pritchard, J. Norr, and L. Ardhuser)

#### MAPS AND OTHER CREATIVE WORK

- 2010 Maps to accompany M.P. Canepa, *The Two Eyes of the Earth: Art and Ritual of Kingship between Rome and Sasanian Iran*. University of California: Los Angeles.
- 2010 Maps to accompany T.F. Strasser, "Location and Perspective in the Theran Flotilla Fresco," *Journal of Mediterranean Archaeology* 23: 3-26.

#### PROFESSIONAL PAPERS AND POSTERS (student names in bold)

- 2011 "Analyzing Bronze Age Terrestrial and Marine Communication Routes in the Saronic Gulf and Argolid," Annual Meeting of the Archaeological Institute of America, San Antonio, TX. (with **A.D. Phebus** and N. Levine)
- 2010 "Exploratory Models in Archaeology," paper presented at a workshop "The Manzikert Project: Simulating logistical structures within a digital environmental database," Princeton University.
- 2010 "A GIS-Based Explanatory Model for the Late Roman and Byzantine Periods in the Avkat Region, Turkey," Annual Meeting of the Archaeological Institute of America, Anaheim, California. (with **A.D. Phebus** and N. Levine)
- 2009 "The Avkat Archaeological Project, 2007-2008 Seasons," poster presented at the Annual Meeting of the Archaeological Institute of America, Philadelphia, PA. (with H. Elton and J. Haldon)

- 2007 "Geoarchaeological and Geomorphic Mapping in the Göksu Valley, Turkey," paper presented at the international conference "Rough Cilicia: New Archaeological and Historical Approaches." Lincoln, NE. (with N. Levine and **J.A. Kyer**)
- 2007 "The Use of Observation Point Data in Regional Survey and its Potential for Improving Inter-Regional Syntheses in Landscape Archaeology," poster presented at the Annual Meeting of the Archaeological Institute of America, San Diego, CA. (with **J. Littlefield**)
- 2006 "Geomorphic Mapping in the Göksu Valley, Turkey," poster presented at the Annual Meeting of the Geological Society of America, Philadelphia, PA. (with **J.A. Kyer**)
- 2006 "The Göksu Archaeological Project: 2002 - 2005 Seasons," poster presented at the Annual Meeting of the Archaeological Institute of America, Montreal, Canada. (with H. Elton)
- 2005 "Least-Cost Path Analysis and Interregional Interaction in the Göksu Valley, Turkey," poster presented at the Annual Meeting of the Archaeological Institute of America, Boston, MA. (with **A. Rutherford**, N. Levine, and H. Elton)
- 2004 "Adapting to a Career in Cultural Resource Management," Invited Presentation in a workshop entitled "Careers in Cultural Resource Management," Annual Meeting of the Archaeological Institute of America, San Francisco, CA.
- 2001 "The Chert Beds of Ayia Eleni: New Discoveries and Lithic Ecology in the Bronze Age Argolid," Annual Meeting of the Archeological Institute of America, San Diego, CA.
- 2000 "The Transference of Munsell Color Values to I.C.I. Chromaticity Coordinates: Methods and Archaeological Applications," joint conference of the 23<sup>rd</sup> Annual Meeting of Computer Applications and Quantitative Methods in Archaeology and the Union Internationale des Sciences Prehistoriques et Protohistoriques, Commission IV, Ljubljana, Slovenia.
- 1998 "Bronze-Age Chipped-Stone Tools from Excavated Contexts in the Argolid: An Alternative Pattern," Annual Meeting of the Archaeological Institute of America, Washington, D.C.
- 1998 "Another Layer on the Cake: Chipped Stone from Excavated Contexts in the Argolid and their Relationship to Survey Evidence from the Southern Aegean," Association for the Study of Marble and other Stones in Antiquity (ASMOSIA), Boston, MA.
- 1996 "The Chipped Stone from Midea," Annual Meeting of the Central States Anthropological Society, Covington, KY.

#### INVITED LECTURES

- 2010 "Troy after Schliemann." Trent University, Peterborough, Canada.
- 2010 "Computer Modeling in Mediterranean Landscape Archaeology." Honors College Lecture Series, College of Charleston.

- 2010 "The Once and Future Archaeology of Anatolia." Society for Creative Retirement, Charleston, SC.
- 2009 "Building an 'Alliance of Civilizations' in the 21<sup>st</sup> Century." Turkish-American Alliance, Charleston, SC.
- 2009 "The Avkat Archaeological Project, 2007-2008." South Carolina Chapter of the Archaeological Institute of America, Charleston, SC.
- 2008 "Crossing the 'Great Divide' in the 21<sup>st</sup> Century - a Mediterranean Perspective." Keynote address to the South Carolina Student Anthropology Conference, Charleston, SC.
- 2007 "An Archaeologist's Perspective of Modern Turkey." South Carolina World Trade Center (SCWTC) and School of Business and Economics, College of Charleston.
- 2006 "Classical Archaeology: the Past, Present, and Future of the Field." South Carolina State Junior Classics League, Columbia, SC.
- 2006 "Recent Work at Alahan: the Göksu Archaeological Project 2002-2005," paper presented to the Friends of the American Research Institute in Ankara, Ankara Turkey. (with H. Elton)
- 2005 "Alahan: Discovery of a Roman 'City' in Roman Rough Cilicia?" Society for Creative Retirement, Charleston, SC.
- 2005 "Town and Country in the Ancient Mediterranean: The Role of the City." Society for Creative Retirement, Charleston, SC.
- 2005 "Recent Archaeological Research in Turkey by the College of Charleston." Society for Creative Retirement, Charleston, SC.
- 2005 "The Göksu Archaeological Project: the 2004 Season." Joint Lecture given to the Charleston Chapter of the Archaeological Society of South Carolina and the South Carolina Society of the Archaeological Institute of America, Charleston, SC.
- 2004 "Modern Archaeology in the Ancient World." South Carolina State Junior Classics League, Columbia, SC.
- 2004 "New Investigations in Landscape Archaeology: The Göksu Archaeological Project." South Carolina Chapter of the Archaeological Institute of America, Charleston, SC.
- 2004 "The Göksu Archaeological Project: New Archaeological Research at the College of Charleston." Charleston Chapter of the Archaeological Society of South Carolina, Charleston, SC.
- 2003 "Of Flakes and Flocks and Building Blocks: The Local Economies of Mycenaean Greece." College of Charleston.
- 2003 "Economic Processes in the Late Bronze Age Aegean." Loyola College, Baltimore, Maryland.
- 2000 "The Chert Sources at Ayia Eleni: Lithic Resource Acquisition and Late Bronze Age Aegean Economies." American School of Classical Studies in Athens, Greece.



**MENTORED UNDERGRADUATE RESEARCH**

- 2010 Angelina Phebus (Classics), “Terrestrial and Marine-Based Least-Cost Path Modeling in the Argo-Saronic Region, Greece”
- 2009 Angelina Phebus (Classics), “New Approaches to Interpreting Human Land Use in North Central Anatolia”
- 2009 Kurt Goldstein (BS Computer Science 09), “The Development of an Interactive Graphic User Interface for Archaeological Data Mining” (with G. Pothering)
- 2008 Kalen McNabb (Geology), “Geochemical Characterization of Cherts from the Upper Göksu Valley, Turkey via ICP-MS” (with V. Vuluva)
- 2008 Angelina Phebus (Classics), “The Application of High Resolution Archaeological Survey Data towards Developing Methods for Interregional Syntheses”
- 2008 Kelly Tomlinson (Geology), “Application of Remote Sensing to Paleoenvironmental Reconstruction in Mecitözü, Turkey” (with R. Nusbaum)
- 2008 Amanda Davis (BA Classics 08), “The Identification of Paleo-Channels and Exposed Paleosols in the Mecitözü Region” (with R. Nusbaum)
- 2006 Elijah McStotts (BS Anthropology 08), “Clay sources in the Upper Göksu Valley, Turkey, and their Suitability for Ceramic Production”
- 2006 Elizabeth Ilderton (AB Classics 07), “Continuity and Change in the Use of the Alahan Cave Church, Rough Cilicia, Turkey”
- 2006 John Littlefield (BS Anthropology 07), “A Comparative Study of Intensive Survey Methods in the Göksu River Valley”
- 2004 Allen Rutherford (BS Anthropology 06), “The Use of GIS-Based Probabilistic Sampling in Archaeological Survey”

**COURSES TAUGHT***Classical Civilization and Archaeology*

- Introductory courses in Greek and Roman civilization emphasizing the use of literary, historical, and archaeological evidence to discuss changes in socio-political and economic structure
- Introductory course in classical archaeology covering historical and theoretical developments of the field
- Intermediate courses emphasizing material and literary evidence and their use in interpreting social, political, and economic structures of Mediterranean societies
  - *Greek Archaeology, Roman Religion, Dark Age and Archaic Greece, Aegean Prehistory, Archaeology of Athens*
- Advanced courses emphasizing the variety of theoretical and methodological approaches to interpreting data from ancient Mediterranean societies

- *Ethnicity in Mediterranean Society, Ancient Mediterranean Economies, Mediterranean Landscapes, Early State Formation*
- Courses in archaeological field methods, taught in the context of ongoing research

#### Latin

- Introductory through advanced reading courses (Caesar, Ovid, Catullus, Petronius, Vergil)

### THESIS ADVISING

Jeffery Kyer, MES 2010. "An Investigation of the Environmental Changes in Antiquity in the Göksu Valley, Turkey." Committee member.

Elizabeth Ilderton, AB Classics, 2007. "The History of Use of the Cave Church, Alahan, Turkey." Principal advisor.

### PROFESSIONAL SERVICE

#### Community

- 2006 - present Secretary, South Carolina Chapter of the Archaeological Institute of America
- 2004 - 2006 President, South Carolina Chapter of the Archaeological Institute of America

#### Profession

- 2011 - 2014 Committee on the Wiener Laboratory for Archaeological Science, American School of Classical Studies in Athens
- 2011 - 2014 Program Committee, Archaeological Institute of America
- 2010 - 2011 Committee on Fellowships, American Research Institute in Turkey
- 2009 - present *Ad hoc* reviewer for *Journal of Mediterranean Archaeology*
- 2005 - present Institutional Representative, Managing Committee of the American School of Classical Studies in Athens
- 2004 - present *Ad hoc* reviewer for *Hesperia*

#### College

- 2009 - present Steering Committee, International Studies
- 2008 - present Steering Committee, Interdisciplinary Program in Archaeology
- 2008 - present Advisory Committee, Santee-Cooper GIS Laboratory
- 2011 Appointment Committee, Director of the First Year Experience
- 2009 - 2011 Faculty Budget Committee
- 2006 - 2011 Departmental Representative, Faculty Senate
- 2009 - 2010 Academic Priorities Committee
- 2009 - 2010 Academic Reporting Team
- 2008 - 2010 Departmental Information Technology Representative
- 2003 - 2008 Advisory Committee on Undergraduate Research
- 2007 Faculty Advisory Committee to the President
- 2006 - 2007 Search Committee, Director of Dixie Plantation
- 2006 - 2007 Advisory Committee for the Development of Dixie Plantation
- 2004 Faculty Committee on Research and Development
- 2004 Dixie Plantation non-Sciences Advisory Committee

**INTERDEPARTMENTAL AFFILIATIONS**

Interdisciplinary Program in Archaeology  
Santee Cooper GIS Laboratory  
Masters Program in Environmental Sciences

**PROFESSIONAL MEMBERSHIPS**

Archaeological Institute of America  
American School of Classical Studies, Athens  
British Institute in Ankara