

**APY 572SEM: Homo Migrants: Modelling Migration and Mobility in the
Archaeological Record
Spring 2017**

Basic Information

Class Hours: Wednesdays, 6:00-8:40 pm in MFAC 354

Instructor: Megan Daniels

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Office hours: Wednesdays 1:00-3:00 pm or by appointment in Spaulding 375



Introduction and Rationale:

Human history is created, in large part, through movement: whether in short fits or gradual developments, as a singular event or in multiple stages, the story of our origins is one of dispersal, displacement, and diaspora. Yet this story is dauntingly complex. To quote Timothy Earle and Clive Gamble (*Deep History*, 2011: 192): “Even with the first settlement of regions, new migrations continued often at even greater rates, displacing earlier settlers, forcing removals and relocations, creating regional movements of marriage partners and workers, funnelling vast populations through colonial and postcolonial global economies, and creating diverse, intermingled diasporas.” This whirlwind explanation, encompassing prehistory to modern-day, captures well the blurriness not only of migrations themselves, but also their concomitant causes and effects. Indeed, the matter of migration and its hard-to-predict consequences is on the minds of governments worldwide these days given the turmoil in multiple areas of the globe.

With its propensity to model and account for long-term social development, archaeology has much to offer to discourses on human migration. Yet migration and mobility are fraught topics in archaeology, at times embraced as the “be-all and end-all” explanation for cultural change, at other times, virtually tossed out of the toolkit as a plausible explanatory device. This course will introduce students to the study of migration and mobility in the archaeological record from a holistic perspective. Following an introduction concerning the place of migration and mobility in archaeological thought, this course will then take two parts: the first will consist of investigations in the form of readings, discussions, and guest lectures into the various methodological approaches to studying human movements in the archaeological record, from genetics, to skeletal biochemistry, to artifacts. The second half of the course will comprise of case studies of human migration and mobility taken from the Mediterranean, western Asian, and European worlds, ranging from the Neolithic period to Late Antiquity. Students will evaluate these case studies in terms of their ability to advance our understanding of the causes and effects of human movement throughout history, and will explore the application of holistic methodologies through class discussions, response papers, a book review, and a final research paper.

Course Objectives

There are three major objectives to this course:

- Understand the role of migration and mobility in archaeological thought, and the inevitable entanglements of these subjects in contemporary discussions and debates about nation, identity, and heritage (Part 1)
- Become familiar with a range of methodologies for studying, articulating, and modeling human migration and mobility, and start to conceive of how we can holistically apply these methodologies to various questions and problems concerning human movement (Part 2)
- Apply skills from Parts 1 & 2 towards evaluating a range of case studies of scholarly accounts of human movement from the Mediterranean, Near East, and Europe (Part 3)

Overall, students are expected to expand their arsenal of cross-disciplinary methodologies for understanding a very complex process – namely, the mass movements of humans – and the effects of these processes on human societies. Students will evaluate the opportunities and limitations of these methodologies through readings, discussions, lectures, and, ultimately, the analysis and critiquing of the case studies from Part 3. With these tools, students will evaluate, in the form of a book review, one piece of scholarly literature (either a monograph or edited volume) on ancient migration and mobility, and will formulate their own problem-oriented investigation in the form of a research paper that takes into account two or more of the methodologies discussed. Apart from these two assignments, students will regularly test out their ideas, analyses, and arguments through seminar discussions, response papers, and discussion leading.

Assignments and Grading

Class Discussions	20%
Response Papers for Discussions (x2)	10%
Discussion Leading (x2)	5%
Book Review	20%
Final Paper/Project.....	30%

Class Discussions

Seminars are, at their heart, opportunities to bring professors and students together to work on a particular problem or question through collaboration and discussion. Parts 1 and 3 of this course, and, to a somewhat lesser extent, Part 2, are built around group discussion and collaboration. Your preparation for seminars comes from completing (and digesting) the readings in advance of class, posting or responding to student responses on Blackboard ahead of class, and coming to class ready to share your ideas and insights, and listen and respond to those of your peers. As instructor, I may deliver brief lectures from time to time, as well as facilitate discussions. But the core of this course is student-centered discussion. I have no problem with the use of laptops/tablets in graduate-level seminars, but I do ask that everyone respect class time and use their devices solely for in-class course-related activities. Please keep cell phones off and hidden (except in emergencies).

Response Papers and Discussions

Students will be expected to lead two discussions. On the days you are leading a discussion, you will also prepare a 2-page (double-spaced, 12-point font, $\frac{3}{4}$ -1-inch margins) response to the readings. You must post this response to Blackboard by Sunday at midnight before the class you are leading. Other students are responsible for reading your response by Wednesday's class, and writing in a brief response (~1 paragraph) to the discussion forum before class starts (you can respond directly to the response paper, or to other students' responses).

- o Proper response papers include the following:
 - a) A very brief introduction to the readings/topic – but *nota bene*: these papers should not be merely a summary of the authors' readings!
 - b) Identify one-two key problems or issues presented in the readings. These might pertain to the author's arguments or explore problems revolving around the methodologies used to account for human migration/mobility
 - c) Discuss the ramifications of these problems: how do they affect/change/challenge our knowledge of the causes and effects of human movement?

Discussion Leading

Along with crafting your response paper for two classes, you will give a brief summary of your response paper and start off the class discussion with several well-crafted questions/problems. I will be providing further information on methods for leading discussion. Feel free to be creative here – I welcome the use of PowerPoint, maps/GIS, mind-maps, games, provided they are furthering the goals of the course.

Book Review

The book review will be due in Week 10. Students will choose one monograph or edited volume on the topic of migration and mobility in the archaeological record and evaluate the arguments in terms of their theoretical stances, methodologies, and overall results. I will provide a list of possible books to review (you may suggest your own, but please consult with me first), and will also provide a how-to guide on book reviews (this is a useful exercise for budding scholars!). Reviews generally run around 1500-2000 words.

Final Paper

The final project will comprise of a 15-20-page (double-spaced, 12-point font, $\frac{3}{4}$ -1-inch margins) research paper on a problem related to migration and mobility in the archaeological record. The paper may be based on one of the case studies from the course, or may be a topic devised by the student (in consultation with me). Papers are due at the beginning of finals week by email.

Grading Scale:

A	A-	B+	B	B-	C+	C	C-	D+	D	F
93.0	90.0	87.0	83.0	80.0	77.0	73.0	70.0	67.0	60.0	0.0

Late Assignment and Absenteeism Policies:

- For each 24-hour period of lateness, 10% of the grade for the assignment will be deducted. In order to pass the course, students must hand in the final research paper. Please come and talk to me in advance if you foresee any problems with deadlines.
- As a seminar, this course thrives on diverse viewpoints and lively discussion, which involves all participants. Please let me know (to the best of your ability) if you foresee any significant period of absenteeism from the course.
- As always, I encourage frequent consultation between professor and students, both before assignments are due and following the return of assignments to students. You are all encouraged to follow-up with me, either by email or in person, regarding any questions or concerns you have about the course and specific assignments.

Accessibility Resources:

Please visit <http://www.buffalo.edu/studentlife/who-we-are/departments/accessibility.html> for information on the requirements and procedures for receiving accommodation for physical and learning disabilities.

Academic Integrity:

Academic integrity is a fundamental university value. Through the honest completion of academic work, students sustain the integrity of the university while facilitating the university's imperative for the transmission of knowledge and culture based upon the generation of new and innovative ideas. Please visit <https://catalog.buffalo.edu/policies/integrity.html> for more information on SUNY-UB policies on academic integrity, including examples of academic dishonesty and resolution processes.

Schedule

Part 1: Introductions and Theoretical Stances

Week 1, January 31st: An Agenda for Studying Migration and Mobility

Required:

- Anthony, D. W. 1990. "Migration in Archaeology: The Baby and the Bathwater." *American Anthropologist* 92.4: 895-914.
- Burmeister, S. 2000. "Archaeology and Migration: Approaches to an Archaeological Proof of Migration." *Current Anthropology* 41.4: 539-67.
- Hakenbeck, S. 2008. "Migration in Archaeology: Are We Nearly There Yet?" *Archaeological Review from Cambridge* 23.2: 9-26.

Optional:

- van Dommelen, P. 2014. "Moving On: Archaeological Perspectives on Mobility and Migration." *World Archaeology* 46.4: 477-83.
- Greenblatt, S. (ed.) 2010. *Cultural Mobility: A Manifesto*. Cambridge: Cambridge University Press.

Week 2, February 7th: Migration and Mobility and their Place in Archaeological Thought

Required:

- Adams, W. Y., D. P. Van Gerven, and R. S. Levy. 1978. "The Retreat from Migrationism." *Annual Review of Anthropology* 7: 483-532.
- Cabana, G. S. 2011. "The Problematic Relationship between Migration and Culture Change." In *Rethinking Anthropological Perspectives on Migration*, edited by G. S. Cabana and J. J. Clark, 16-28. Gainesville: University Press of Florida.
- Trigger, B. 2006. *A History of Archaeological Thought*. Second Edition. Cambridge: Cambridge University Press. Chapter 6, pp. 211-61.

Optional:

- Härke, H. 1998. "Archaeologists and Migrations: A Problem of Attitude?" *Current Anthropology* 39.1: 19-45.

Part 2: Methodological Approaches to Migration and Mobility

Week 3, February 14th: Genetic Approaches

Guest Lecture: Omer Gokcumen, Department of Biological Sciences

Required:

- Bellwood, P. 2013. *First Migrants: Ancient Migration in Global Perspective*. Chichester: Wiley-Blackwell. Chapters 1-3.
- Bolnick, D. A. 2011. "Continuity and Change in Anthropological Perspectives on Migration: Insights from Molecular Anthropology." In *Rethinking Anthropological Perspectives on Migration*, edited by G. S. Cabana and J. J. Clark, 263-77. Gainesville: University Press of Florida.
- Taskent, R. O. and O. Gokcumen. 2017. "The Multiple Histories of Western Asia: Perspectives from Ancient and Modern Genomes." *Human Biology* 89.2.

Optional:

- Antony, D. W. and D. R. Brown. 2017. "Molecular Archaeology and Indo-European Linguistics: Impressions from New Data." In *Usque ad Radices: Indo-European Studies in Honour of Birgit Anette Olsen*, edited by B. S. S. Hansen et al, 25-54. Copenhagen Studies in Indo-European 8. Copenhagen: Museum Tusulanum Press.

Week 4, February 21st: Skeletal Morphology and Biochemistry

Guest Lecture: Noreen von Cramon-Taubadel, Department of Anthropology

Required:

- Knudson, K. J. 2011. "Identifying Archaeological Human Migration Using Biogeochemistry: Case Studies from the South-Central Andes." In *Rethinking Anthropological Perspectives on Migration*, edited by G. S. Cabana and J. J. Clark, 231-47. Gainesville: University Press of Florida.
- Killgrove, K. and J. Montgomery. 2016. "All Roads Lead to Rome: Exploring Human Migration to the Eternal City through Biochemistry of Skeletons from Two Imperial-Era Cemeteries (1st-3rd c AD)." *PLOS ONE* 11.2: e0147585. doi:10.1371/journal.pone.0147585.
- von Cramon-Taubadel, N. 2017. Measuring the Effects of Farming on Human Skull Morphology." *PNAS* 114.34: 8917-19.
- _____. Forthcoming. "Morphometrics, humans". In *The International Encyclopedia of Biological Anthropology*, edited by W. Trevathan. John Wiley and Sons, Inc.

Optional:

- Killgrove, K. 2010. "Identifying Immigrants to Imperial Rome Using Strontium Isotope Analysis." In *Roman Diasporas: Archaeological Approaches to Mobility and Diversity in the Roman Empire*, edited by H. Eckardt, 157-74. JRA Supplement. Portsmouth: Journal of Roman Archaeology.
- Slovak, N. M. and A. Paytan. 2011. "Applications of Sr Isotopes in Archaeology." In *Handbook of Environmental Isotope Geochemistry*, edited by M. Bastaran, 743-68. Berlin, Heidelberg: Springer-Verlag.
- Frei, K. M. et al. 2017. A matter of months: High precision migration chronology of a Bronze Age female. *PLOS ONE* 12.6: <https://doi.org/10.1371/journal.pone.0178834>

Week 5, February 28th: Linguistic Approaches to Migration

Guest Lecture: Roger Woodard, Department of Classics

Required:

- Bellwood, P. 2013. "Human Migrations and the Histories of Major Language Families." In *The Global Prehistory of Human Migration*, edited by P. Bellwood, 87-95. Malden: Wiley-Blackwell.
- Burlak, S. 2013. "Languages, DNA, Relationship and Contacts." *Journal of Language Relationship* 9: 55-67.
- Renfrew, C. 1992. "Archaeology, Genetics, and Linguistic Diversity." *Man (New Series)* 27: 445-78.
- Kristiansen, K. et al. 2017. "Re-theorising mobility and the formation of culture and language among the Corded Ware culture in Europe." *Antiquity* 91: 334-347.

Optional:

- Bellwood, P. ed. 2013. *The Global Prehistory of Human Migration*. Malden: Wiley-Blackwell. Chapters 12, 15, and 19.
- Haak, W. et al. 2015. "Massive Migration from the Steppe was a Source for Indo-European Languages in Europe." *Nature* 522: 207-11.
- Renfrew, C. 1989. "Models of Change in Language and Archaeology." *TAPS* 87.2: 103-55.

Week 6, March 7th: Objects, Networks, and Mobility

Training on network analysis tools

Required:

- Gamble, C. 1998. "Palaeolithic Society and the Release from Proximity: A Network Approach to Intimate Relations." *World Archaeology* 2.9.3: 426-49.
- Knapp, A. B. and P. van Dommelen. 2010. "Material Connections: Mobility, Materiality, and Mediterranean Identities." In *Material Connections in the Ancient Mediterranean: Mobility, Materiality, and Identity*, edited by A. B. Knapp and P. van Dommelen, 1-18. London and New York: Routledge.
- Knappett, C. ed. 2013. *Network Analysis in Archaeology: New Approaches to Regional Interaction*. Oxford: Oxford University Press. Introduction.
- Malkin, I. 2011. *A Small Greek World: Networks in the Ancient Mediterranean*. Oxford: Oxford University Press. Chapter 1.

Explore some of the following digital resources (feel free to suggest others as well!) for Mediterranean:

The Samothracian Game: <https://scholarblogs.emory.edu/samothraciannetworks/the-game/>

Orbis: <http://orbis.stanford.edu/>

Pelagios: <http://pelagios.org/maps/greco-roman/>

Optional:

Knappett, C. 2011. *An Archaeology of Interaction: Network Perspectives on Material Culture and Society*. Oxford: Oxford University Press.

Feldman, M. 2014. *Communities of Style: Portable Luxury Arts, Identity, and Collective Memory in the Iron Age Levant*. Chicago: University of Chicago Press.

Week 7, March 14th: Environments, Climate, Landscapes, and Mobility

Required:

Eriksson, A. et al. 2012. "Late Pleistocene Climate Change and the Global Expansion of Anatomically Modern Humans." *PNAS* 109.40: 16089-94.

Leppard, T. 2014. "Mobility and Migration in the Early Neolithic of the Mediterranean: Questions of Motivation and Mechanism." *World Archaeology* 46.4: 484-501.

Meyer, W. B. and D. M. T. Guss. 2017. *Neo-Environmental Determinism: Geographical Critiques*. Cham: Palgrave MacMillan.

Piguet, E. 2013. "From 'Primitive Migration' to 'Climate Refugees': The Curious Fate of the Natural Environment in Migration Studies." *Annals of the American Association of Geographers* 103.1: 148-62.

Optional:

Hughes, D. 2014. *Environmental Problems of the Greeks and Romans*. 2nd Edition. Baltimore: Johns Hopkins University Press. Chapters 13 & 14 (pp. 215-236).

Ober, K. 2014. "Migration as Adaptation: Exploring Mobility as a Coping Strategy for Climate Change." Oxford: UK Climate Change and Migration Coalition.

Take a look around current news stories on attitudes/opinions towards climate-induced migration – you might even want to consider future iterations of this type of migration (e.g. <https://www.mars-one.com/> . . .)

*****Week 8, March 21st: Spring Break*****

Part 3: Case Studies

Week 9, March 28th: Documenting the Spread of Agriculture in Western Asia, the Mediterranean, and Europe

Required:

Bellwood, P. 2009. "The Dispersals of Established Food-Producing Populations." *Current Anthropology* 50.5: 621-26.

_____. 2013. *First Migrants: Ancient Migration in Global Perspective*. Chichester: Wiley-Blackwell. Chapters 6 and 7.

Diamond, J. and P. Bellwood. 2003. "Farmers and Their Languages: The First Expansion." *Science* 300.5619: 597-603.

Richerson, P. J. R. Boyd, and R. L. Bettinger. 2001. "Was Agriculture Impossible during the Pleistocene but Mandatory during the Holocene? A Climate Change Hypothesis." *American Antiquity* 66.3: 387-411.

Optional:

Bellwood, P. ed. 2013. *The Global Prehistory of Human Migration*. Malden: Wiley-Blackwell. Chapters 15-20 (pp. 125-77).

Week 10, April 4th: The Contours of Empire: Sedentary and Nomadic Populations

*****BOOK REVIEW DUE*****

- Alizadeh, A. 2009 "Prehistoric Mobile Pastoralists in South-Central and Southwestern Iran." In *Nomads, Tribes, and the State in the Ancient Near East: Cross-Disciplinary Perspectives*, edited by J. Szuchman, 129-45. Oriental Institute Seminars 5. Chicago: The Oriental Institute.
- Barnard, H. 2009. "The Archaeology of the Pastoral Nomads between the Nile and the Red Sea." In *Nomads, Tribes, and the State in the Ancient Near East: Cross-Disciplinary Perspectives*, edited by J. Szuchman, 15-41. Oriental Institute Seminars 5. Chicago: The Oriental Institute.
- Porter, A. 2016. *Mobile Pastoralism and the Formation of Near Eastern Civilizations: Weaving Together Society*. Cambridge: Cambridge University Press. Introduction and Chapter 1.
- Potts, D. 2014. *Nomadism in Iran: From Antiquity to the Modern Era*. Oxford: Oxford University Press. Chapter 1.

Optional:

- Moreno García, J. C. 2014. "Invaders or Just Herders? Libyans in Egypt in the Third and Second Millennia BCE." *World Archaeology* 46.4: 610-23.

Week 11, April 11th: Climate and Crisis: Human Dispersals at the End of the Bronze Age

- Kaniewski, D., E. Van Campo, J. Guiot, S. Le Burel, T. Otto, and C. Baeteman. 2013. "Environmental Roots of the Late Bronze Age Crisis." *PLOS ONE* 8.8: e71004. <https://doi.org/10.1371/journal.pone.0071004>.
- Knapp, B. and S. Manning. 2016. "Crisis in Context: The End of the Late Bronze Age in the Eastern Mediterranean." *AJA* 120.1: 99-149.
- Langgut, D., I. Finkelstein, and T. Litt. 2013. "Climate and Late Bronze Age Collapse: New Evidence from the Southern Levant." *Tel Aviv* 40: 149-75.
- Yasur-Landau, A. 2011. "Deep Change in Domestic Behavioural Patterns and Theoretical Aspects of Interregional Interactions in the 12th Century Levant." In *On Cooking Pots, Drinking Cups, Loomweights and Ethnicity in Bronze Age Cyprus and Neighbouring Regions*, edited by V. Karageorghis and O. Kouka, 245-55. Nicosia: The A. G. Leventis Foundation.
- Watch the lecture by Eric Cline on his book, *1177 BC*, at the Oriental Institute: <https://www.youtube.com/watch?v=hry8mgXiTk>

Week 12, April 18th: Models of Mediterranean Mobility: "Colonization", Networks, and Interaction

Required:

- Leidwanger, J. et al. 2014. "A Manifesto for the Study of Ancient Mediterranean Maritime Networks." *Antiquity* 342.
- Morris, I. 2003. "Mediterraneanization." *Mediterranean Historical Review* 18.2: 30-55.
- Sommer, M. 2007. "Networks of Commerce and Knowledge in the Iron Age: The Case of the Phoenicians." *Mediterranean Historical Review* 22.1: 97-111.
- De Angelis, F. 2016. "*E pluribus unum*: The Multiplicity of Models." In *Conceptualising Early Colonisation (=Contextualising Early Colonisation)*, edited by L. Donnellan, V. Nizzo, and G.-J. Burger, 97-104. Vol. 2. Turnhout: Brepols.

Optional:

- Zalloua, P. A., et al. 2008. "Identifying Genetic Traces of Historical Expansions: Phoenician Footprints in the Mediterranean." *The American Journal of Human Genetics* 83: 633-42.

Week 13, April 25th: Mobility and Migration under the Roman Empire

- Foubert, L. 2016. "Mobile Women in P.Oxy. and the Port Cities of Roman Egypt: Tracing Women's Travel Behaviour in Papyrological Sources." In *Migration and Mobility in the Early Roman Empire*, edited by L. de Ligt and L. E. Tacoma, 285-304. Leiden: Brill.
- Isayev, E. 2017. *Migration, Mobility and Place in Ancient Italy*. Cambridge: Cambridge University Press. Chapter 2 (pp. 18-68).
- Moatti, C. 2013. "Roman World, Mobility". In *The Encyclopedia of Global Human Migration*, edited by I. Ness. Malden: Wiley-Blackwell.
- Scheidel, W. 2004. "Human Mobility in Roman Italy I: The Free Population." *JRS* 94: 1-26.
- _____. 2013. "The Shape of the Roman World." *Princeton/Stanford Working Papers in Classics*. (also visit: <http://orbis.stanford.edu/>)

Week 14, May 2nd: Forced Migration, Slavery, War

- Roselaar, S. T. 2016. "State-Organised Mobility in the Roman Empire: Legionaries and Auxiliaries." In *Migration and Mobility in the Early Roman Empire*, edited by L. de Ligt and L. E. Tacoma, 138-59. Leiden: Brill.
- Scheidel, W. 2005. "Human Mobility in Roman Italy II: The Slave Population." *JRS* 95: 64-79.
- Webster, J. 2010. "Routes to Slavery in the Roman World: A Comparative Perspective on the Archaeology of Forced Migration." In *Roman Diasporas: Archaeological Approaches to Mobility and Diversity in the Roman Empire*, edited by H. Eckardt, 45-65. JRA Supplement. Portsmouth: JRA.
- Watch this short talk by Jan Driessen at a recent conference on Archaeology and Forced Migration: <https://www.youtube.com/watch?v=2SjeZS-P3-k>

Week 15, May 9th: The Outcomes of Migration: Pluralism, Multiculturalism, Diversity, Disruption

- Isayev, E. 2017. *Migration, Mobility and Place in Ancient Italy*. Cambridge: Cambridge University Press. Chapter 1 (pp. 3-17).
- Lightfoot, K. 2015. "Dynamics of Change in Multiethnic Societies: An Archaeological Perspective from Colonial North America." *PNAS* 112.30: 9216-23.
- Millman, J. 1997. *The Other Americans*. New York: Viking Penguin. Chapter 2: "The City Without Immigrants".
- Tsuda, T. and B. J. Baker. 2015. "Chapter 13: Conclusion: Migration and Disruptions from Prehistory to the Present." In *Migrations and Disruptions: Toward a Unifying Theory of Ancient and Modern Migrations*, edited by B. J. Baker and T. Tsuda, 297-332. Gainesville: University Press of Florida.

*****FINAL PAPERS DUE MONDAY, MAY 14th BY MIDNIGHT*****