

ANG 6930/ANT 4930 Global Issues in Pastoralism

Wednesday 8:30-11:30 am

Weimer 1094

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Course Description

This course offers a broad examination of non-western peoples that identify themselves as pastoral, or people who rely primarily on animals for their mode of production. Herding has been going on for roughly 12,000 years and is found in many variations throughout the world. Pastoralist groups have long held the interest of anthropologists, geographers, and ecologists because of their biocultural diversity. Composition of herds, management practices, social organization and all other aspects of pastoralism vary between areas and between social groups. Despite this extensive diversity, pastoral and agro-pastoral populations are also on the margins in many senses of the word. Many traditional herding practices have had to adapt to the changing circumstances of the modern world and pastoral groups are often isolated from development processes and vulnerable to land, food, and health insecurity because of their geographic, political, and cultural position.

The goal of this course is to provide a broad understanding of the issues associated with pastoralism across the globe and to use an integrated anthropological approach to examine how herding populations respond to the myriad challenges associated with globalization, environmental change, and infectious disease. Obviously, many of these issues are intertwined--so as the course progresses, you will develop a more nuanced understanding of the interaction of historical, cultural, and ecological variables and the way they mediate the vulnerability of pastoralist populations.

By the end of the course you should have a clear understanding of: 1) The range of variation in pastoral lifeways across the globe and the major issues facing herding populations in the 21st century; 2) the historical development of thought about pastoralism in various fields including anthropology and ecology, and 3) a critical perspective on the assumptions that are made about pastoralist systems and how this impacts the development and implementation of public policy and research.

Course Format

This course is mixed undergrad/graduate course and will consist of a combination of lecture and class discussion. Advance preparation is important for this class because we will cover a wide array of material. The purpose of lectures will be to review the concepts associated with each topic and integrate the material in the readings. The Power Point slides associated with weekly lecture material will be available before each class on E-Learning. Lectures will be brief, and it is expected that you will come to each class prepared for discussion.

Course Materials

There are no books required for this class, however there are requisite weekly readings. The course schedule provides the readings for each topic. These articles and chapters will be available on the class E-Learning website.

Course Requirements and Grading

Grades are based on a 400 pt. (ANT4930) or 450 pt. (ANG 6930) scale.

Class participation (75 pts.): I will call roll until I am familiar with everyone's name, but I will not assign participation points based on attendance alone. Because this is an upper-level class I expect that students will direct much of class discussion. I will evaluate your participation on the *quality* of your contributions, not just the *quantity* of contributions. *Quality* participation requires that you read all assignments and come to class with questions and discussion points.

Exams (200 pts.) There are two exams during this course (due to me by 5 pm Oct. 14th and Dec. 16th). Each exam consists of short answer and essay questions and is worth 100 points. The exams are designed to test your comprehension of the concepts and readings introduced during the course. Both exams are take-home and open book and you will have a week to complete each of them.

Research paper (125 pts.): All students are required to write a paper on an aspect of pastoralism that corresponds to their interests. The basic information on the paper is presented here, additional material will be provided in class. There are two components to the paper project:

- **Paper abstract** (25 pts total): All students are required to submit a 250-300 word abstract for their paper **by the beginning of class on October 21**. The abstract should be a condensed version of your paper that clearly identifies your thesis statement, provides an overview of the key arguments that you make in the paper, identifies the evidence you are using, and summarizes the conclusion of your research. Do some preliminary library research to help you appropriately identify and narrow your research question-- Feel free to ask questions beforehand. **Do not wait until the last minute to do your abstract.** You will need to have completed your literature review for the paper in order to complete this assignment.
- **Final Drafts** (100 pts.):
Undergrads enrolled in 4930:
The final paper should be 10-pages (excluding references). Papers should be double spaced in 12 pt. Times New Roman font with 1-inch margins. References should be formatted with an appropriate bibliographic style (i.e. Chicago Manual of Style, American Anthropologist style etc.) If you have questions about appropriate bibliographic format, please come see me.

Grads enrolled in 6930:

The final paper should be 20-pages (excluding references). Graduate students are expected to pursue a topic related to pastoralism that is relevant to their overall research goals and produce a publishable manuscript. Figures and tables are not necessary, but if used they should be included at the end of the paper. Papers should be double spaced in 12 pt. Times New Roman font with 1-inch margins. References should be formatted with an appropriate bibliographic style (i.e. Chicago Manual of Style, American Anthropologist style etc.) If you have questions about appropriate bibliographic format, please come see me.

***Final papers must be submitted to Turnitin.com (Through E-Learning) by 5 pm on Dec 8th.**

Graduate Presentations (50 pts.): Each graduate student will do a 10-minute Power Point presentation and 5-minute Q&A session about their research topic for the class. Presentations will be given in a symposium session on Dec. 9th where I will act as a discussant. The goal of this exercise is to help you develop professionally by providing you with an opportunity to talk about your research in front of your peers. Therefore, graduate presentations are expected to be of professional meeting quality.

Grades: Final grades will be based on the following scale: A (90-100), A- (87-89), B+ (84-86), B (80-83), B- (77-79), C+(74-76), C (70-76), C-(67-69), D+(67-69), D (60-63), D-(57-59), E (<57).

Policy on Late Assignments

You are required to complete all assignments by the stated due dates. Late assignments will lose one half-letter grade for each day past the deadline. There are no make-up opportunities for any assignment. I will not assign grades of “incomplete” except in the most unusual, extreme circumstances (i.e. alien abduction). You must provide documentation of such circumstances from an appropriate authority.

Academic Honor Code

Unless it is specifically connected to assigned collaborative work, all work should be individual. Evidence of collusion (working with someone not connected to the class or assignment), plagiarism (use of someone else’s published or unpublished words or design without acknowledgment) will lead to the Department’s and the University’s procedures for dealing with academic dishonesty. All students are expected to honor their commitment to the university’s Honor Code (available online at: www.registrar.ufl.edu/catalog/policies/students.html).

Accommodation for Students with Disabilities

Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation. ***Please make any requests by the second week of class.***

UF Counseling Services

Resources are available on-campus for students that feel like they are struggling in their personal or academic life. These resources include:

- University Counseling Center, 301 Peabody Hall, 392-1575, personal and career counseling
- Student Mental Health, Student Health Care Center, 392-1171, personal counseling
- Sexual Assault Recovery Services (SARS), Student Health Care Center, 392-1161, sexual counseling
- Career Resource Center, Reitz Union, 392-1601, career development assistance and counseling.

Course Schedule and Readings

This is a preliminary schedule of topics and readings. The syllabus is a guide for the course and may be subject to change with advance notice.

Week 1: Introduction (Aug 26)

- Syllabus

Week 2: What is pastoralism? (Sept 2)

- Jacobs, A.H. (1965) African pastoralists: Some general remarks. *Anthropological Quarterly*, 38(3): 144-154.
- Vincze, L. (1980) Peasant Animal Husbandry: A Dialectic Model of Techno-Environmental Integration in Agro-Pastoral Societies. *Ethnology*, 19(4): 387-403.
- Dyson-Hudson, R. and N. Dyson-Hudson (1980) Nomadic pastoralism. *Annual Review of Anthropology*, 9: 15-61.
- Salzman P.C. (2004) “Introduction: Pastoralism and Pastoral Societies.” In, *Pastoralists: Equality, Hierarchy, and the State*. Boulder: Westview Press. Pp. 1-16.
- Homewood, K. (2008) “Contemporary Pastoralist Systems.” In, *Ecology of African Pastoralist Societies*. Athens: Ohio University Press. Pp. 94-131.
- Waller, R. and N.W. Sobana (1994) “Pastoralism in Historical Perspective” In, *African Pastoralist Systems: An Integrated Approach*. Edited by Fratkin, E., Galvin K.A., and E.A. Roth. Boulder: Lynne Rienner Publishers. Pp. 45-68.

Week 3: Pastoralism in the past (Sept 9)

- Lees, S.H. and D.G. Bates (1974) The Origins of Specialized Nomadic Pastoralism: A Systemic Model. *American Antiquity*, 39(2): 187-193.
- Rosen, S.A. (1992) Nomads in Archaeology: A Response to Finkelstein and Perevolotsky. *Bulletin of the American Schools of Oriental Research*, 287:75-85.
- Marshall, F. (1994) "Archaeological Perspectives on East African Pastoralism," In, *African Pastoralist Systems: An Integrated Approach*. Edited by Fratkin, E., Galvin K.A., and E.A. Roth. Boulder: Lynne Rienner Publishers. Pp. 17-44.
- Hanotte, O., Bradley, D.G., Ochieng, J.W., Verjee, Y., Hill, E., and J.E.O. Reg (2002) African Pastoralism: Genetic Imprints of Origins and Migrations. *Science*, 296 (5566): 336-339.
- Lane, K. (2006) Through the looking glass: re-assessing the role of agro-pastoralism in the north-central Andean highlands. *World Archaeology*, 38(3): 493-510.
- Murphy, E.M., Chistov, Y.K., Hopkins, R., Rutland, P., and G.M. Taylor (2009) Tuberculosis among Iron Age individuals from Tyva, South Siberia: Paleopathological and biomolecular findings. *Journal of Archaeological Science*, 36: 2029-2038.

Week 4: Classic anthropological approaches to understanding modern pastoral production (Sept 16)

- Pluciennik, M (2001) Archaeology, Anthropology and Subsistence. *The Journal of the Royal Anthropological Institute*, 7(4): 741-758.
- Shanklin, E. (1985) Sustenance and Symbol: Anthropological Studies of Domesticated Animals. *Annual Review of Anthropology*, 14: 375-403.
- Scoones, I. (1999) New Ecology and the Social Sciences: What Prospects for a Fruitful Engagement? *Annual Review of Anthropology*, 28: 479-507.
- Fratkin, E. and K. Smith (1994) "Labor, Livestock, and Land: The Organization of Pastoral Production." In, *African Pastoralist Systems: An Integrated Approach*. Edited by Fratkin, E., Galvin K.A., and E.A. Roth. Boulder: Lynne Rienner Publishers. Pp. 91-112.
- Homewood, K. (2008) "Pastoral Livelihoods and Economy." In, *Ecology of African Pastoralist Societies*. Athens: Ohio University Press. Pp. 132-157.

Week 5: Pastoralism and ecology (Sept 23)

- Hardin, G. (1968) The Tragedy of the Commons. *Science*, 162, 1243 – 1248.
- Ostrom, E., Burger, J., Field, C.B., Norgaard, R.B., and D. Policansky (1999) Revisiting the Commons: Local Lessons, Global Challenges. *Science*, 284(5412): 278-282.
- Reid, R.S., Galvin, K.A., and R.S. Kruska (2007) Global Significance of Extensive Grazing Lands and Pastoral Societies: An Introduction. In, *Fragmentation in Semi Arid and Arid Landscapes, Consequences for Human and Natural Systems*. Edited by Glavin, K.A., Reid, R.S., Behnke, and N. Thomson Hobbs. New York: Springer Netherlands. Pp. 1-24.
- Homewood, K. (2008) "Pastoralist Environments, Constraints, and Strategies." In, *Ecology of African Pastoralist Societies*. Athens: Ohio University Press. Pp. 50-93.
- Taylor, J.L. (2006) Negotiating the Grassland: The Policy of Pasture Enclosures and Contested Resource Use in Inner Mongolia. *Human Organization* 65(4): 374-386.
- Fernandez-Gimenez, M. (2000) The Role of Mongolian Nomadic Pastoralists Ecological Knowledge in Rangeland Management. *Ecological Applications* 10(5): 1318-1326.

Week 6: Pastoralism and development policy (Sept 30)

- Kearney, M. (1995) The Local and the Global: The Anthropology of Globalization and Transnationalism. *Annual Review of Anthropology*, 24: 547-565.
- Fratkin, E. (1997) Pastoralism: Governance & Development Issues. *Annual Review of Anthropology*, 26.
- Moritz, M. (2007) Competing Paradigms in Pastoral Development? A Perspective from the Far North of Cameroon. *World Development*, 36(11): 2243-2254.
- Anderson, D.M (2000): Rehabilitation, Resettlement, and Restocking: Ideology and Practice in Pastoralist Development. In, *The Poor Are Not Us: Poverty and Pastoralism in East Africa*. Edited by D.M. Anderson and V. Broch-Due. Athens: Ohio University Press. Pp. 240-256.

Week 7: Land tenure (Oct 7)

- Okoth-Ogendo, H.W. (1989) Some Issues of Theory in the Study of Tenure Relations in African Agriculture. *Africa*, 59(1): 6-17.
- Alimaev, I., and R.H. Behnke (2008) "Ideology, Land Tenure, and Livestock Mobility in Kazakhstan." in K.A. Galvin et al. (eds.), *Fragmentation in Semi-Arid and Arid Landscapes: Consequences for Human and Natural Systems*, 151-178. New York: Springer.
- Galaty, J.G. (1994) "Rangeland Tenure and Pastoralism in Africa" In, *African Pastoralist Systems: An Integrated Approach*. Edited by Fratkin, E., Galvin K.A., and E.A. Roth. Boulder: Lynne Rienner Publishers. Pp. 185-204.
- Fernández-Giménez, M.E. (2002) Spatial and Social Boundaries and the Paradox of Pastoral Land Tenure: A Case Study from Postsocialist Mongolia. *Human Ecology*, 30(1): 49-78.
- Bassett, T.J. (2009) Mobile pastoralism on the brink of land privatization in Northern Cote d'Ivoire. *Geoforum*. In press:([doi:10.1016/j.geoforum.2009.04.005](https://doi.org/10.1016/j.geoforum.2009.04.005)).

Week 8: Reduced mobility/Sedentarization (Oct 14)

- McCabe, J.T. (1994) "Mobility and Land Use Among African Pastoralists: Old Conceptual Problems and New Interpretations." In, *African Pastoralist Systems: An Integrated Approach*. Edited by Fratkin, E., Galvin K.A., and E.A. Roth. Boulder: Lynne Rienner Publishers. Pp. 69-90.
- Schwartz, H.J. (2005) Ecological and Economic Consequences of Reduced Mobility in Pastoral Livestock Production Systems." In, *As Pastoralists Settle: Social, Health, and Economic Consequences of Pastoral Sedentarization in Marsabi District, Kenya*. Edited by Fratkin, E. and E.A. Roth. New York: Kluwer Academic Publishers. Pp. 69-86.
- Xu, J., Yang, Y., Li, Z., Tashi, N., Sharma, R., and J. Fang (2008) Understanding Land Use, Livelihoods, and Health Transitions among Tibetan Nomads: A Case from Gangga Township, Dingri County. Tibetan Autonomous Region of China. *EcoHealth*, (5):104-114.
- Fratkin, E. and K. Smith (2005) Women's Changing Economic Roles with Pastoral Sedentarization: Varying Strategies in Alternate Rendille Communities." In, *As Pastoralists Settle: Social, Health, and Economic Consequences of Pastoral Sedentarization in Marsabi District, Kenya*. Edited by Fratkin, E. and E.A. Roth. New York: Kluwer Academic Publishers. Pp. 155-172.

***Midterm exams due Oct 14th in class.**

Week 9: Climate change and ecological degradation (Oct 21)

- McLaughlin, P., T. Dietz (2008) Structure, agency, and environment: Toward an integrated perspective on vulnerability. *Global Environmental Change*, 18(1): 99-111.
- Handmer, J.W., Dovers S., and T.E. Dowing (1999) Societal Vulnerability to Climate Change and Variability. *Mitigation and Adaptation Strategies for Global Change*, 4(3-4): 1573-1596.
- Tyler N.J.C., Turi J.M., Sundset M.A., Strom Bull K., Sara, M.N., Reinert, E., Oskal, N., Nellemann, C., McCarthy, J.J., Mathiesen, S.D., Martello, M.L., Magga, O.H., Hovelsrud, G.K., Hanssen-Bauer I., Eira, N.I., Eira, I.M.G., and R.W. Corell. (2007) Saami reindeer pastoralism under climate change: Applying a generalized framework for vulnerability studies to a sub-arctic social-ecological system. *Global Environmental Change* 17(2): 191-206.
- Paavola, J. (2008) Livelihoods, vulnerability, and adaptation to climate change in Morogoro, Tanzania. *Environmental Science and Policy*, 11(7): 642-654.
- Kassahun, A., Snyman, H.A. and G.N. Smit (2008) Impact of rangeland degradation on the pastoral production systems, livelihoods and perceptions of the Somali pastoralists in Eastern Ethiopia. *Journal of Arid Environments*, 72(7): 1265-1281.

***Abstracts due in class on Oct 21.**

Week 10: Household resource security (Oct 28)

- Wilk, R. and R. Netting (1984) "Households: Changing Forms and Functions." In, *Households: Comparative and historical studies of the domestic group*. Edited by Netting, R.M., Wilk, R.R., and E.J. Arnould. California: University of California Press. Pp 1-28.

- Fratkin, E. (1989) Household variation and Gender Equality in Ararial pastoral production: Results of a Stratified Time Allocation Survey. *American Anthropologist*, 91(2): 430-440.
- Homewood, K. (2008) "Pastoral Food Systems, Diets, and Nutrition." In, *Ecology of African Pastoralist Societies*. Athens: Ohio University Press. Pp. 177-198.
- Bogale, A. and B. Korf (2007) To Share or Not to Share? (Non-)Violence, Scarcity, and Resource Access in Somali Region, Ethiopia. *Journal of Development Studies*, 43(4):743-765.
- Pederson, J. and T.A. Benjaminsen (2008) One Leg or Two? Food Security and Pastoralism in the Northern Sahel. *Human Ecology*, 36(1): 43-57.
- Mehta, L (2007) Whose scarcity? Whose property? The case of water in western India. *Land Use Policy*, 24(4): 654-663.

Week 11: Health: Infectious diseases among cattle and humans (Nov 4)

- Singer, M. and S. Clair (2003) Syndemics and Public Health: Reconceptualizing Disease in Bio-Social Context. *Medical Anthropology Quarterly*, 17(4): 423-441.
- Mocellin, J. and P. Foggin (2008) Health status and geographic mobility among semi-nomadic pastoralists in Mongolia. *Health and Place*, 14(2): 228-242.
- Homewood, K. (2008) "Biology of the Herds." In, *Ecology of African Pastoralist Societies*. Athens: Ohio University Press. Pp. 158-176.
- Rufael, T., Catley, A., Bogale, A., Sahle, M. and Y. Shiferaw (2008) Foot and Mouth Disease in the Borana pastoral system, southern Ethiopia and implications for livelihoods and international trade. *Tropical Animal Health and Production*, 40(1): 29-38.
- Schelling, E., Wyss, K., Diguimbaye, C., Bechir, M., Taleb, M.O., Bonfoh, B., Tanner, M., and J. Zinsstag (2007) Towards Integrated and Adapted Health Services for Nomadic Pastoralists and their Animals: A North-South Partnership. In G. Hirsch Hadorn et al. (eds.) *Handbook of Transdisciplinary Research*. Pp 277-291.

Week 12: Demography, Fertility, and Reproduction (Nov 11)

- Greenhalgh, S. (1990) Toward a Political Economy of Fertility: Anthropological Contributions. *Population and Development Review*, 16(1): 85-106.
- Randall, S. (2008) "African Pastoralist Demography." In, *Ecology of African Pastoralist Societies*. Edited by K. Homewood. Athens: Ohio University Press. Pp. 199-226.
- Shell-Duncan, B. (1994) "Child Fostering Among Nomadic Turkana Pastoralists: Demographic and Health Consequences" In, *African Pastoralist Systems: An Integrated Approach*. Edited by Fratkin, E., Galvin K.A., and E.A. Roth. Boulder: Lynne Rienner Publishers. Pp. 147-164.
- Roth, E.A., Nathan, M.A, and E. Fratkin (2005) "The Effects of Pastoral Sedentarization on Children's Growth and Nutrition among Ararial and Rendille Communities in Northern Kenya." In, *As Pastoralists Settle: Social, Health, and Economic Consequences of Pastoral Sedentarization in Marsabi District, Kenya*. Edited by Fratkin, E. and E.A. Roth. New York: Kluwer Academic Publishers. Pp. 173-192.
- DeVries, D., Leslie P.W., and J.T. McCabe (2006) Livestock Acquisitions Dynamics in Pastoralist Herd Demography: A Case Study Among Ngisonyoka Herders of South Turkana, Kenya. *Human Ecology*, 34(1): 1-25.

Week 13: Threats to Pastoral Identity (Nov 18)

- Gupta, A., and J. Ferguson (1992) Beyond "Culture": Space, Identity, and the Politics of Difference. *Cultural Anthropology*, 7(1): 6-23.
- Williams, D.M. (1997) Grazing the Body: Violations of Land and Limb in Inner Mongolia. *American Ethnologist* 24(4): 763-785.
- Adriansen, H.K. (2005) Continuity and Change in Pastoral Livelihoods of Senegalese Fulani. *Agriculture and Human Values*. 23(2): 215-229.
- Rekdal, O.B. and A. Blystad (2000) 'We Are As Sheep and Goats': Iraqw and Datoga Discourses on Fortune, Failure, and the Future. In, *The Poor Are Not Us: Poverty and Pastoralism in East Africa*. Edited by D.M. Anderson and V. Broch-Due. Athens: Ohio University Press. Pp 125-146.
- Igoe, J. (2006) Becoming indigenous peoples: Difference, inequality, and the globalization of East African identity politics. *African Affairs*, 105(40): 399-420.

Week 14: Violence and Conflict (Nov 25)

- Schlee, G. (2004) Taking Sides and Constructing Identities: Reflections on Conflict Theory. *Journal of the Royal Anthropological Institute*, 10(2): 241-294.
- Farmer, P. (2004) An Anthropology of Structural Violence. *Current Anthropology*, 45(3): 305-325.
- Gray, S. (2000) A Memory of Loss: Ecological Politics, Local History, and the Evolution of Karimojong Violence. *Human Organization*, 59(4): 401-418.
- Mkutu, K.A. (2008) "State Interventions in Pastoral Conflicts," In, *Guns and Governance in the Rift Valley: Pastoralist Conflict and Small Arms*. Oxford: James Curry. Pp.116-146.
- Galaty, J.G. (2005) "Time, Terror, and Pastoral Inertia: Sedentarization and Conflict in Northern Kenya." In, *As Pastoralists Settle: Social, Health, and Economic Consequences of Pastoral Sedentarization in Marsabi District, Kenya*. Edited by Fratkin, E. and E.A. Roth. New York: Kluwer Academic Publishers. Pp. 53-68.
- Pike, I.L. (2004) The Biosocial Consequences of Life on the Run: A Case Study from Turkana District, Kenya. *Human Organization*, 63(2): 221-235.

Week 15: Future directions (Dec 2)

- Little, P.D. (2008) Recasting the Debate: Development Theory and Anthropological Practice. *NAPA Bulletin*, 18(1): 119-131.
- Rylko-Bauer, B., Singer, M., and J. Van Willigen (2008) Reclaiming Applied Anthropology: Its Past Present and Future. *American Anthropologist*, 108(1): 178-190.
- Homewood, K (2008) "Diversification, Development, and Change in Pastoralist Systems." In, *Ecology of African Pastoralist Societies*. Athens: Ohio University Press. Pp. 227-252.
- Elie, S.D. (2008) The Waning of Soqotra's Pastoral Community: Political Incorporation as Social Transformation. *Human Organization*, 67(3): 335-345.
- Postigo, J.C., Young, K.R., and K.A. Crews (2008) Change and continuity in a Pastoralist Community in the High Peruvian Andes. *Human Ecology*, 36(4): 535-551.

****Final papers due to Turnitin.com by 5 pm Dec 2nd***

Week 16: Graduate Student Presentations (Dec. 9th)

- No readings

**** Final exams due to me (Grinter 433) by 5 pm Dec. 16th.***