

University of Missouri-Columbia
Department of Anthropology Newsletter

From the Chair:

The past twelve months (since the last issue, volume 9, of Wa-jée-pa-na was distributed) have been busy for the University of Missouri-Columbia's Anthropology Department. One exciting bit of news is that we recruited a new faculty member last year, a cultural anthropologist with strong interests in cultural transmission and cultural evolution to complement our strengths. Dr. Karthik Panchanathan joined us in August. That means there are 12 full-time regular faculty for the first time in a decade. And we are recruiting for an archaeologist this fall!

There has been much activity the past few months. **Dr. Martin Daly**, a noted psychologist from Canada, has taken up residence in Swallow Hall as a Research Professor. He will be teaching a graduate seminar in Spring 2013, and looks forward to interacting with faculty and graduate students. And a rumor is afoot that Dr. Napoleon Chagnon (of Yanomamo fame) might be joining us as a Research Professor in January 2013.



Once again, we have many new graduate students. That swells their ranks to a level not seen since the late 1990s. Swallow Hall is often buzzing as faculty discuss the latest published research, students seek advice from faculty, or graduate students discuss their thesis and dissertation projects.

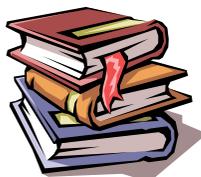
This issue of *Wa-jée-pa-na* contains news tid-bits from many of our faculty and some of our graduate students. The reported activities of faculty and staff are symbolic of the renewed vigor that has been evident in Swallow Hall over the past couple years. It is truly a fun time to be an anthropologist at MU.

This is my thirteenth consecutive year as Chair, and it looks like I will be stepping down in August 2013. Mark Flinn will be taking over as Chair at that time, so do please give him all your support.

As noted last year, we are discontinuing circulation of *Wa-jée-pa-na* in hard copy and distributing it to our friends and alums electronically. Please **send us your email address** if you wish to continue receiving news of MU Anthropology.

R. Lee Lyman

Books recently published by faculty



—**Palmer C.T.**, E.K. Groom, and J. H. Brandon. 2012. *Kindness, Kinship, and Tradition in Newfoundland/Alberta Migration*. Institute of Social and Economic Research: St. John's, NL. (Groom & Brandon are former graduate students in MU Anthropology.)

—**Wolverton**, Steve, and **R. Lee Lyman** (editors). 2012. *Conservation Biology and Applied Zooarchaeology*. University of Arizona Press, Tucson. (Wolverton earned his doctorate from MU Anthropology in 2001.)



Important Alumni Survey

During the 2011-12 academic year, the MU Administration asked Anthropology and several other degree-granting departments across the campus to draft a self-study focusing on strengths and weaknesses of curricula. One requirement of that study (reviewed by the Arts and Science Dean, Campus Provost, Vice Provost for Undergraduate Education, and Dean of the Graduate School in April 2012) was that plans for improvement of learning-based outcomes be included and acted upon during the 2012-13 academic year. Anthropology choose three initiatives: (i) to build a database that tracked careers of our alums at all degree levels (BA, MA, PhD), (ii) to solicit information from alums at all degree levels regarding their perceptions of the value of MU training in anthropology, and (iii) to form a Development Board of alums and others interested in assisting with furthering the aims of the MU Department of Anthropology. We are working on initiating implementation of the third initiative this academic year.

The first two initiatives have been put in place. In particular, we ask that you, our alums, visit our department web page: (<http://anthropology.missouri.edu>) and find the link "Important Alumni Survey." Clicking on this link will take you to a set of questions for Initiatives I and II. We would greatly appreciate it if you could devote 10-15 minutes to answering those questions. Although we would prefer to receive responses from you on all questions, we realize you may be unable to respond to all questions for various reasons. Responses to any questions would, however, be most helpful to us as we evaluate how effectively we have trained you to enter the modern work force, and we work to upgrade the education of future alums. Logging on and answering those questions would be a major way for you to assist us. We will provide synopses of responses received in future issues of *Wa-jee-pa-na*.

FACULTY ACTIVITIES



Gregory Blomquist has over the last year been working on several projects on primate mother-offspring interactions mostly focusing on the genetics of birth weight and milk properties in captive gorillas, squirrel monkeys, and rhesus macaques. A research highlight of the last year were invitations to travel and speak at the American Society of Primatology's Interdisciplinary Symposium in Austin, Texas last Fall and a pair of International Primatological Society symposia in Cancun, Mexico this past August. Greg's home life is now full of mother and allomother-offspring interaction, too, with the birth of a daughter in July 2011. Recent publications include:

—**Blomquist GE**. in press. Maternal effects on offspring survival in rhesus macaques (*Macaca mulatta*). *American Journal of Primatology*.

—**Blomquist GE**. 2012. Quantitative genetic perspectives on female macaque life histories: Heritability, plasticity, and trade-offs. In: Klancy K, Hinde K, and Rutherford J (eds.) *Building Babies: Primate Development in Proximate and Ultimate Perspective*. New York: Springer, pp. 480-495. doi:10.1007/978-1-4614-4060-4.

—**Blomquist GE**. 2012. Female age of first reproduction at Cayo Santiago: heritability and shared environments. In: Wang Q (ed.) *Bones, Genetics, and Behavior of Rhesus Macaques (Macaca mulatta): Cayo Santiago and Beyond*. New York: Springer, pp. 195-208. doi:10.1007/978-1-4614-1046-1.

—**Blomquist GE** and Turnquist JE. 2011. Selection on adult female body size in rhesus macaques. *Journal of Human Evolution* 60: 677-683. doi:10.1016/j.jhevol.2010.05.010.

—**Blomquist GE**, Sade DS, and Berard JD. 2011. Rank-related fitness differences and their demographic pathways in semi-free ranging rhesus macaques (*Macaca mulatta*). *International Journal of Primatology* 31: 193-208. doi:10.1007/s10764-010-9461-z.

Libby Cowgill has continued to publish on the effects of childhood activity on human bone. She has also begun to develop new projects and research directions, focusing on immature adaptation to climate and juvenile responses to selection. Currently, she is working with an international group of collaborators to investigate two Upper Paleolithic burials from the Russian site of Sungghir. In addition to new articles on her primary interests, she has also been working on an edited volume on the bio-archaeology of Point Hope Alaska, which will be published this year with Cambridge Press. This year she presented three papers at the meetings for the American Association of Physical Anthropology in Portland, Oregon. She is currently working on several grants for new projects. Recent publications include:



—Kindschuh SC, Dupras TL, **Cowgill LW**. 2012. Exploring Ancestral Variation of the Hyoid. *Journal of Forensic Sciences*, in press.

—**Cowgill LW**. 2011. One Year in Biological Anthropology: Species, Integration, and Boundaries in 2010. *American Anthropologist* 113: 213-221.

—Temple DH, Okazaki K, **Cowgill LW**. 2011. Ecogeographic principles are reflected in the ontogeny of limb proportions among Jomon foragers. *American Journal of Physical Anthropology* 145:415-425.



Mark V. Flinn reports that 2011-12 was a good year, with lots of travel for talks up north in Montreal, Hamilton, and St. Catherines (Canada), and out west in Tempe, Stillwater, & Albuquerque, a National Academy of Sciences symposium in Irvine, several plenary lectures and a research trip to Dominica with post-doc Davide Ponzi. So far duties as president-elect of the Human Behavior & Evolution Society have not been onerous. He is writing up results from long term research funded by the National Science Foundation on child stress, and starting new projects on the hormonal mechanisms for grandparenting and for coalitional relationships.

Recent publications include:

—**Flinn, M.V.**, Ponzi, D., & Muehlenbein, M.P. 2012. Hormonal mechanisms for regulation of aggression in human coalitions. *Human Nature* 22: 68-88. DOI 10.1007/s12110-012-9135-y

—**Flinn, M.V.**, Duncan, C., Quinlan, R.L., Leone, D.V., Decker, S.A. and Ponzi, D. 2012. Hormones in the wild: Monitoring the endocrinology of family relationships. *Parenting: Science and Practice* 12:124-133. DOI: 10.1080/15295192.2012.683338

—**Flinn, M.V.** 2012. The evolutionary biology of culture. In K. Summers & B. Crespi, (Eds.) *Foundations of Human Social Evolution*. Oxford: Oxford University Press. *in press*.

—**Flinn, M.V.**, Ponzi, D., Nepomnaschy, P. & Noone, R. 2012. Ontogeny of stress reactivity: phenotypic flexibility, trade-offs, and pathology. In Laviola, G. & Macri, S. (Mal)adaptive aspects of developmental stress. Berlin: Springer. *In press*.

—Walker, R.S., Hill, K., **Flinn, M.V.**, & Ellsworth, R. 2011. Evolutionary history of hunter-gatherer marriage practices. *PLoS ONE* 6(4): e19066. doi:10.1371/journal.pone.0019066

—**Flinn, M.V.**, Nepomnaschy, P., Muehlenbein, M.P., & Ponzi, D. 2011. Evolutionary functions of early social modulation of hypothalamic-pituitary-adrenal axis development in humans. *Neuroscience and Biobehavioral Reviews* 35: 1611-1629.

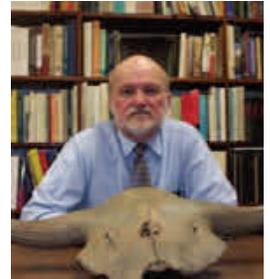
—Decker, S. & **Flinn, M.V.** 2011. Parenting styles and gender-linked drinking behaviors in Dominica. *Ethos* 39:189-210.

—**Flinn, M.V.** 2011. Evolutionary anthropology of the human family. *Oxford handbook of evolutionary family psychology*, C. Salmon & T.

>Shackleford (Eds.), pp. 12-32. Oxford: Oxford University Press.

—Muehlenbein, M. & **Flinn, M.V.** 2011. Pattern and process of human life history evolution. In: *Oxford handbook of life history*, T. Flatt & A. Heyland (Eds.), pp. 153-168. Oxford: Oxford University Press.

R. Lee Lyman devoted the past year to completing his NSF-funded three-year study of the mammal remains from a terminal Pleistocene archaeological site in eastern Washington state. Lyman continued to pursue his interests in applied or conservation paleozoology (see publications below). He currently is working on initiating an archaeological reconnaissance project in the mountains of southeastern Washington. Most archaeological research in the area has been management-driven, and thus has focused on areas where construction activities threaten cultural resources, particularly river channels that have been dammed. Highlands and mountains, where ethnographically American Indians spent at least half of the year, have never been systematically examined for archaeological remains. If the project gets off the ground, it will mean many miles on horseback and many nights in coniferous forests sleeping on the ground. Lyman can't wait! Recent publications include:



—**Lyman, R.L.** 2012. Applied Zooarchaeology: History, Value, and Use. In *Conservation Biology and Applied Zooarchaeology*, edited by S. Wolverton and R. L. Lyman, pp. 208–232. University of Arizona Press, Tucson.

—**Lyman, R.L.** 2012. Rodent-Prey Content in Long-term Samples of Barn Owl (*Tyto alba*) Pellets from the Northwestern United States Reflects Local Agricultural Change. *American Midland Naturalist* 167:150–163.

—**Lyman, R.L.** 2012. Lewis R. Binford's Impact on Zooarchaeology: A Consideration of Three Volumes (and assorted other things) that Altered the Way We Think about the Bones of Human Prey. *Ethnoarchaeology* 4:55–78.

—**Lyman, R.L.** 2012. A Warrant for Applied Paleozoology. *Biological Reviews* 87:513–525.

—**Lyman, R.L.**, C.N. Rosania†, and M.T. Boulanger†. 2012. Comparison of Fluoride and Direct AMS Radiocarbon Dating of Bone. *Journal of Field Archaeology* 37:226–237.

—**Lyman, R.L.** 2012. The Influence of Screen-Mesh Size, and Size and Shape of Rodent Teeth on Recovery. *Journal of Archaeological Science* 39:1854–1861.

—**Lyman, R.L.** 2012. Biodiversity, Paleozoology, and Conservation Biology. In *Paleontology in Ecology and Conservation*, edited by Julien Louys, pp. 147–169. Springer-Verlag, Berlin.

—**Lyman, R.L.** 2012. A Historical Sketch on the Concepts of Archaeological Association, Context, and Provenience. *Journal of Archaeological Method and Theory* 19:207–240.

—**Lyman, R.L.** 2012. Human-Behavioral and Paleoecological Implications of Terminal Pleistocene Fox Remains at the Marmes Site (45FR50), Eastern Washington State, USA. *Quaternary Science Reviews* 41:39–48.

—Beary, M.O. †, and **R.L. Lyman**. 2012. The Use of Taphonomy in Forensic Anthropology: Past Trends and Future Prospects. In *A Companion to Forensic Anthropology*, edited by D. C. Dirkmaat, pp. 499–527. Wiley-Blackwell, Malden, MA.

(†current and former MU graduate students)



Craig T. Palmer, over the past year, successfully completed fieldwork on the labor migration of Newfoundlanders to the oil fields of northern Alberta, and the start of a new research project on the portrayals of individuals who rescued Jews from

the Holocaust. The research on migration culminated in the publication of a book *Kindness, Kinship, and Tradition in Newfoundland/Alberta Migration* by the Institute of Social and Economic Research: St. John's, NL, which was co-authored with two former graduate students, Emily Groom and Jordan Brandon. The new project on rescue during the Holocaust has been made possible by a generous research leave from the Anthropology Department during the 2012-13 academic year. The project will include research at Holocaust museums in North America, Europe, and Israel and has been funded by a grant from the Binah Yitzrit Foundation, University of Texas, Austin, TX. Dr. Palmer has been invited to give a talk on this research during the fall of 2012 at the Conference on Evolution and Traditional Religions at the Center for Jewish Studies at Arizona State University, and two talks at the Schechter Institute in Jerusalem during the spring and summer of 2013.

The past year has also seen the publication of journal articles and/or book chapters with several other past and present graduate students: Christina Pomianek, Ryan Begley, Ryan Ellsworth, and Chris Cassidy. In addition, Dr. Palmer had the pleasure of being a mentor to Bethany Henry who was a McNair Scholar in MU Anthropology. Publications that have appeared during the past twelve months include:

—**Palmer, C.T.**, R.O. Begley, K. Coe, & L.B. Steadman. 2012. Moral Elevation and Traditions: Ancestral Encouragement of Altruism through Ritual and Myth. *Journal of Ritual Studies*, in press.

—Coe, K. & **C.T. Palmer**. 2012. Cross-Cultural Variation in Altruism: Traditional Parental Manipulation and Ancestor-Descendant Conflict. In *Altruism in Cross-Cultural Perspective*. D. Vakoch, ed. Springer: New York, in press.

—**Palmer, C.T.**, K. Coe, & R.O. Begley. 2012. In Defense of Differentiating Pilgrimage from Tourism. *International Journal of Tourism Anthropology* In press.

—**Palmer, C.T.**, R. Goldberg, & L.B. Steadman. 2012. A New Conceptual Approach to Religion, Initiation, and Social Identity: A Comparison of Traditional Jewish and Ndembu Rituals. In *Science and the World's Religions*. P. McNamara & W. Wildman, eds. Praeger Press: New York. In Press.

—Coe, K., C.S. VanPool, & **C.T. Palmer**. 2012. Figurines, Religion, and Tradition in Human Evolution. In *Science and the World's Religions*. P. McNamara & W. Wildman, eds. Praeger Press: New York. In Press.

—Coe, K. & **C.T. Palmer**. 2012. Mothers, Traditions and the Human Strategy to Leave Descendants. In *Evolution's Empress: How Females Shape Human Adaptation*. M. Fisher, J. R. Garcia, R. S. Chang & S. L. Strout, eds. Oxford University Press: New York. In press.

—**Palmer, C.T.**, C. Cassidy, & A. L. Palmer. 2011. The Pink, White and Green of the Newfoundland Cultural Landscape: Variations in the Display and Meaning of the 'Republic of Newfoundland' Flag. *Material Culture: Journal of the Pioneer Society of America* 43(1):40-60.

—Coe, K. & **C.T. Palmer**. 2011. 'Low Sex' Cultures, Religious Moral Traditions, and Evolutionary Theory: Cultural Mechanisms for Influencing Male Sexual Behavior. *Journal of Anthropological Research* 67(4):557-572.

—Pomianek, C., **C.T. Palmer**, R.L. Wadley, & K. Coe. 2011. Cultural Traditions and the Treatment of Freeriders. *Journal of Global and International Studies* 3(1):1-20.

—Ellsworth, R., & **C.T. Palmer**. 2011. The Search for Human Rape and Anti-Rape Adaptations: Ten Years After A Natural History of Rape. In *The Ashgate Research Companion to Biosocial Theories of Crime*. Pp. 349-368. K. Beaver & A. Walsh, eds. Ashgate Press: Burlington, VT.

—Coe, K., **C.T. Palmer**, & C. Pomianek. 2011. ET Phone Darwin: What Can an Evolutionary Understanding of Animal Communication and Art Contribute to Our Understanding of Methods For Extraterrestrial Communication? In *Culture in the Cosmos: Extraterrestrial Life and Society*. Pp. 214-225. D. A. Vakoch & A. A. Harrison, eds. Berghahn Books: New York.

—Coe, K., G. Barker, & C.T. Palmer. 2011. Social Interaction and Technology: Cultural Competency and the Universality of Good Manners. In *Companion to Medical Anthropology*. Pp. 443-458. M. Singer & P. Erickson, eds. Wiley-Blackwell: West Sussex.

Karthik Panchanathan joined the MU Anthropology faculty in August 2012. He is a cultural anthropologist who earned his PhD from UCLA two years back (in 2010) and taught at Pomona College last year. His dissertation research examined the role of reputation in the evolution of cooperation. Over the past year, he has been working with a developmental psychologist on how natural selection shapes developmental systems. Using the theoretical models Karthik and his collaborators have built, they hope to address questions such as: When should we expect developmental systems to have relatively rigid critical periods for learning?



Recent publications include:

—**Panchanathan, K.**, W.E. Frankenhuis, and Jo.B. Silk. The bystander effect in an *N*-person dictator game. *Organizational Behavior and Human Decision Processes* (in press).

—Nettle, D., **K. Panchanathan**, T. Rai, and A.P. Fiske. 2011. The Evolution of Giving, Sharing, and Lotteries. *Current Anthropology* 52:747–756.

—Frankenhuis, W.E., and **K. Panchanathan**. 2011. Individual differences in developmental plasticity may result from stochastic sampling. *Perspectives on Psychological Science* 6:336–347.

—Frankenhuis, W.E., and **K. Panchanathan**. 2011. Balancing sampling and specialization: An adaptationist model of incremental development. *Proceedings of the Royal Society B* 278: 3558-3565.

—**Panchanathan, K.** 2011. Two wrongs don't make a right: The initial viability of different assessment rules in the evolution of indirect reciprocity. *Journal of Theoretical Biology* 277: 48–54.





Deborah M. Pearsall was coeditor of a Fall 2011 textbook sponsored by the Society of Ethnobiology and co-edited by E. Anderson, D. Pearsall, E. Hunn & N. Turner (*Ethnobiology*. John Wiley and Sons, Hoboken NJ). Pearsall also authored a chapter in the book on paleoethnobotany with C. Hastorf of Berkeley (Reconstructing past life-ways with plants II: Human-environment and human-human interactions. Pp. 173-187.) Other fall 2011 activities included preparing book chapter contributions on formation processes of pollen and phytoliths and on curating paleoethnobotanical specimens and botanical reference collections.

The MU Paleoethnobotany Lab hosted Anne-Marie Faucher of Université Laval, Québec, for the spring 2012 semester. Anne-Marie is participating in the project, "Human Eco-dynamics in Barbuda: New Approaches for Caribbean Archaeology", funded by the Research Council of Canada, Social Sciences and Humanities (Project PIs: A. Bain, D. M. Pearsall, M. Burn, L. Kennedy), and came to MU to receive training in phytolith and starch grain analysis.

Pearsall and undergraduate assistant D. Banks (MU Anthropology minor) spent time during summer 2012 working on curation of botanical collections and documents of completed projects at the Museum Support Center. Over 900 lbs of foreign soil from completed phytolith research projects was autoclaved and disposed of, and 38 boxes of records were inventoried.

Recent publications include:

—Yansheng G., Z. Zhao**, **D.M. Pearsall**. 2012. Phytolith morphology research on wild and domesticated rice species in Southeast Asia. *Quaternary International*, in press.

—Logan**, A., C.A. Hastorf, **D.M. Pearsall**. 2012. "Let's drink together:" Early ceremonial use of maize in the Titicaca Basin. Ms. *Latin American Antiquity*, in press.

—**Pearsall, D.M.** 2012. People, plants, and culinary traditions. In *Oxford Handbook of North American Archaeology*, edited by T. R. Pauketat. Oxford University Press.

—**Pearsall, D. M.** and P. W. Stahl. 2012. The origins and spread of early agriculture and domestication: Environmental and cultural considerations. Pp. 328-354 In *Handbook of Environmental Change, Volume 2, Human Impacts and Responses*, edited by J. A. Matthews, P. J. Bartlein, K. R. Briffa, A. G. Dawson, A. de Vernal, T. Denham, S. C. Fritz, F. Oldfield. Sage, London.

—Stahl, P. W. and **D. M. Pearsall**. 2011. Late Pre-Columbian agroforestry in the tropical lowlands of western Ecuador. *Quaternary International* 249:43-52.

(**former MU students)

Lisa Sattenspiel is continuing work with her students (Carolyn Orbann, Jessica Dimka, and Erin Miller, and new student Amy Warren) on an agent-based computer simulation model for the spread of influenza in St. Anthony, Newfoundland. Becca Shattuck is also a member of her group, and Dana Schmidt has joined it this year. Development of the St. Anthony model has finally reached a stage where it can begin to be used to answer interesting questions, which will be the focus of activities in the coming year.



Lisa's collaboration with Svenn-Erik Mamelund on the mortality experiences of Alaska and Labrador during the 1918 flu, has also been progressing nicely. Along with Jessica Dimka, a poster based on this project was presented at last year's Human Biology Association meetings. A paper on this work is in press at *Social Science History*, and another paper has been submitted. Lisa has also started an interesting collaboration with Alan Swedlund (University of Massachusetts-Amherst) and Richard Meindl (Kent State University) to adapt an existing agent-based simulation model, *Artificial Anasazi*, that is designed to explore possible reasons for the collapse of Anasazi communities in the Long House Valley of Arizona. The model was developed at the household level; adaptations involve extending it to the individual level so that age-related effects of fertility and mortality can be modeled. A poster on this work will be presented in a session to honor George Armelagos at the AAPA meetings next spring. Finally, Lisa continues to work on her data from the Columbia cemeteries and has written a manuscript (with help from Becca Shattuck) that will soon appear in an edited volume. Besides these research activities, in the coming year Lisa will be completing terms on the Executive Board of the National Institute for Mathematical and Biological Synthesis (NIMBioS) and the Editorial Board of the *American Journal of Physical Anthropology*.

Recent publications include:

—**Sattenspiel, L.**, and K. Slonim. 2012. The epidemiology of human disease. In *Human Biology: An Evolutionary and Biocultural Approach*, 2nd edition, S. Stinson, B. Bogin, R. Huss-Ashmore, and D. O'Rourke (eds). New York: Wiley-Liss, pp. 387-457.

—**Sattenspiel, L.** 2012. Epidemiology and epidemiological modeling. In *Sourcebook in Theoretical Ecology*, A. Hastings and L. J. Gross (eds). Berkeley: University of California Press, pp. 263-270.

—Mamelund, S.-E., **L. Sattenspiel**, and J. Dimka. 2012. Influenza associated mortality during the 1918-19 influenza pandemic in Alaska and Labrador: a comparison. *Social Science History*, in press.

—Orbann, C., **L. Sattenspiel**, J. Dimka, and E. Miller. 2013. Agent-based modeling and the second epidemiological transition. In *Moving the Middle to the Foreground: Revisiting the Second Epidemiological Transition*, M.K. Zuckerman (ed). Columbia, SC: University of South Carolina Press. in press.

—**Sattenspiel, L.**, and R. Shattuck. 2013. The timing of the second epidemiological transition in small US towns and cities: evidence from local cemeteries. In *Moving the Middle to the Foreground: Revisiting the Second Epidemiological Transition*, M.K. Zuckerman (ed). Columbia, SC: University of South Carolina Press. in press.



Mary K. Shenk continues to work on her three-year NSF-funded project studying the causes of the demographic transition to low fertility in rural Bangladesh. Fieldwork for this project was conducted in 2010, since which time she and her collaborators have three articles from project research accepted for publication or in review. She also continues to conduct research on marriage in Bangalore, India.

This year Dr. Shenk received an award for an NSF-funded Research Team Short Seminar titled "The Evolutionary Demography of Fertility: the Influence of Social Networks" which was held June 19-20 at the School for Advanced Research in Santa Fe, New Mexico. This ten-person workshop led to plans for a new collaborative project and grant proposal to be submitted in spring 2013.

Dr. Shenk presented papers at the American Anthropological Association meetings in Montreal, Canada, and the Human Behavior and Evolution Society meetings in Albuquerque, New Mexico; she also gave one of the talks for this year's *A Taste of Arts & Science* at the University of Missouri. In spring 2012 Dr. Shenk was elected to a seat on the Executive Board of the Evolutionary Anthropology Society, a section of the American Anthropological Association, for a four-year term.

Two of Dr. Shenk's students graduated this year. Christina N. Pomianek Dames earned her Ph.D. in summer 2012 with a dissertation entitled "Gender, Ethnicity, Infrastructure, and the Use of Financial Institutions in Kalimantan Barat, Indonesia" and Melissa A. Steffan earned her M.A. with a thesis entitled "Father Absence, Paternal Investment, and Alloparental Investment Effects on Children's Educational Attainment in Rural Bangladesh."

Recent publications include:

—**Shenk, M.K.**, K.E. Starkweather, H.C. Kress, and N. Alam. n.d. Does absence matter? A comparison of three types of father absence in rural Bangladesh. *Human Nature*, in press.

—**Shenk, M.K.** and B.A. Scelza. 2012. Paternal Investment and Status-Related Child Outcomes: Timing of Father's Death Affects Offspring Success. *Journal of Biosocial Science* 44(5):549-569.

—**Shenk, M.K.** 2011. Evolutionary Approaches to Parental Decisions: How Much to Invest in Your Offspring. In *Essential Building Blocks of Human Nature*, Ulrich Frey (Editor). Berlin: Springer.

—**Shenk, M.K.** and S.M. Mattison. 2011. The Rebirth of Kinship: Evolutionary and Quantitative Approaches in the Revitalization of a Dying Field. *Human Nature* 22: 1-15.

Todd VanPool and Christine VanPool



have, over the past year, been overseeing the analysis of materials excavated from 76 Draw, an Animas Phase site just south of Deming, New Mexico. Graduate and undergraduate students



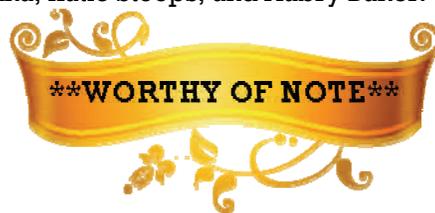
have been aiding with the analysis, which has given MU students an opportunity to conduct novel research and prepare publishable manuscripts. Three student-led papers are currently in press or under review at various venues. Elizabeth McCarthy is analyzing the faunal remains from the site for her MA thesis research. Results of her preliminary analysis are being published as part of the Conference Proceedings for the 17th Biennial Jornada Mogollon conference, which is in press with the El Paso Museum of Archaeology. McCarthy is also helping to edit the proceedings volume. Analysis and sourcing studies of obsidian flake stone artifacts completed by Christopher Oswald (MA student) and Jason Christy (MA student) are being published in the same venue. Timothy Lambert, a recent graduate from the University of Tulsa and a prospective MU graduate student completed a microscopic use-wear analysis of obsidian artifacts that is under review by the journal *Lithic Analysis*. In addition to these projects, Christine had an article published in *American Antiquity* on animistic ontologies and the cosmology of Southwestern Indians. Todd has collaborated with Michael O'Brien on research that is in press with *Evolutionary Anthropology* discussing the impact of the bow and arrow on the development of political complexity in the Southwest.

Rob Walker recently received a National Geographic Society grant to study population dynamics for indigenous societies across Brazil. Recent publications include:

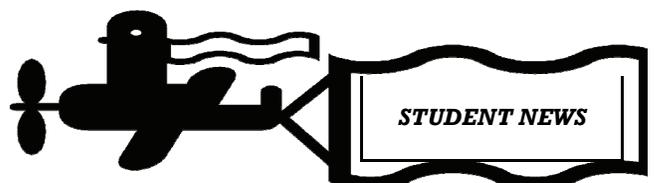
—**Walker, R.S.**, S. Wichmann, T. Mailund, & C.J. Atkinson. 2012. Cultural phylogenetics of the Tupi language family in lowland South America. *PLoS ONE* 7:e35025



The Museum of Anthropology staff would like to thank the students who volunteered during the Art-i-Fact Museum and Gallery Crawl on September 6th. We couldn't have shattered the previous Crawl attendance record without your help! Thank you to: Jon Reddy, Thomas Larsen, Richard Kennedy, John Picray, Lindsey Marschka, Katie Stoops, and Aubry Baker.



Alex W. Barker (Director of the Museum of Art and Archaeology, and whose tenure will reside in Anthropology), was elected Treasurer of the Society for American Archaeology, and continues to serve as President of the



Council for Museum Anthropology.

—**Matthew Boulanger** (Ph.D. student) published articles in *American Antiquity* (on the grip-ability of corrugated ceramics), *Journal of Archaeological Science* (on an obsidian source in Afghanistan), and *Archaeometry* (on drill-bit contamination of pottery samples). Last year Matt received a research grant from *Digital Antiquity* to fund the digitization of the archaeometry archives of the Lawrence Berkeley Laboratory. He continues working as a Senior Research Specialist at the Archaeometry Laboratory at the University of Missouri Research Reactor, and occasionally finds time for his dissertation work on eastern U.S. Paleoindian point morphology.

—**Jayme Cisco** completed her Ph.D. comprehensive exams in August and is now working on her dissertation proposal. Her dissertation research will examine breastfeeding practices among the Mennonites. She is expecting her first child, a boy, to be born this month.



—**Katie Starkweather** (Ph.D. student) spent 2 months last fall in Bangladesh conducting a pilot study for her dissertation work among the nomadic, boat-dwelling Shodagor of rural Bangladesh. In November 2011, she presented her paper "A Preliminary Study of Non-Classical Polyandry" at the AAA Meetings in Montreal, QC, which was awarded the Evolutionary Anthropology Society's Best Student Paper. The same paper was published in the Summer 2012 issue of *Human Nature*. Katie spent 2 months this summer attending language school in Madison, Wisconsin, learning Bengali. She is currently in her last semester of coursework, applying for dissertation funding, and serving as Student Representative for the Evolutionary Anthropology Society.

EMERITUS FACULTY

Peter M. Gardner presented the paper "Understanding Anomalous Distribution of Hunter-gatherers" at the Society for Anthropological Sciences, Charleston, SC, in February 2011. He recently organized a session on "Dravidian Hunter-gatherers" for the Conference on Hunting and Gathering Societies 10, to be held in England, June 2013 (12 session participants from England, Germany, India, Israel, Russia, Sweden, and USA).



Recent publications include:

Gardner, P.M. 2010. *Rethinking Individualism: An Anthropological Perspective*. Seoul: Yonsei Univ., College of Social Sciences Global Learning Project.

—**Gardner, P.M.** 2010. In Pursuit of Perspective. *Before Farming: The Archaeology and Anthropology of Hunter-Gatherers* 9(1):1-8.

—**Gardner, P.M.** 2012. A People who have Eliminated Killing. In N. Radhakrishnan, B. Bhaneja, et al, eds., *Towards a Nonkilling World: Festschrift in Honor of Prof. Glenn D. Paige*, pp. 84–96. Trivandrum: Gandhi Media Center.

—**Gardner, P.M.** 2012. South Indian Foragers' Conflict Management in Comparative Perspective. In D. Fry, ed. *War, Peace and Human Nature*, pp. 297–314. Oxford: Oxford Univ. Press.

—**Gardner, P.M.** Meat Distribution, Game, and Spirits: A Response to Knight. *Current Anthropology*, in press.

Ralph M. Rowlett's trip to Romania for archaeological research on the Iron Age Dako-Thraki in northeast Romania had to be postponed until December 2012 because of political revolution in Romania, which Hillary Clinton tried to suppress, much to the annoyance of most Romanians. In the meantime Dr. Rowlett continues research on the importation of rambunctious vervet monkeys from central Africa to Touie Egypt and the Aegean islands during the Bronze Age. The vervet monkeys influenced the development of the alphabet and lurk behind our letter "M", along with some cats from Egypt. He is also continuing writing and drawing a graphic novel about the disappearance of the "Peking Man" fossils after Dec. 7, 1941.



DEVELOPMENT OPPORTUNITIES:

The Department has adopted the goal of increasing the departmental support of graduate student research. Ever since about 1990, support of Anthropology graduate students has been woefully inadequate. Some seek extramural research grants, and a number of those applications have been funded. But many have not, and sometimes a small amount of money is all that a student requires.



The **Clyde Wilson Fund for Excellence in Cultural Anthropology** is not yet fully funded to the \$25,000 necessary to generate funds we can distribute to deserving students. Please consider making a donation. The value to our students of a small grant to help them with their research far exceeds the dollar amount. We have, for example, been able to fund the research of 12 graduate students over the past five years with awards from the **W. Raymond Wood Fund for Excellence in Archaeology**. All of those awards have been less than \$1000.

The **Dorothy (Dot) Gelvin Fund for Physical and Biological Anthropology** is nearly finalized and formal. Bruce Gelvin, Lee Lyman, and Mike O'Brien signed papers making the fund official early in Fall 2010. Please consider donating to this fund, aimed at supporting the research done by students specializing in physical and biological anthropology.

Contributions can be made to any or all of the funds identified above. Please make checks payable to the University of Missouri, and indicate which fund you would like your contribution to be added to. Mail contributions to: Department of Anthropology, University of Missouri, 107 Swallow Hall, Columbia, Mo., 65211. Your assistance, no matter its magnitude, is greatly appreciated by everyone affiliated with the Anthropology Department.

The **James A. and Margaret S. Gavan Lectures in Anthropology** recognizes outstanding contributions to all four subfields. Every other year or so, the Department invites an internationally known speaker in one of the four subfields to deliver a lecture.

For additional details on development, contact the main office (573-882-4731), or email the Chair: lymanr@missouri.edu.

The University of Missouri, Department of Anthropology, maintains a web site at

(<http://anthropology.missouri.edu>). If you would like to put your information on our site or make suggestions, contact Cynthia Irsik at irsikc@missouri.edu. Please visit our web site, or, better yet, visit the Anthropology Department. The Anthropology Museum is open during most regular business hours. We would love to see you! If you can't make the trip, then email us with news.

We are on the Web:
<http://anthropology.missouri.edu>