

KATHARINE MN LEE, PHD, MS
Curriculum Vitae

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Department of Anthropology
Tulane University
101 Dinwiddie Hall
6823 St. Charles Ave.
New Orleans, LA 70118

Current Institutional Affiliations

Tulane University

Department of Anthropology
Assistant Professor

Harvard University

Studies of Women, Gender, and Sexuality
Associate, member of GenderSci Lab

University of Illinois, Urbana-Champaign

Department of Anthropology
Affiliate Faculty
Center for Social and Behavioral Science
Affiliate

Education and Training

- 2020-2022** **Washington University School of Medicine, St. Louis, MO**
NCI T32 Postdoctoral Research Scholar
Division of Public Health Sciences
Primary mentors: Aimee James, Jean Hunleth
- 2020** **University of Illinois at Urbana-Champaign (UIUC), Urbana, IL**
PhD in Biological Anthropology,
Graduate Minor in Gender & Women's Studies,
Graduate Certificate in Science Communication
Dissertation title: *Estrogen, energy, and bone: a life history approach to understanding skeletal phenotypes*
Dissertation advisor: Kathryn Clancy
- 2007** **Texas A&M – Texarkana, Texarkana, TX**
Master of Science in Business Administration
Army Materiel Command Fellows Program
- 2006** **Tulane University, New Orleans, LA**
Bachelor of Science in Engineering, field of Biomedical Engineering
Thesis title: *3-D Image Reconstruction of Human Brain Geometry from the Visible Human Project*
Thesis advisors: J.K. Francis Suh and Richard Hart

Professional and Research Employment

- 2022-present** **Tulane University**
New Orleans, LA; Jul 2022 – Present
Department of Anthropology
Assistant Professor
- 2020-2022** **Washington University School of Medicine**
St. Louis, Missouri; Aug 2020 – June 2022
Division of Public Health Sciences

- Postdoctoral Scholar: NIH/NCI T32 postdoctoral training program in cancer prevention and control (CA190194, PIs: Graham Colditz, Aimee James)*
- 2013-2020** **University of Illinois Urbana-Champaign,**
Urbana, Illinois; Aug 2013 – Present
- *Fellow - National Science Foundation Graduate Research Fellowship Program*
Jun 2014 – May 2019
 - *Graduate Research Assistant* Jan 2017 – May 2017, Jan 2019 – Jul 2019, Jan 2020 – Aug 2020
 - *Graduate Teaching Assistant* Aug 2013 – May 2014, Aug 2016 – Dec 2016, Aug 2018 – Dec 2018, Aug 2019 – Dec 2019
- 2011-2013** **Dog Genetics, LLC,**
San Antonio, TX; Feb 2011 – Oct 2013
Research Coordinator TSA Canine Breeding & Development Center, Lackland AFB
- 2007-2010** **US Army: Army Materiel Command, Natick Soldier Research, Development, & Engineering Center,**
Natick, MA; Sep 2007 – Jun 2010
- *Fellow/Biomedical Engineer, Biophysics & Biomedical Modeling Division at US Army Research Institute of Environmental Medicine (USARIEM)* Mar 2009 – Jun 2010
 - *Fellow/Biomedical Engineer, Center for Military Biomechanics Research;* Sep 2007 – Feb 2009
- 2006-2007** **US Army: Army Materiel Command,**
ALLC, Red River Army Depot, TX 2006 – 2007
Fellow
- 2005-2006** **Ochsner Clinic Foundation,**
New Orleans, LA 2005 – 2006
Assistant Program Coordinator for Clinical Research, Department of Endocrinology
- 2003-2004** **Vanderbilt University,**
Nashville, TN; 2003 – 2004
Summer Research Assistant/Technical Intern, Energy Balance Laboratory

Publications

trainees or mentored students underlined

- 2022** **Lee, Katharine MN;** Junkins, Eleanor J; Fatima, Urooba A; Cox, Maria L; Clancy, Kathryn BH. “Investigating trends in those who experience menstrual bleeding changes after SARS-CoV-2 vaccination.” *Science Advances*. Vol 8(28). [doi: 10.1126/sciadv.abm7201](https://doi.org/10.1126/sciadv.abm7201).
- 2022** Boulicault, Marion; Gompers, Annika; **Lee, Katharine MN;** Shattuck-Heidorn, Heather. “A Feminist Approach to COVID-19 Data on Sex Disparities.” *IJFAB: International Journal of Feminist Approaches to Bioethics*. Vol 15, no. 1. pp167-174. [doi: 10.3138/ijfab-15.1.29](https://doi.org/10.3138/ijfab-15.1.29)
- 2022** Ban, Hayley E; **Lee, Katharine MN;** Rogers-LaVanne, Mary P; Zabłocka-Słowińska, Katarzyna; Galbarczyk, Andrzej; Jasienska, Grazyna; Clancy, Kathryn BH. “Dietary Protein Source Matters for Changes in Inflammation Measured by Urinary C- Reactive Protein in Rural Polish Women.” *Am J Biol Anthropol*. Vol 178, Issue 1. pp 182-190. [doi: 10.1002/ajpa.24502](https://doi.org/10.1002/ajpa.24502)
- 2022** Danielsen, Ann Caroline; **Lee, Katharine MN;** Boulicault, Marion; Rushovich, Tamara; Gompers, Annika; Tarrant, Amelia; Reiches, Meredith; Shattuck-Heidorn, Heather; Miratrix, Luke Weisman; Richardson, Sarah S. “Sex Disparities in COVID-19 Outcomes

in the United States: Quantifying and Contextualizing Variation.” *Social Science & Medicine*. Vol. 294. [doi: 10.1016/j.socscimed.2022.114716](https://doi.org/10.1016/j.socscimed.2022.114716)

News Coverage: [New York Times](#)

- 2021** **Lee, Katharine MN**; Rogers-LaVanne, Mary P; Galbarczyk, Andrzej; Jasienska, Grazyna; Clancy, Kathryn BH. "Bone density and frame size in adult women: effects of body size, habitual use, and life history." *Am J Hum Biol*. vol 33(2). [doi: 10.1002/ajhb.23502](https://doi.org/10.1002/ajhb.23502)
Invited Submission: Special Issue on Biocultural Approaches to the Plasticity of the Human Skeleton.
- 2020** Rogers, Mary P; **Lee, Katharine MN**; Galbarczyk, Andrzej; Klimek, Magdalena; Klein, Laura; Zabłocka-Słowińska, Katarzyna; Jasienska, Grazyna; Clancy, Kathryn. "Declining ages at menarche in an agrarian rural region of Poland." *Am J Hum Biol*. vol 32(3). [doi:10.1002/ajhb.23362](https://doi.org/10.1002/ajhb.23362)
- 2020** Rodrigues, Michelle A; Sanford, Summer R; Rogers, Mary P; **Lee, Katharine MN**; Wilson, Meredith A; Amos, Jennifer; Hunter, Carla D; Clancy, Kathryn BH. "From maternal tending to adolescent befriending: the adolescent transition of social support." *Am J Primatol*. [doi:10.1002/ajp.23050](https://doi.org/10.1002/ajp.23050)
- 2019** Richey, Christina Rae; **Lee, Katharine MN**; Rodgers, Erica; Clancy, Kathryn BH. "Gender and sexual minorities in astronomy and planetary science face increased risks of harassment and assault." *Bulletin of the AAS*. [doi: 10.3847/25c2cfcb.c985281e](https://doi.org/10.3847/25c2cfcb.c985281e)
- 2019** **Lee, Katharine MN**; Rogers, Mary P; Galbarczyk, Andrzej; Jasienska, Grazyna; Clancy, Kathryn BH. "Physical activity in women of reproductive age in a transitioning rural Polish population." *Am J Hum Biol*. 31(3):e23231.[doi: 10.1002/ajhb.23231](https://doi.org/10.1002/ajhb.23231)
- 2017** Clancy, Kathryn BH; **Lee, Katharine MN**; Rodgers, Erica; Richey, Christina Rae. "Double jeopardy in astronomy and planetary science: women of color face greater risks of gendered and racial harassment." *J. Geophys. Res. Planets*, 122, [doi:10.1002/2017JE005256](https://doi.org/10.1002/2017JE005256).
News coverage (partial list): [Physics Today](#), [American Scientist](#), [Eos Vox](#)
Top downloaded article 2017-2018
- 2009** Routh, R Hank; **Lee, Katharine M**; Burshell, Alan L; and Nauman, Eric A. "The effects of anti-resorptive therapies and estrogen withdrawal in adult scoliosis measured by sub-segmental vertebral BMD analysis." *Bone*. Vol 45, Issue 2. pp 193-199. [doi: 10.1016/j.bone.2009.03.652](https://doi.org/10.1016/j.bone.2009.03.652)

Selected Published Abstracts

- 2022** “Measuring menstruation: methodological difficulties in studying things we don’t talk about.” **Lee, Katharine MN**; Junkins, Eleanor J; Fatima, Urooba A; Clancy, Kathryn BH. *Am J Hum Biol*, Vol 34
- 2021** **Lee, Katharine**; Rogers-LaVanne, Mary P; Galbarczyk, Andrzej; Jasienska, Grazyna; Clancy, Kathryn BH. “Urinary C-peptide is associated with percent body fat in healthy adult premenopausal women.” *Am J Phys Anthropol*. Vol. 174, pp. 61-61..
- 2021** **Lee, Katharine MN**, Rogers, Mary P; Galbarczyk, Andrzej; Jasienska, Grazyna; Clancy, Kathryn BH. “C-peptide varies across the menstrual cycle in a sample of healthy adult women.” *Am J Hum Biol*, Vol. 33.
- 2020** **Lee, Katharine MN**, Rogers, Mary P; Galbarczyk, Andrzej; Jasienska, Grazyna; Clancy, Kathryn BH. “Household food production shows little effect on body size and composition in two samples of young adult women.” Poster presentation, accepted for annual American Association of Physical Anthropologists conference. Canceled due to COVID-19. *Am J Phys Anthropol*. Vol 171, pg 157.

- 2020** Lee, Katharine MN, Rogers, Mary P; Galbarczyk, Andrzej; Jasienska, Grazyna; Clancy, Kathryn BH. “Does relative body size at menarche correspond with adult body size?” Poster presentation, accepted for annual Human Biology Association conference. Canceled due to COVID-19. Abstract publication forthcoming.
- 2020** Lee, Katharine MN, Rogers, Mary P; Galbarczyk, Andrzej; Jasienska, Grazyna; Clancy, Kathryn BH. “Effects of Physical Activity and Sedentary Behavior on Bone Density in Healthy Adult Women.” Poster presentation, accepted for American Association of Anatomists/Evolutionary Biology conference. Canceled due to COVID-19. The FASEB Journal 34(S1). [doi: fasebj.2020.34.s1.06652](https://doi.org/10.1096/fasebj.2020.34.s1.06652)
- 2019** Lee, Katharine MN; Rogers, Mary; Galbarczyk, Andrzej; Jasienska, Grazyna; Polk, John; Clancy, Kathryn. “Estrogen, energy, and skeletal biology: life history approaches to understanding skeletal phenotype in living women of reproductive age.” Am J Phys Anthropol. Vol 168. No S68, pg 140.
- 2018** Lee, Katharine; Rogers, Mary; Galbarczyk, Andrzej; Jasienska, Grazyna; Polk, John; Clancy, Kathryn. “Lifestyle factors influencing frame size, grip strength, and bone density in two related populations.” Am J Phys Anthropol, vol 165, no S66, p 155.
- 2018** Rodgers, Erica; Clancy, Kathryn BH; Richey, Christina; Lee, Katharine MN “An inclusive workplace for all scientists.” AGU Fall Meeting Abstracts. [URL](#)
- 2017** Lee, Katharine; Rogers, Mary; Galbarczyk, Andrzej; Jasienska, Grazyna; Polk, John; Clancy, Kathryn. “Bone maintenance in young healthy women: Relationships between markers of bone turnover, reproductive status, and energetics.” Am J Hum Biol, 29 (2).
- 2016** Lee, Katharine; Rogers, Mary; Galbarczyk, Andrzej; Jasienska, Grazyna; Polk, John; Clancy, Kathryn. “Physical activity and anthropometry effects on bone turnover biomarkers in rural Polish women.” Am J Phys Anthropol, vol 159, no. S62, p 205.
- 2016** Clancy, Kathryn; Rogers, Mary; Lee, Katharine; Galbarczyk, Andrzej; Jasienska, Grazyna. “Environmental factors associated with luteal phase endometrial thickness in a sample of rural Polish women.” Am J Phys Anthropol 159, p 117.
- 2015** Lee, Katharine M; Rogers, Mary P; Galbarczyk, Andrzej; Jasienska, Grazyna; Clancy, Kathryn B; Polk, John D. 2015. “Physical activity levels in women of reproductive age in rural Poland,” Am J Phys Anthropol, vol. 156, no. S60.

Technical Reports and White Papers

- 2014** Sinn, David L; Fratkin, Jamie L; Bensky, Miles; McGarrity, Monica E; Lee, Katharine M; and Gosling, Samuel D. Tasks 1.5, 1.6, and 1.7 Combined Report – Task analyses to define characteristics of successfully deployed detector dogs. US Department of Homeland Security, Contract HSHQDC-10-C-00085: “Improving the Effectiveness of Detector-Dog Selection and Training through Measurement of Behavior and Temperament.”
- 2013** Sinn, David L; McGarrity, Monica E; Lee, Katharine M; DeBono, Stephen, Fratkin, Jamie L; Bensky, Miles, Banks, Sean; and Gosling, Samuel D. Task 4.6 Report – REDCap database development and handbook. US Department of Homeland Security, Contract HSHQDC-10-C-00085: “Improving the Effectiveness of Detector-Dog Selection and Training through Measurement of Behavior and Temperament.”
- 2012** Hare, Elizabeth and Lee, Katharine. “Genetic Linkage Analysis (Task 3) of Detector Canines in the TSA Canine Breeding and Development Center Population.” Produced under DHS Contract HSHQDC-10-C-00185.
- 2010** Lee, Katharine. “Effects of increased helmet weight on the ground soldier.” Internal white paper prepared for helmet and helmet-borne equipment development team.

Invited Panels and Presentations

- 2022 “Experience using a public survey to explore menstrual disruption after COVID-19 vaccination.” **Lee, Katharine**. Invited presentation for The International Society of Pharmacovigilance and The Drug Safety Research Unit (ISoP-DSRU) mid-year symposium 2022. Part of session titled *Beyond spontaneous reporting: integrating data from multiple sources to ensure medicines safety: Real-world data to inform on the safety of the COVID-19 vaccines*. Presented May 11, 2022.
- 2022 “Effects of physical activity patterns on cortical bone density in a rural sample of healthy adult women.” **Lee, Katharine**; Rogers-LaVanne, Mary P; Galbarczyk, Andrzej; Jasienska, Grazyna; Clancy, Kathryn BH. Invited poster session for 2022 American Association of Biological Anthropology annual conference.
- 2021 “Menstrual experiences after COVID-19 vaccination.” Sep 28, 2021. Invited presentation at the International Network of Special Immunization Services working group of the Brighton Collaboration program of the Task Force for Global Health.
- 2021 “COVID-19 vaccination and menstrual health.” Sep 9, 2021. Invited presentation at the American College of Epidemiology for session titled *COVID and Reproductive Health*, organized by Dr. Leslie Farland.
- 2021 “Life history, context, and health.” Mar 24, 2021. Presentation for Bioanth Journal Club at Washington University in St. Louis Department of Anthropology.
- 2020 “Estrogen, energy, and bone: life history approaches to understanding skeletal phenotypes.” Feb 28, 2020. Seminar at A.T. Still University of Health Sciences, invited by Dr. Caroline VanSickle.
- 2019 “Participating in an inclusive, productive lab.” Sep 13, 2019. Panel at 21st Century Scientists Inclusive Lab Leader – Grad workshop, invited by Dr. Kathryn Clancy.
- 2018 “Hesitant Data Science Session II: Data/Programming.” Sep 27, 2018, organized by Illinois Data Science Initiative at the University of Illinois at Urbana-Champaign and hosted by the National Center for Supercomputing Applications for 2nd annual Data Science Day at UIUC.
- 2018 “Life history tradeoffs affecting bone maintenance and development in premenopausal Polish and Polish-American women.” Apr 26, 2018, Department of Anthropology Colloquium talk, hosted by the Department of Anthropology, University of Illinois at Urbana-Champaign.
- 2018 “Beyond #MeToo in Tech and Academic Workplaces.” Apr 4, 2018, organized by Women@NCSA and hosted by the National Center for Supercomputing Applications.

Other Posters, Panels, and Presentations

- 2021 Stephens-Chu, Maura; Lifshitz, Lisel; **Lee, Katharine**; Thompson, Katrina; Chair/moderator: Gottlieb, Alma. “Challenging the Typical Menstrual Experience: Inter-subdisciplinary Approaches to the Anthropology of Menstruation” (Virtual Roundtable). American Anthropological Association Annual Meeting. November 17, 2021.
- 2021 **Lee, Katharine MN**. “What is biological anthropology and how does it relate to public health?” Presentation for weekly Lunch Talk series at the Division of Public Health Sciences, Washington University School of Medicine. June 11, 2021.
- 2019 Panelist in Department of Gender and Women’s Studies Symposium, titled “Solidarities of Difference.” Sept 20, 2019.
- 2018 **Lee, Katharine MN**. “Crippling Menstruation: Reframing Menstrual Research using Critical Disability Studies and Crip Theory.” 46th annual meeting of The Canadian Association for Physical Anthropology-L’Association Canadienne D’Anthropologie Physique. Oct/Nov 2018.
- 2018 **Lee, Katharine MN**, Rogers, Mary P; Galbarczyk, Andrzej; Jasienska, Grazyna; Polk, John D; Clancy, Kathryn BH. “Physical activity in women of reproductive age in a transitioning

rural Polish population.” Poster presented at Wisconsin Symposium on Feminist Biology. October 5, 2018.

- 2017** Lee, Katharine MN; Rogers, Mary P; Galbarczyk, Andrzej; Jasienska, Grazyna; Polk, John D; Clancy, Kathryn BH. “Bone maintenance as a result of reproductive and energetic status: a life history perspective.” 4th Conference of the Polish Society for Human and Evolution Studies (Polskie Towarzystwo Nauk o Człowieku i Ewolucji). Krakow, Poland. September 2017.
- 2016** Lee, Katharine; Rogers, Mary; Galbarczyk, Andrzej; Jasienska, Grazyna; Polk, John; Clancy, Kathryn.”Habitual physical activity: considering health behavior from a broader perspective (poster presentation)” Annual meeting of International Society for Evolution, Medicine, and Public Health. Durham, North Carolina. June 2016.
- 2016** Lee, Katharine MN. “Bone health: Reproduction and physical activity.” UIUC Department of Anthropology annual research symposium. March 5, 2016.
- 2013** Lee, Katharine M; Thomas, Scott; and Hare, Elizabeth. “Evaluation of developmental weight gain and factors in early rearing on hip health as evaluated by PennHIP.” Poster presentation at the 2013 International Working Dogs Conference.
- 2010** Lee, Katharine M; Buller, Mark J; Tharion, William J; Pisani, Justin; Gordon, S Robert; and Beidleman, Beth A. “Utility of simple algorithms in heart rate signal quality assessments.” Poster Presentation at the 2010 Annual Fall Meeting of the Biomedical Engineering Society.
- 2009** Coyne, Megan E; Hasselquist, Leif; Schiffman, Jeffrey M; Gregorczyk, Karen N; Nobes, Katharine M; Adams, Albert; Bensel, Carolyn K. "Oxygen consumption output increases during steady-state submaximal prolonged heavy load carriage." *Medicine & Science in Sports & Exercise*. Vol 42, Issue 5. P 102. May 2009. Poster presented by M. Coyne at the American College of Sports Medicine annual conference.
- 2007** Gordon, Theresa; Nobes, Katharine; Nauman, Eric A; and Burshell, Alan L. "Biomechanics of Scoliosis and Its Effects on Postmenopausal Women." Platform presentation, presented by T. Gordon at the 2007 Annual Fall Meeting of the Biomedical Engineering Society.

Published and Archived Software

- 2018** Lee, Katharine MN. R Code in support of publication (Version 1.0). Zenodo. <https://doi.org/10.5281/zenodo.1308115>
- 2021** Lee, Katharine MN and Rushovich, Tamara. GSL_COVID_tracker_paper: Code for initial manuscript submission (Version v1). Zenodo. <https://doi.org/10.5281/zenodo.4897891>

Grants and Fellowships

External Grants and Fellowships

- 2017** **Wenner-Gren Foundation for Anthropological Research** \$20,000
Dissertation Fieldwork Grant (**Project Lead: Lee, PI: Clancy**)
Life history tradeoffs affecting bone maintenance and development in premenopausal Polish and Polish-American women. This grant funded a portion of my multiplex ELISA laboratory analyses for inflammatory biomarkers and reproductive hormones in urine collected as part of my dissertation fieldwork in rural Poland.
- 2017** **National Science Foundation** \$31,720
Doctoral Dissertation Improvement Grant (**Project Lead: Lee, PI: Clancy**)
Life history tradeoffs affecting bone maintenance and development in premenopausal Polish and Polish-American women. This grant funded my ELISA laboratory analyses of urine and blood samples for bone turnover biomarkers (deoxyypyridinoline and bone alkaline phosphatase) as well as participant

	remuneration, compensation for fieldwork personnel, assorted supply costs, and shipment of research samples.	
2015	American Philosophical Society The Lewis and Clark Fund for Exploration and Field Research <i>Physical activity levels in rural Polish women of reproductive age.</i> This grant funded travel to rural Poland for pilot dissertation research focusing on collection of physical activity data using commercially available physical activity monitors.	\$4,500
2014	National Science Foundation Graduate Research Fellowship Program (NSF GRFP) <i>Activity patterns and estrogen effects on bone health in young women</i>	

Internal Grants and Fellowships

2018	UIUC Social and Behavioral Sciences Research Initiative Small Grants Program. <i>Life history & hormones: mechanisms linking childhood experiences to women's health.</i> Role: Co-investigator. Awarded to Dr. Kathryn BH Clancy as PI.	\$10,000
2017	UIUC Graduate College Dissertation Travel Grant	\$4,996
2015	Beckman Institute at UIUC Cognitive Science/Artificial Intelligence Award	\$2,000
2015	UIUC Graduate College Dissertation Travel Grant (declined)	\$4,807
2014,	UIUC Department of Anthropology Graduate Student Summer Research	\$2,760
2015,	Assistance Award	\$2,300
2018		\$2,000

Active Collaborations (incomplete list)

“Menstrual experiences with COVID-19 vaccines.” Online survey research project initially started as a small collaboration with Kathryn Clancy, but the collaboration is expanding due to immense public, clinical, and academic interest. We are currently leveraging our extensive (over 160,000 participants) preliminary data to apply for funding (NIH R03 submitted in Oct 2021 with Lee and Clancy as Co-PIs, NIH R21 with Clancy as PI) to collect and analyze follow-up survey data and biological samples to study several potential mechanisms. Current research team: **Katharine Lee (WUSTL)**, Kathryn Clancy (UIUC), Zachary DuBois (U. Oregon), Amanda Patterson (U. Missouri), Romana Nowak (UIUC).

News Coverage (partial list): [The Verge](#), [The Lily](#), [Medium: elemental](#), [New York Times](#), [Salon](#), [NPR/St Louis on the Air](#), [Chicago Tribune](#)

“Photographing health by rural adolescents in the Midwest” (P50CA244431) and “Picturing Support” (R01CA233848-S1). Two projects with Jean Hunleth (WUSTL) and her team using photo elicitation methods to collect qualitative data about health, caregiving, and support in rural U.S. communities.

“Differential effects of past and current physical activity on bone health are modulated by psychometric and environmental factors and the complexity of lived experience.” Collaborative interdisciplinary research project at Beckman Institute for Advanced Science and Technology at UIUC with a funded postdoctoral scholar. Research team: Elahe Ganji (UIUC), Mariana Kersh (UIUC), Kathryn Clancy (UIUC), Katharine Lee (WUSTL).

Awards and Honors

2022	Early Career Fellowship to attend Energetics in Anthropology workshop at Duke University
2022	Postdoc Poster Award Finalist American Association for Anatomy Annual Meeting at Experimental Biology 2022
2019	Special Recognition in Graduate Student Leadership Graduate College at the University of Illinois at Urbana-Champaign

- 2017 American Association of Physical Anthropologists** First runner-up as Graduate Student Liaison to AAPA Executive Committee

Teaching Experience

Certified Carpentries Instructor

2019-current Teaching foundational programming, data science, and data management techniques using curriculum designed for scientists and researchers

Workshops

- 2021** "Data skills & data management! Why it matters!" Feb 24, 2021. Workshop for GenderSci Lab on introductory data management skills for collaborative research

Guest Lectures (given at the request of course instructors)

- 2021** "Menstruation and the Body" and "Data Feminism." February 18, 2021 and April 8, 2021. Guest lectures for Anth 374 *Anthropology of Science and Technology*, invited by Emma Verstraete.
- 2020** "Menstruation, models, metaphors, and apps" and "Food allergies and the Hygienic Sublime." March 4, 2020 and March 9, 2020. Guest lectures for Anth 374 *Anthropology of Science and Technology*, invited by Dr. Jenny Davis.
- 2019** "Menstruation, models, and metaphors." Apr 11, 2019. Guest lecture for Anth 379 *Medical Anthropology*, invited by Emma Verstraete.
- 2019** "Menstruation: evolutionary and medical perspectives." Feb 20, 2019. Guest lecture for Anth 249 *Evolution and Human Disease*, invited by Dr. Mary Rogers.
- 2018** "Life history tradeoffs affecting bone maintenance and development in premenopausal Polish and Polish-American women." May 2, 2018, Guest lecture for Anth 102 *Human Origins and Culture*, invited by Alexandra Zachwieja.
- 2016** "Gender and Health." Oct 5, 2016. Guest lecture for Anth 103 *Anthropology in a Changing World*, invited by Dr. Krystal Smalls.

Teaching Assistant (duties vary by appointment)

- 2021** Fall WUSTL M19-532 - Applied Qualitative Methods for Health Research
- 2019** Fall UIUC ANTH 246 - Forensic Science (online)
- 2018** Fall UIUC ANTH 246 - Forensic Science (online)
- 2016** Fall UIUC ANTH 103 - Anthropology in a Changing World
- 2014** Spring UIUC ANTH 101 - Introduction to Anthropology
- 2013** Fall UIUC ANTH 143 - Biology of Human Behavior

Undergraduate Projects Supervised

- 2019-2020** H. Ban. Undergraduate Honors Thesis: "Dietary Protein Intake and Urinary C-peptide Concentration in Regularly Menstruating Rural Polish Women"
- 2018-2019** K. Allen. Undergraduate Honors Thesis: "A Comparison of Methods for Determining Time of Ovulation"
- 2019** S. Agrawal, University of Illinois Undergraduate Researchers Initiative. Researcher Initiative Symposium poster: "Correlation of Identity Scales in Polish-American Women"
- R. Durham, University of Illinois Undergraduate Researchers Initiative. Researcher Initiative Symposium poster: "Effects of Smoking on Cortisol Levels"
- 2018** J. Kanthak, University of Illinois Undergraduate Researchers Initiative. Researcher Initiative Symposium poster: "Female Reproductive Hormonal Variation"

2017 O. Shukla, University of Illinois Undergraduate Researchers Initiative. Researcher Initiative Symposium poster titled: "Inflammation and Bone Modeling in Healthy Adults"

Language Competence

- Beginning/Intermediate German
- Beginning/Intermediate Polish

Technical and Research Skills

- Computing: R, MATLAB, LaTeX, Markdown, Git, Jekyll, Hugo
- Data planning and data management
- Anthropometry (height, weight, circumferences, body segment measures)
- ELISA hormone analysis methods
- Design, implementation, and promotion of academic and research-related organizational strategies
- Experience with clinical and university IRB processes for human subjects research
- Experience with IACUC process for canine research

Service

Manuscript review: American Journal of Human Biology, PeerJ, PNAS

American Association of Biological Anthropology (formerly Physical Anthropology) Undergraduate Research Symposium

- 2021: Named Mentor for the American Association of Physical Anthropologists annual conference Undergraduate Poster Session (research pod titled "Paradigm Probers")
- 2019: Mentor for Undergraduate Research Symposium

The Carpentries

2019-current

Certified Software & Data Carpentry Instructor, The Carpentries teach foundational coding and data science skills to researchers worldwide.

21st Century Scientist Working Group

UIUC; 2014-current

Founding Member Group of faculty, staff, and students at the University of Illinois interested in public engagement in science and making science more inclusive. I organize workshops, panels, and events, and assist with reviewing applications for the graduate certificate in Science Communication.

Graduate representative to Department of Anthropology Faculty Meetings

UIUC; 2016-2018

Association of Biological Anthropologists at UIUC

UIUC; 2013-2020

Treasurer 2013-2016, President 2017-2018

Field work, Science, and Sexual Assault: Academic field site safety should not be an afterthought

UIUC; Oct 30, 2014 – *Organized panel* to discuss field site safety and university policies. Panel included Kathryn Clancy and representatives from UIUC Women's Resource Center and the UIUC Office of Diversity, Equity, and Access.

Anthropology Undergraduate Research Capstone Conference

UIUC *Invited Judge, Spring 2014*

Community Outreach Talks, Interviews, and Presentations

Science Café: Sponsored by the UIUC Institute of Genomic Biology and Beckman Institute
December 5, 2018. Title: "Peak Bone Mass: What does it mean? Why do we care?"

Interviews as subject matter expert (partial list):

Salon.com

Professional Society Memberships

- American Anthropological Association (2016-current)
- American Association of Physical Anthropologists (2014-current)
- American Association for Anatomy (2019-current)
- American Society for Bone and Mineral Research (2014-current)
- Human Biology Association (2014-current)
- IEEE Engineering in Medicine and Biology Society (2006-current)
- IEEE Women in Engineering (2008-current)
- Biomedical Engineering Society (2004-2010)

References

References available upon request