

**KATHARINE MN LEE, PHD, MS**  
**Curriculum Vitae**

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

Email: [kLee32@tulane.edu](mailto:kLee32@tulane.edu)

**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

- In press* Rushovich, Tamara; Gompers, Annika; Lockhart, Jeffrey W; Richardson, Sarah S; Worthington Steve; Omidiran, Ife; **Lee, Katharine MN**. “Rate of adverse drug events by sex in the FDA Adverse Event Reporting System after adjusting for baseline rates of drug use, US, 2014-2019.” *JAMA Network Open*
- 2023** Wiedenman, Eric; **Lee, Katharine MN**; Hunleth, Jean. “The adult in the room: The push and pull of parental involvement in research with children.” *Childhood*.  
<https://doi.org/10.1177/09075682231176899>
- 2023** **Lee, Katharine MN**; Hunleth, Jean; Rolf, Liz; Maki, Julia; Lewis-Thames, Marquita; Oestmann, Kevin; James, Aimee. “Distance and Transportation Barriers to Colorectal Cancer Screening in a Rural Community.” *Journal of Primary Care & Community Health* 14 (January 2023): 215013192211471. <https://doi.org/10.1177/21501319221147126> .
- 2022** Danielsen, Anne Caroline; Boulicault, Marion; Gompers, Annika; Rushovich, Tamara; **Lee, Katharine MN**; Richardson, Sarah S. “How cumulative statistics can mislead: The

- temporal dynamism of sex disparities in COVID-19 mortality in New York State." *Int J Environ Res Public Health*, no. 21: 14066. doi: [10.3390/ijerph192114066](https://doi.org/10.3390/ijerph192114066)
- 2022 Eyre, Alexander W; Zapata, Isain; Hare, Elizabeth; **Lee, Katharine MN**; Essler, Jennifer L; Otto, Cynthia; Serpell, James A; Alvarez, Carlos E. "Genome scanning of negative selection in a canine model of complex learning." *Sci Rep* 12, 14984. doi: [10.1038/s41598-022-18698-4](https://doi.org/10.1038/s41598-022-18698-4)
- 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).  
**News Coverage (partial list):** [New York Times](#), [Science News](#), [Popular Science](#), [Marie Claire \(Brazil\)](#), [BBC's "The Naked Scientists" podcast](#), [NBC News](#), [Today.com](#), [Medical News Today](#)
- 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: [10.3847/25c2cfef.c985281e](https://doi.org/10.3847/25c2cfef.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 "Menstrual experiences after COVID-19 vaccination in a non-menstruating gender diverse sample." Lee, Katharine MN; Junkins, Eleanor J.; Clancy, Kathryn BH. *The FASEB Journal* 36. doi: [10.1096/fasebj.2022.36.S1.R5912](https://doi.org/10.1096/fasebj.2022.36.S1.R5912)
- 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. *Am J Hum Biol*, Vol 32.
- 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/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 "It's not about fertility: researching menstrual experiences after COVID vaccination." **Lee, Katharine**. Academic Health Sciences Duluth Seminar Series. University of Minnesota (Duluth Campus) School of Medicine. Presented Sept 28, 2022.
- 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 21<sup>st</sup> 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 2<sup>nd</sup> 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.” 46<sup>th</sup> 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.” 4<sup>th</sup> 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**

- 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>
- 2018 **Lee, Katharine MN**. R Code in support of publication (Version 1.0). Zenodo. <https://doi.org/10.5281/zenodo.1308115>

### **Grants and Fellowships**

#### ***External Grants and Fellowships***

- |      |   |          |
|------|---|----------|
| 2017 | <b>Wenner-Gren Foundation for Anthropological Research</b><br>Dissertation Fieldwork Grant ( <b>Project Lead: Lee, PI: Clancy</b> )<br><i>Life history tradeoffs affecting bone maintenance and development in premenopausal Polish and Polish-American women</i> . 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.  | \$20,000 |
| 2017 | <b>National Science Foundation</b><br>Doctoral Dissertation Improvement Grant ( <b>Project Lead: Lee, PI: Clancy</b> )<br><i>Life history tradeoffs affecting bone maintenance and development in premenopausal Polish and Polish-American women</i> . This grant funded my ELISA laboratory analyses of urine and blood samples for bone turnover biomarkers (deoxypyridinoline and bone alkaline phosphatase) as well as participant remuneration, compensation for fieldwork personnel, assorted supply costs, and shipment of research samples. | \$31,720 |
| 2015 | <b>American Philosophical Society</b><br>The Lewis and Clark Fund for Exploration and Field Research<br><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 | <b>National Science Foundation</b><br>Graduate Research Fellowship Program (NSF GRFP)<br><i>Activity patterns and estrogen effects on bone health in young women</i>  |          |

#### ***Internal Grants and Fellowships***

- |      |   |         |
|------|---|---------|
| 2023 | <b>Tulane University</b> funding from Provost office for the National Center for Faculty Development & Diversity's Faculty Success Program in fall 2023 | \$4,750 |
| 2023 | <b>Tulane University School of Liberal Arts</b> funding and support for a week in residence at Studio in the Woods during 2023-2024 academic year       | \$500   |
| 2023 | <b>Tulane University Newcomb Institute Grants for Faculty</b>   | \$5,000 |
| 2023 | <b>Tulane University Committee on Researcher (COR) Research Fellowship</b>  | \$6,500 |

2022	<b>Tulane University Center for Engaged Learning &amp; Teaching (CELT)</b> Classroom enhancement grant for <i>Menstruation: Biology &amp; Culture</i>	\$400
2018	<b>UIUC Social and Behavioral Sciences Research Initiative</b> Small Grants Program. <i>Life history &amp; hormones: mechanisms linking childhood experiences to women's health</i> . Role: Co-investigator. Awarded to Dr. Kathryn BH Clancy as PI.	\$10,000
2017	<b>UIUC Graduate College</b> Dissertation Travel Grant	\$4,996
2015	<b>Beckman Institute at UIUC</b> Cognitive Science/Artificial Intelligence Award \$2000	\$2,000
2015	<b>UIUC Graduate College</b> Dissertation Travel Grant (declined)	\$4,807
2014, 2015, 2018	<b>UIUC Department of Anthropology</b> Graduate Student Summer Research Assistance Award	\$2,760 \$2,300 \$2,000

### **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**

#### ***Courses taught as Instructor***

##### **Tulane University**

- 2023 Spring ANTH 3091/6091 – Human Energetics
- 2023 Spring ANTH 1010 – Introduction to Biological Anthropology
- 2022 Fall ANTH 3097/6097 – Menstruation: Biology & Culture
- 2022 Fall ANTH 3720/6093 – Adaptation and Human Variability/Bioanthropology of Modern Humans

#### ***Courses Serving as 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

#### **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.

**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, International Journal of Women's Health, Journal of Psychosomatic Obstetrics & Gynecology

### **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; 2014-2020

*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**

**Poetry & Pie:** Moderator for discussion about endometriosis at book event and poetry reading featuring Tracey Lindeman (author of *Bleed: Destroying myths and misogyny in endometriosis care*) and Nikki Ummel (author of book-length poem "good body"). At Windowsill Pies, New Orleans, LA. April 6, 2023.

**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](https://www.salon.com)

## **Professional Society Memberships**

- American Anthropological Association (2016-current)
- American Association of Biological Anthropologists (2014-current)
- American Association for Anatomy (2019-current)
- Human Biology Association (2014-current)

**References:** References available upon request