

LAUREN MAE HENNELLY

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EDUCATION

- 2022 **Ph.D, Ecology**
University of California, Davis. Davis, CA
Advisor: Dr. Benjamin N. Sacks
- 2013 **B.S. Biology, Honors in Research**
University of Wisconsin-Madison, Madison WI

PROFESSIONAL APPOINTMENTS

- 2022-2025 NSF Postdoctoral Research Fellow in Biology, University of Copenhagen
- 2016-2022 Graduate Student, University of California, Davis
- 2016 Project Biologist, Wood River Wolf Project. Hailey, Idaho
- 2015-2016 Research Technician. University of Wyoming
- 2014-2015 Fulbright Research Fellow, Wildlife Institute of India, India

PEER-REVIEWED PUBLICATIONS

- 11.) Plassais J, BM vonHoldt, HG Parker, A Carmagnini, N Dubos, I Papa, K Bevant, T Derrien, **LM Hennelly**, DT Whitaker, AC Harris, AN Hogan, HJ Huson, VF Zaibert, A Linderholm, J Haile, T Fest, B Habib, BN Sacks, N Benecke, AK Outram, MV Sablin, M Germonpre, G Larson, L Frantz, EA Ostrander. 2022. Natural and human-driven selection of a single non-coding body size variant in ancient and modern canids. *Current Biology* 32(4): 889-897
- 10.) **LM Hennelly**, B Habib, S Modi, EK Rueness, P Gaubert, BN Sacks. 2021. Ancient divergence of Indian and Tibetan wolves revealed by recombination-aware phylogenomics. *Molecular Ecology* <https://doi.org/10.1111/mec.16127>
- 9.) Razaqat I, T Mahmood, **LM Hennelly**, F Akrim, IU Zaman, H Fatima, S Andleeb, G Muhammad, Y Abbas, M Farooq, N Munawar, MR Khan, A Hamid, MA Orakzai. 2021. Phylogenetic status and diet of red fox (*Vulpes vulpes griffithii*) inhabiting Ayubia National Park, Pakistan. *Brazilian Journal of Biology* 84:e252991.

- 8.) Sarwar G, AM Khan, F Abbas, MT Wasim, **LM Hennelly**. 2021. First record on body morphometrics and chemical immobilization of wolves from Pakistan. *Pakistan Veterinary Journal* <http://dx.doi.org/10.29261/pakvetj/2021.054>
- 7.) Sacks BN, KJ Mitchell, CB Quinn, **LM Hennelly**, MHS Sinding, MJ Statham, S Preckler-Quisquater, SR Fain, L Kistler, SL Vanderzwan, JA Meachen, EA Ostrander, LAF Frantz. 2021. Pleistocene origins, western ghost lineages, and the emerging phylogeographic history of the red wolf and coyote. *Molecular Ecology* <https://doi.org/10.1111/mec.16048>
- 6.) Fatima H, T Mahmood, **LM Hennelly**, M Farooq, F Akrim, MS Nadeem. 2021. Spatial distribution and dietary niche breadth of leopard cat (*Prionailurus bengalensis*) inhabiting Margalla Hills National Park, Pakistan. *Zoological Studies* 60:34
- 5.) Weyna A, RR Dubielzig, **LM Hennelly**. 2020. The relative importance of phylogeny and habitat in determining the presence and prominence of a granula iridica in hooved mammals. *Veterinary Ophthalmology* 1-8.
- 4.) Sadhukhan S, **LM Hennelly**, B Habib. 2019. Characterising the vocal repertoire of the Indian wolf (*Canis lupus pallipes*). *PloS ONE* 14(10): e021618
- 3.) Hamid A, T Mahmood, H Fatima, **LM Hennelly**, R Akrim, A Hussain, M Waseem. 2019. Origin, ecology, and human conflict of grey wolf (*Canis lupus*) in Suleiman Range, South Waziristan, Pakistan. *Mammalia* 83(6): 539-551.
- 2.) **Hennelly LM**, B Habib, H Root-Gutteridge, V Palacios, D Passilongo. 2017. Howl variation across Himalayan, North African, Indian and Holarctic wolf clades: tracing divergence in the world's oldest wolf lineages using acoustics. *Current Zoology* 63(3): 341-348.
- 1.) **Hennelly LM**, B Habib, and S Lyngdoh. 2015. Himalayan wolf and feral dog displaying mating behavior from Spiti Valley, India and potential conservation threats from sympatric feral dogs. *Canid Biology & Conservation* 18(9): 33-36.

FELLOWSHIPS (\$429,000)

2022-2025	NSF Postdoctoral Research Fellowship in Biology (Rules of Life; \$207,000)
2016	NSF Graduate Research Fellowship (\$132,000)
2016	UC Davis Graduate Group in Ecology Fellowship (\$62,000)
2014	U.S. Fulbright Research Fellowship to India (\$24,000)
2012	Hilldale Undergraduate/Faculty Research Fellowship (\$4,000)

GRANTS AND SCHOLARSHIPS (>\$13,000)

2018	The Alongside Wildlife Foundation (\$380)
2017	UK Wolf Conservation Trust Research Grant (\$4,200)

- 2017 Explorer's Club Exploration Fund Grant (\$1,000)
- 2016 NSF Graduate Research Fellowship - Honorable Mention
- 2016 UK Wolf Conservation Trust Research Grant (\$5,000)
- 2013 Irving W. Gerhardt Conservation Biology Scholarship (\$1,000)
- 2012 Center for Limnology Chase Noland Award (\$2,000)

TEACHING

INSTRUCTOR

- 2020 Writing Seminar for the NSF Graduate Research Fellowship (6 students)

TEACHING ASSISTANT

- 2022 Introduction to Ecology (EVE101), UC Davis
- 2021,2022 Introduction to Biology - Ecology and Evolution (BIS2B), UC Davis
- 2017 Introduction to Biology - Biodiversity and the Tree of Life, UC Davis

GUEST LECTURES

- 2021 Molecular Ecology, UC Davis
- 2020 Environmental Sciences (B.S. course), Bahria University, Islamabad, Pakistan.
- 2020 Environmental Management (M.S. course), University of San Francisco

PROFESSIONAL DEVELOPMENT

- 2019 Software Carpentry Instructor Training

INVITED PRESENTATIONS

- 2022 **Hennelly, LM.** Genomic insights into gray wolf evolution through South and Central Asian wolf genomes. Center for Genetic Analysis of Biodiversity, Yale University
- 2022 **Hennelly, LM.** Unraveling the evolutionary history of gray wolves in South Asia to inform conservation. University of Okara, Punjab, Pakistan.
- 2021 **Hennelly LM.** Unraveling the evolutionary history of gray wolves in South and Central Asia. Wolf Conservation Center Scientific Webinar Series.
- 2019 **Hennelly LM.** Collaboration across borders: Evolution, ecology, and conservation of wolves in Asia. Discover your Niche: Wildlife Professional Development Conference, University of California, Davis.

PROFESSIONAL PRESENTATIONS

- 2020 **Hennelly LM.** Genomic insights into the distinctiveness and distribution of Southern Asian wolves. Graduate Group in Ecology Symposium, UC Davis
- 2020 **Hennelly LM, S. Modi, B. Habib, BN Sacks.** Whole genome resequencing of wolves at a contact zone in South Asia to explore distinctiveness, local

adaptation, and barrier genes. Plant and Animal Genome Conference XXVIII.
Poster presentation

- 2019 **Hennelly LM.** Evolution, ecology, and conservation of wolves in Asia. Wildlife Fish and Conservation Department Seminar. UC Davis
- 2017 Shrotriya S, Habib B, Jhala YV, Lyngdoh S, Reshamwala H, Sadhukhan S, **Hennelly LM.** September 2017. Mountains to grasslands: insights into wolf ecology and conservation in India. 31st Annual Research Seminar. Wildlife Institute of India. Dehradun, India
- 2015 **Hennelly LM.** Howls of India: Assessing endangered wolf population through howl surveys. Fulbright South and Central Asia Conference. Hyderabad, India
- 2013 **Hennelly LM.** What Eye Learned: phylogenetic and ecological influences on vertebrate eye morphology. Undergraduate Symposium, University of Wisconsin-Madison
- 2013 **Hennelly LM.** Phylogenetic and ecological influences on vertebrate eye morphology. Department of Pathobiological Sciences Seminar, University of Wisconsin-Madison
- 2011 **Hennelly LM.** Ecology and evolution of neotropical bats and rodents. Undergraduate Research Seminar, Field Museum of Natural History, Chicago IL.
- 2010 **Hennelly LM.** Evaluating variations in morphological evolutionary rates between island and mainland species. Undergraduate Research Symposium. University of Wisconsin-Madison. *Poster Presentation*

SERVICE AND OUTREACH

- 2022-2025 **Member.** IUCN SSC Canid Specialist Group
- 2022 **Presenter.** Instagram live session with The Grasslands Trust, an NGO in India focused on conservation of Indian grasslands and species
- 2019-2022 **Secretary.** Society of Conservation Biology - Davis Chapter
- 2018-2020 **Committee Member.** UC Davis Graduate Group in Ecology Admissions
- 2020 **Reviewer.** European Journal of Wildlife, Scientific Reports
- 2019 **Panel Speaker.** Every penny counts: funding graduate school workshop for the conference "I am the first: navigating graduate school through a proactive mindset" UC Davis
- 2017 **Organizing Member.** UC Davis Graduate Student Symposium in Ecology
- 2016-2020 **External PhD Scholar.** Wildlife Institute of India

POPULAR SCIENCE PUBLICATIONS

- 2022 **Hennelly LM.** The ancient Indian wolf: the world's most endangered and evolutionarily distinct gray wolf. *International Wolf Magazine*. Spring 2022 issue

- 2018 **Hennelly LM.** The little-known wolves of South Asia. UK Wolf Conservation Trust's *Wolf Print Magazine*. March 2018 Issue
- 2015 **Hennelly LM.** Chasing Shanku: wolf research in the High Himalaya. *International Wolf Magazine* 16(4): 12-13
- 2015 **Hennelly LM.** Hybridization threat in the Himalaya. Conservationindia.org