

# Lauren Hennelly

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Mammalian Ecology and Conservation Unit

University of California, Davis

Davis, California, 95616 USA

## EDUCATION

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- Sept 2016 – **Ph.D Candidate, University of California, Davis.** Davis, CA  
Current Advisor: Dr. Ben Sacks
- May 2013 **B.S, University of Wisconsin-Madison,** Madison WI  
*Major:* Evolutionary Biology, honors in research.  
*Thesis title:* *Ecological and phylogenetic influences on vertebrate eye morphology*

## FELLOWSHIPS

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- 2017 National Science Foundation Graduate Research Fellowship (\$132,000)  
2016 UC Davis Graduate Group in Ecology Fellowship (\$62,000)  
2014 U.S. Fulbright Student Research Fellowship to India (~\$24,000)  
2012 Hilldale Undergraduate/Faculty Research Fellowship (\$4,000)

## RESEARCH PUBLICATIONS

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- 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, B Habib, **LM Hennelly**. 2019. Characterising the vocal repertoire of the Indian wolf (*Canis lupus pallipes*). *PloS ONE* 14(10): e0216186
- 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*
- 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.

## AWARDS and GRANTS

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2018	Rufford Foundation Small Grant (\$5,532) – CoPI with Hira Fatima
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	National Science Foundation 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)

## PROFESSIONAL PRESENTATIONS

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**Hennelly LM.** February 2020. Genomics insights into the distinctiveness and distribution of South Asian wolves. Oral Presentation at the Graduate Group in Ecology Symposium, UC Davis.

**Hennelly LM,** S. Modi, B. Habib, BN Sacks. Jan 2020. *Whole genome resequencing of wolves at a contact zone in South Asia to explore distinctiveness, local adaptation, and barrier genes.* Poster presentation. Plant and Animal Genome Conference XXVIII

**Hennelly LM.** March 2019. *Collaboration across borders: Evolution, ecology, and conservation of wolves in Asia.* Oral Presentation. Discover your Niche: Wildlife Professional Development Conference, University of California, Davis. **Invited Speaker.**

**Hennelly LM.** February 2019. *Evolution, ecology, and conservation of wolves in Asia.* Oral Presentation. Wildlife Fish and Conservation Department Seminar, University of California, Davis, Davis, CA.

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.* Oral Presentation. 31<sup>st</sup> Annual Research Seminar. Wildlife Institute of India. Dehradun, India.

**Hennelly LM.** March 2015. *Howls of India: Assessing endangered wolf populations through howl surveys.* Presentation at the Fulbright South and Central Asia Conference. Hyderabad, India

**Hennelly, LM.** May 2013. *What Eye Learned: Phylogenetic and Ecological Influences on Vertebrate Eye Morphology.* Presentation at the Undergraduate Symposium. University of Wisconsin-Madison, Madison WI.

**Hennelly LM.** Feb 2013. *Phylogenetic and Ecological Influences on Vertebrate Eye Morphology.* Presentation at the Department of Pathobiological Sciences Seminar, University of Wisconsin-Madison, Madison WI.

**Hennelly LM.** Aug 2011. *Ecology and Evolution of Neotropical Bats and Rodents*. Presentation at the Undergraduate Research Symposium. Field Museum of Natural History, Chicago IL.

**Hennelly LM.** May 2010. *Evaluating Variations in Morphological Evolutionary Rates between Island and Mainland Species*. Poster at the Undergraduate Research Symposium, University of Wisconsin-Madison.

## TEACHING EXPERIENCE

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2020	Guest Lecturer. B.S. Course for Environmental Sciences. Bahria University, Islamabad, Pakistan.
2020	Guest Lecturer. Master's course in Environmental Management – University of San Francisco.
2019	Software Carpentry Instructor Training. (March 2019). Professional development for teaching computer programming.
2017	Teaching Assistant, Tree of Life (BIC 2C), UC Davis

## RESEARCH EXPERIENCE

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Summer 2016	<b>Project Biologist.</b> Wood River Wolf Project. Hailey, Idaho
2015-2016	<b>Research Technician.</b> Wyoming Cooperative Fish and Wildlife Research Unit. Laramie, Wyoming
2011-2015	<b>Student Researcher.</b> Center for Limnology, UW-Madison. Madison, Wisconsin
2014-2015	<b>Fulbright Scholar.</b> Wildlife Institute of India. Dehradun, India.
2014	<b>Field Assistant.</b> University of Auckland. New Zealand (2 months)
2013	<b>Field Assistant.</b> Deakin University. Australia (4 months)
Summer 2013	<b>Field Assistant</b> in Indian Himalaya. University of Chicago. Illinois
April 2012	<b>Field Assistant.</b> Yanayacu Biological Station. Cosanga, Ecuador
Summer 2011	<b>Intern.</b> Field Museum of Natural History. Chicago, Illinois
2010-2011	<b>Student Researcher.</b> Bret Payseur Lab, UW Madison. Madison, Wisconsin
2010-2011	<b>Field Assistant.</b> Yanayacu Biological Station. Cosanga, Ecuador
2010	<b>Student Researcher.</b> Francisco Pelegri Lab, UW-Madison. Madison, Wisconsin

**Total field experience by country:** India (16 months), Pakistan (1.5 month), Ecuador (1 month), Australia (4 months), New Zealand (2 months), United States (Wyoming and Idaho – 3 months)

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## PROFFESIONAL AFFILIATIONS

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Wildlife Institute of India – External Ph.D Scholar  
American Institute of Pakistan Studies – member  
The Systematics Association – member

Society of Conservation Biology – member (Asia Chapter, UC Davis Chapter)

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## **SERVICE and OUTREACH**

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**Committee Member** – UC Davis Graduate Group in Ecology Admissions (2019, 2020)

**Organizing Member** – UC Davis Graduate Student Symposium in Ecology (2017)

**Secretary** – Society of Conservation Biology – Davis Chapter

- - Mentorship event to conservation-interested undergraduates (Oct 2019)

- - Organizer for Non-Academic Career Panel (2019)

**Reviewer.** European Journal of Wildlife. Dec 2019.

**Educator** – UC Davis Graduate Group in Ecology Picnic Day (2017 – 2019), Madison Elementary School in Morton Grove, IL (2016, 2017, 2018), Edison Elementary School in Skokie, IL (2014, 2015, 2016, 2017, 2018), Winston Elementary School in Palatine, IL (2016, 2017, 2018)

**Panel Speaker** – *Every Penny Counts: Funding Graduate School Workshop* for the conference “I am First: Navigating Graduate School through a Proactive Mindset”. University of California, Davis (March 2019).

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## **POPULAR SCIENCE PUBLICATIONS**

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**Hennelly LM.** 2018. The little-known wolves of South Asia. UK Wolf Conservation Trust’s *Wolf Print Magazine*. March 2018 Issue.

**Hennelly LM.** 2015. Chasing Shanku: wolf research in the High Himalaya. *International Wolf Magazine* 16(4): 12-13.

**Hennelly LM.** Chasing Shanku: wolf research in the High Himalaya. UK Wolf Conservation Trust’s *Wolf Print Magazine* (reprint from International Wolf Magazine). Summer 2017 issue.

**Hennelly LM.** 2015. Hybridisation threat in the Himalaya. Conservationindia.org.