Department of Biology, Colorado State University · 1878 Campus Delivery · Fort Collins, CO 80523 ⊠ clifton.mckee@gmail.com 🔊 +1 970 889 9540 🐔 cliftonmckee.weebly.com

INTERESTS

wildlife disease ecology · phylogenetics · statistical modeling · population genetics · molecular biology

EDUCATION

2019	PhD in Ecology (expected May 2019) Colorado State University · Fort Collins, CO
	Advisor: Prof Colleen Webb
2015	MS in Ecology Colorado State University · Fort Collins, CO

Advisor: Prof Colleen Webb

BS in Ecology & BA in Environmental Studies University of Pittsburgh · Pittsburgh, PA

PROFESSIONAL EXPERIENCE

2014-2018	$\textbf{CDC Division of Vector-Borne Diseases} \ \textbf{Guest Researcher} \cdot \textbf{Fort Collins}, \textbf{CO}$
	Supervisor: Dr Michael Kosoy
2015-2017	CDC Division of Vector-Borne Diseases Regular Fellow · Fort Collins, CO
	Supervisor: Dr Michael Kosoy
2010 & 2013	Emory University Field Assistant & Field Research Specialist · Atlanta, GA
	PI: Prof Donna Maney
2011-2013	WL Gore & Associates Laboratory Technician · Newark, DE
2011	University of California, Santa Cruz Field Technician · Santa Cruz, CA
	PI: Prof Marm Kilpatrick

FELLOWSHIPS · GRANTS · AWARDS

Total received: \$96,150

2018	Colorado State University Vice President for Research Fellowship · \$4,000
2015-2017	CDC Division of Vector-Borne Diseases Regular Fellowship · \$82,000
2014 & 2017	Colorado State University Department of Biology Travel Awards · \$2,000
2015	Colorado State University Sharon E and David E Kabes Scholarship · \$1,150
2014	Colorado State University Graduate Degree Program in Ecology Small Research Grant • \$2,000
2013	Colorado State University Graduate Fellowship · \$1,000
2011	University of Pittsburgh Phi Beta Kappa
2007	University of Pittsburgh Honors College Scholarship · \$4,000

PUBLICATIONS

2018

	Ehimiyein, GSN Kia, A Oyemakinde, OS Adeniyi, YH Gbadegesin, OA Saliman, A Ogunniyi, AB Ogunkoya, MY
	Kosoy, Idanre Bat Festival Investigation Team. Human exposure to novel Bartonella species from contact with
	fruit bats. Emerging Infectious Diseases 24 (12), 2317-2323.
2018	A Kellner, S Carver, V Scorza, CD McKee, M Lappin, KR Crooks, S VandeWoude, MF Antolin. Transmission
	pathways and spillover of an erythrocytic bacterial pathogen from domestic cats to wild felids. Ecology and
	Evolution 8 (19), 9779-9792.
2018	CD McKee, LM Osikowicz, TR Schwedhelm, SE Maes, RE Enscore, KL Gage, MY Kosoy. Acquisition of Bar-
	tonella elizabethae by experimentally exposed Oriental rat fleas (Xenopsylla cheopis; Siphonaptera, Pulicidae)

and excretion of bartonella DNA in flea feces. Journal of Medical Entomology 55 (5), 1292-1298.

Y Bai, MOV Osinubi, L Osikowicz, C McKee, NM Vora, MR Rizzo, S Recuenco, L Davis, M Niezgoda, AM

PUBLICATIONS (CONTINUED)

2018	M Kosoy, C McKee , L Albayrak, Y Fofanov. Genotyping of <i>Bartonella</i> bacteria and their animal hosts: current
	status and perspectives. Parasitology 145 (5), 543-562.
2018	EE Gorsich, CD McKee , DA Grear, RS Miller, K Portacci, T Lindstrom, CT Webb. Model-guided suggestions
	for targeted surveillance based on cattle shipments in the US. Preventive Veterinary Medicine 150, 52-59.
2018	CD McKee, LM Osikowicz, TR Schwedhelm, Y Bai, KT Castle, MY Kosoy. Survey of parasitic bacteria in bat
2010	bugs, Colorado. Journal of Medical Entomology 55 (1), 237–241.
2017	CD McKee, MY Kosoy, Y Bai, LM Osikowicz, R Franka, AT Gilbert, S Boonmar, CE Rupprecht, LF Peruski. Di-
2017	
	versity and phylogenetic relationships among <i>Bartonella</i> strains from Thai bats. PLOS One 12 (7), e0181696.
2017	L Urushadze, Y Bai, L Osikowicz, C McKee , K Sidamonidze, D Putkaradze, P Imnadze, A Kandaurov, I Kuzmin,
	M Kosoy. Prevalence, diversity, and host associations of <i>Bartonella</i> strains in bats from Georgia (Caucasus).
	PLOS Neglected Tropical Diseases 11 (4), e0005428.
2017	Y Bai, L Urushadze, L Osikowicz, C McKee , I Kuzmin, A Kandaurov, G Babuadze, I Natradze, P Imnadze, M
	Kosoy. Molecular survey of bacterial zoonotic agents in bats from the country of Georgia (Caucasus). PLOS
	One 12 (1), e0171175.
2016	CD McKee, DTS Hayman, MY Kosoy, CT Webb. Phylogenetic and geographic patterns of bartonella host shifts
	among bat species. Infection, Genetics and Evolution 44, 382-394.
2015	WM Zinzow-Kramer, BM Horton, CD McKee , JM Michaud, GK Tharp, JW Thomas, EM Tuttle, SYi, DL Maney.
2013	
	Genes located in a chromosomal inversion are correlated with territorial song in white-throated sparrows.
	Genes, Brain and Behavior 14 (8), 641-654.
2015	Y Bai, DTS Hayman, CD McKee , MY Kosoy. Classification of <i>Bartonella</i> strains associated with straw-colored
	fruit bats (Eidolon helvum) across Africa using a multi-locus sequence typing platform. PLOS Neglected Tropi-
	cal Diseases 9 (1), e0003478.

OTHER CONTRIBUTIONS

2015 K Owers, **C McKee**, C Hallman, K Portacci, R Miller, T Lindstrom, C Webb. USAMM R Shiny Visualization. Available at: https://usamm-gen-net.shinyapps.io/usamm-gen-net/.

TEACHING

2014 & 2018	Molecular and General Genetics Teaching Assistant & Guest Lecturer - Colorado State University
2018	Introduction to Evolution Teaching Assistant & Guest Lecturer · Colorado State University
2018	Principles of Systematic Zoology Guest Lecturer · Colorado State University
2017	Ecology Teaching Assistant · Colorado State University
2017	Tropical Ecology and Evolution Guest Lecturer · Colorado State University
2016	Ecology of Infectious Diseases Guest Lecturer · Colorado State University
2014 & 2015	Ornithology Teaching Assistant & Guest Lecturer · Colorado State University
2013	Attributes of Living Systems Teaching Assistant · Colorado State University

STUDENT MENTORING

2018	Paul Lazarus Undergraduate Research Assistant · Colorado State University
2016-2017	Alexis Cannella Undergraduate Research Assistant · Colorado State University
2014-2015	Jake Doyle Undergraduate Research Assistant · Colorado State University
2014-2015	Madison Leming Undergraduate Research Assistant · Colorado State University

PRESENTATIONS

2018	Ecological Society of America Annual Meeting New Orleans, LA
	Contributed talk: Timing the diversification of a mammal parasite, Bartonella
2018	Front Range Student Ecology Symposium Fort Collins, CO
	Contributed talk: Timing the diversification of a mammal parasite, Bartonella
2018	Vice President for Research Three Minute Challenge Fort Collins, CO
	Invited talk: Bad roommates? Inferring bacterial interactions in coinfected individuals

PRESENTATIONS (CONTINUED)

2017	Colorado State University Graduate Student Showcase Fort Collins, CO
	Poster: Timing the diversification of a mammal parasite, Bartonella
2017	Ecological Society of America Annual Meeting Portland, OR
	Contributed talk: Long-term monitoring of Bartonella spp. bacteria in a captive colony of fruit bats and exper-
	imental evidence of bat flies as vectors of bartonella
2017	International Symposium on Infectious Diseases of Bats Fort Collins, CO
	Contributed talk: Long-term monitoring of Bartonella spp. bacteria in a captive colony of fruit bats and exper-
	imental evidence of bat flies as vectors of bartonella
2017	Ecology and Evolution of Infectious Disease Conference Santa Barbara, CA
	Poster: Linking patterns of bacterial parasite diversity across host and vector communities
2017	Front Range Student Ecology Symposium Fort Collins, CO
	Contributed talk: Host phylogenetic distance and ectoparasite overlap predict Bartonella sharing in European
	bats
2015	Ecological Society of America Annual Meeting Baltimore, MD
	Contributed talk: Phylogeography of Bartonella bacteria in Eidolon spp. fruit bats across Africa
2015	Ecology and Evolution of Infectious Disease Conference Athens, GA
	Poster: Phylogeography of Bartonella bacteria in Eidolon spp. fruit bats across Africa
2015	Front Range Student Ecology Symposium Fort Collins, CO
	Contributed talk: Phylogeography of Bartonella in Eidolon fruit bats across Africa
2014	Ecological Society of America Annual Meeting Sacramento, CA
	Poster: Large-scale patterns of Bartonella prevalence and diversity in African fruit bats
2014	Ecology and Evolution of Infectious Disease Conference Fort Collins, CO
	Poster: Large-scale patterns of Bartonella prevalence and diversity in African fruit bats
2014	Front Range Student Ecology Symposium Fort Collins, CO
	Poster: A novel method of isolating multi-locus sequence data for characterizing Bartonella diversity in bats

PROFESSIONAL SERVICE

Peer review: Acta Chiropterologica, Infection, Genetics and Evolution, Microbial Ecology, PLoS Neglected Tropical Diseases, Tropical Biomedicine, Zoonoses and Public Health

2014-2018	Ecological Society of America Member
2014-2018	Front Range Student Ecology Symposium Volunteer
2014	Ecological Society of America Volunteer
2014-2015	Front Range Student Ecology Symposium Vice President

COMMUNITY ENGAGEMENT

2018	National Science Olympiad Fort Collins, CO · Workshop on Disease Ecology
2018	Rocky Mountain Regional Middle School Science Bowl Loveland, CO · Moderator
2015	O'Dea Flementary School Science Fair Fort Collins, CO - Judge

REFERENCES

Dr Colleen Webb Professor · Department of Biology · Colorado State University ☑ colleen.webb@colostate.edu

№ +1 970 491 6723

Dr Michael Kosoy Chief · Laboratory of Rodent-Borne and Wildlife Diseases · CDC Division of Vector-Borne Diseases ⊠ mck3@cdc.gov

+1 970 266 3522

 $\label{eq:continuity} \textbf{Dr David TS Hayman} \ Associate \ Professor \cdot Institute \ of \ Veterinary, Animal and Biomedical Sciences \cdot Massey \ University \\ \boxtimes \ d.t.s.hayman@massey.ac.nz$