Mevin B. Hooten

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Experience:	UNIVERSITY OF TEXAS at AUSTIN, Austin, TX • Professor 2021- • Department of Statistics and Data Sciences	-
	COLORADO STATE UNIVERSITY, Fort Collins, CO • Professor 2018-2021 • Department of Fish, Wildlife, and Conservation Biology • Department of Statistics	
	 Associate Professor Department of Fish, Wildlife, and Conservation Biology Department of Statistics 	, •
	 Assistant Professor Department of Fish, Wildlife, and Conservation Biology 	,
	 Department of Statistics Faculty Affiliate, Graduate Degree Program in Ecology 2010- 	-
	U.S. GEOLOGICAL SURVEY, Fort Collins, CO • Assistant Unit Leader • Colorado Cooperative Fish and Wildlife Research Unit	1
	 UTAH STATE UNIVERSITY, Logan, UT Assistant Professor of Statistics, Department of Mathematics and Statistics Adjunct Faculty, Department of Wildland Resources Faculty Associate, Ecology Center 	
Education:	UNIVERSITY OF MISSOURI, Columbia, MO • Ph.D. Statistics Advisor: Christopher K. Wikle • Dissertation Topic: Hierarchical spatio-temporal models for ecological processes	
	UNIVERSITY OF MISSOURI, Columbia, MO • M.S. Forest Ecology Advisor: David R. Larsen • Thesis Topic: Modeling the spatial distribution of ground flora	
	 KANSAS STATE UNIVERSITY, Manhattan, KS B.S. Natural Resource Management Advisor: Mark Morgan Minor in Wildlife Biology 	

Books:

Hooten, M.B. and T.J. Hefley. (2019). Bringing Bayesian Models to Life. Chapman & Hall/CRC.

Hooten, M.B., D.S. Johnson, B.T. McClintock, and J. Morales. (2017). Animal Movement: Statistical Models for Telemetry Data. Chapman & Hall/CRC.

Hobbs, N.T. and M.B. Hooten. (2015). Bayesian Models: A Statistical Primer for Ecologists. Princeton University Press.

Selected Publications: (students and post-docs underlined)

<u>Lu, X.</u>, M.B. Hooten, A. Kaplan, J.N. Womble, and M.R. Bower. (In Press). Improving wildlife population inference from aerial imagery data through entity resolution. *Journal of Agricultural, Biological, and Environmental Statistics*.

<u>Scharf, H.R., X. Lu, P.J. Williams</u>, and M.B. Hooten. (In Press). Constructing flexible, identifiable, and interpretable statistical models for binary data. *International Statistical Review*.

<u>Schafer, T.L.J.,</u> C.K. Wikle, and M.B. Hooten. (In Press). Bayesian inverse reinforcement learning for collective animal movement. *Annals of Applied Statistics*.

<u>Leach, C.B.</u>, P.J. Williams, J.M. Eisaguirre, J.N. Womble, M.R. Bower, and M.B. Hooten. (In Revision). Recursive Bayesian computation facilitates adaptive optimal design in ecological studies. *Ecology*.

<u>Scharf, H.R., A. Raiho, S. Pugh, C.A. Roland, D.K. Swanson, S.E. Stehn, and M.B. Hooten.</u> (In Press). Multivariate Bayesian clustering using covariate-informed components with application to boreal vegetation sensitivity. *Biometrics*.

<u>Feuka, A.B.</u>, M.G. Nafus, A.A. Yackel Adams, L.L. Bailey, and M.B. Hooten. (2022). Endogenous and exogenous mechanisms affecting invasive reptile movement at multiple scales. *Movement Ecology*, 10: 2.

<u>Raiho, A.,</u> E.F. Nicklen, A. Foster, C.A. Roland, and M.B. Hooten. (2021). Bridging implementation gaps to connect large ecological datasets to complex models. *Ecology and Evolution*, **11**: 18271-18287.

Lepak, J.M., A.G. Hansen, M.B. Hooten, D. Brauch, and E.M. Vigil. (2021). Rapid proliferation of the parasitic copepod *Salmincola californiensis* on kokanee salmon in a large Colorado reservoir. *Journal of Fish Diseases*, **45**: 89-98.

<u>Eisaguirre, J.M.</u>, P.J. Williams, <u>X. Lu</u>, M.L. Kissling, W.W. Beatty, G.G. Esslinger, J.N. Womble, and M.B. Hooten. (In Press). Diffusion modeling reveals effects of multiple release sites and human activity on a recolonizing apex predator. *Movement Ecology*, **9**: 34.

Banks, D.L. and M.B. Hooten. (2021). Statistical challenges in agent-based modeling. *The American Statistician*, **75**: 235-242.

Williamson, M.A., B.G. Dickson, M.B. Hooten, R.A. Graves, M.N. Lubell, and M.W. Schwartz. (2021). Accounting for incomplete reporting improves inference about private land conservation. *Conservation Biology*, **35**: 1174-1185.

Hooten, M.B., D.S. Johnson, and B.M. Brost. (2021). Making recursive Bayesian inference

- accessible. The American Statistician, 75: 185-194.
- McCaslin, H.M., A.B. Feuka, and M.B. Hooten. (2021). Hierarchical computing for hierarchical models in ecology. *Methods in Ecology and Evolution*, **12**: 245-254.
- Lasky, J.R., M.B. Hooten, and P.B. Adler. (2020). What processes must we understand to forecast regional scale population dynamics? *Proceedings of the Royal Society, Series B*, **287**: 20202219.
- <u>Leach, C.</u>, J.A. Hoeting, K. Pepin, A. Eiras, M.B. Hooten, and C. Webb. (2020). Linking mosquito surveillance to dengue fever through Bayesian mechanistic modeling. *PLoS Neglected Tropical Diseases*, **14**: *e0008868*.
- Hooten, M.B., C.K. Wikle, and M.R. Schwob. (2020). Statistical implementations of agent-based demographic models. *International Statistical Review*, **88**: 441-461.
- <u>Brost, B.M.</u>, M.B. Hooten, and R.J. Small. (2020). Model-based clustering reveals patterns in central place use of a marine top predator. *Ecosphere*, **11**: e03123.
- Hooten, M.B., X. Lu, M.J. Garlick, and J.A. Powell. (2020). Animal movement models with mechanistic selection functions. *Spatial Statistics*, **37**: 100406.
- <u>Lu, X., P.J. Williams</u>, M.B. Hooten, J.A. Powell, J.N. Womble, and M.R. Bower. (2020). Nonlinear reaction-diffusion process models improve inference for population dynamics. *Environmetrics*, **31**: e2604.
- Hooten, M.B., S. Pugh, and C.A. Roland. (2020). Geary's contiguity ratio (Geary's c). Wiley StatsRef: Statistics Reference Online.
- <u>Christianson, K.R.</u>, B.M. Johnson, and M.B. Hooten. (2020). Compound effects of water clarity, inflow, wind, and climate warming on mountain lake thermal regimes. *Aquatic Sciences*, **82**: 6.
- <u>Tipton, J.R.</u>, M.B. Hooten, C. Nolan, R.K. Booth, and J. McLachlan. (2019). Predicting paleoclimate from compositional data using multivariate Gaussian process inverse prediction. *Annals of Applied Statistics*, **13**: 2363-2388.
- Gerber, B.D., M.B. Hooten, <u>C.P. Peck</u>, M.B. Rice, J.H. Gammonley, A.D. Apa, and A.J. Davis. (2019). Extreme site fidelity as an optimal strategy in an unpredictable and homogeneous environment. *Functional Ecology*, **33**: 1695-1707.
- Williams, P.J., W.L. Kendall, and M.B. Hooten. (2019). Selecting ecological models using multi-objective optimization. *Ecological Modelling*, **404**: 21-26.
- Nolan, C., J. Tipton, R.K. Booth, M.B. Hooten, and S.T. Jackson. (2019). Comparing and improving methods for reconstructing peatland water table depth from testate amoebae. *The Holocene*, **29**: 1350-1361.
- Hooten, M.B., J.M. Ver Hoef, and E.M. Hanks. (2019). Simultaneous autoregressive (SAR) model. *Wiley StatsRef: Statistics Reference Online*.
- <u>Scharf, H.R.</u>, M.B. Hooten, R.R. Wilson, G.M. Durner, T.C. Atwood. (2019). Accounting for phenology in the analysis of animal movement. *Biometrics*, **75**: 810-820.
- Christianson, K.R., B.M. Johnson, M.B. Hooten, and J.J. Roberts. (2019). Estimating lake-climate

- responses from sparse data: an application to high elevation lakes. *Limnology and Oceanography*, **64**: 1371-1385.
- Peterson, E.E., <u>E.M. Hanks</u>, M.B. Hooten, J.M. Ver Hoef, and M.-J. Fortin. (2019). Spatially structured statistical network models for landscape genetics. *Ecological Monographs*, **89**: e01355.
- Williams, P.J., M.B. Hooten, G.G. Esslinger, J.N. Womble, J. Bodkin, and M.R. Bower. (2019). The rise of an apex predator following deglaciation. *Diversity and Distributions*, **25**: 895-908.
- <u>Ketz, A.C.</u>, T.L. Johnson, M.B. Hooten, and N.T. Hobbs. (2019). A hierarchical Bayesian approach for handling missing classification data. *Ecology and Evolution*, **9**: 3130-3140.
- Hooten, M.B., <u>H.J. Scharf</u>, and J.M. Morales. (2019). Running on empty: Recharge dynamics from animal movement data. *Ecology Letters*, **22**: 377-389.
- Dietze, M., A. Fox, L. Beck-Johnson, J.L. Betancourt, M.B. Hooten, C. Jarnevitch, T. Kiett, M. Kenney, C. Laney, L. Larsen, H. Loescher, C. Lunch, B. Pijanowski, J. Randerson, E. Reid, <u>A. Tredennick</u>, R. Vargas, K. Weathers, and E. White. (2018). Iterative near-term ecological forecasting: Needs, opportunities, and challenges. *Proceedings of the National Academy of Sciences*, **115**: 1424-1432
- <u>Scharf, H.</u>, M.B. Hooten, D.S. Johnson, and J. Durban. (2018). Process convolution approaches for modeling interacting trajectories. *Environmetrics*, **29**: e2487.
- <u>Buderman, F.E.,</u> M.B. Hooten, M. Alldredge, E.M. Hanks, and J.S. Ivan. (2018). Time-varying predatory behavior is primary predictor of fine-scale movement of wildland-urban cougars. *Movement Ecology*, **6**: 22.
- Gerber, B.D., M.B. Hooten, C.P. Peck, M.B. Rice, J.H. Gammonley, A.D. Apa, and A.J. Davis. (2018). Accounting for location uncertainty in azimuthal telemetry data improves ecological inference. *Movement Ecology*, **6**: 14.
- Conn, P.B., D.S. Johnson, <u>P.J. Williams</u>, S.R. Melin, and M.B. Hooten. (2018). A guide to Bayesian model checking for ecologists. *Ecological Monographs*, **88**: 526-542.
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- Williams, P.J., M.B. Hooten, J.N. Womble, G.G. Esslinger, and M.R. Bower. (2018). Monitoring dynamic spatio-temporal ecological processes optimally. *Ecology*, **99**: 524-535.
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- <u>Buderman, F.M.</u>, M.B. Hooten, J.S. Ivan, and T.M. Shenk. (2018). Large-scale movement behavior in a reintroduced predator population. *Ecography*, **41**: 126-139.
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- <u>Hefley, T.J., B.M. Brost</u>, and M.B. Hooten. (2017). Bias correction of bounded location errors in presence-only data. *Methods in Ecology and Evolution*, **8**: 1566-1573.
- <u>Steger, C.</u>, B. Butt, and M.B. Hooten. (2017). Safari Science: Assessing the reliability of citizen science data for wildlife surveys. *Journal of Applied Ecology*, **54**: 2053-2062.
- Hooten, M.B., R. King, and R. Langrock. (2017). Guest editor's introduction to the special issue on "Animal Movement Modeling." *Journal of Agricultural, Biological, and Environmental Statistics*, **22**: 224-231.
- <u>Hanks, E.M.</u>, D.S. Johnson, and M.B. Hooten. (2017). Reflected stochastic differential equation models for constrained animal movement. *Journal of Agricultural, Biological, and Environmental Statistics*, **22**: 353-372.
- Scharf, H., M.B. Hooten, and D.S. Johnson. (2017). Imputation approaches for animal movement modeling. *Journal of Agricultural, Biological, and Environmental Statistics*, **22**: 335-352.
- <u>Hefley, T.J.</u>, M.B. Hooten, R.E. Russell, D.P. Walsh, and J. Powell. (2017). When mechanism matters: forecasting the spread of disease using ecological diffusion. *Ecology Letters*, **20**: 640–650.
- Pepin, K.M., <u>S.L. Kay</u>, B. Golas, S.S. Shriner, A.T. Gilbert, R.S. Miller, A.L. Graham, S. Riley, P.C. Cross, M.D. Samuel, M.B. Hooten, J.A. Hoeting, J.O. Lloyd-Smith, C.T. Webb, and M.B. Buhnerkempe. (2017). Inferring infection hazard in wildlife populations by linking data across individual and population scales. *Ecology Letters*, **20**: 275–292.
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- Hefley, T.J., M.B. Hooten, E.M. Hanks, R.E. Russell, and D.P. Walsh. (2017). Dynamic spatio-

- temporal models for spatial data. Spatial Statistics, 20: 206-220.
- <u>Hefley, T.J., K.M. Broms, B.M. Brost, F.E. Buderman, S.L. Kay, H.R. Scharf, J.R. Tipton, P.J. Williams</u>, and M.B. Hooten. (2017). The basis function approach to modeling autocorrelation in ecological data. *Ecology*, **98**: 632-646.
- <u>Williams, P.J.,</u> M.B. Hooten, J.N. Womble, G.G. Esslinger, M.R. Bower, and <u>T.J. Hefley</u>. (2017). An integrated data model to estimate spatio-temporal occupancy, abundance, and colonization dynamics. *Ecology*, **98**: 328-336
- Small, R.J., <u>B.M. Brost</u>, M.B. Hooten, M. Castellote, and J. Mondragon. (2017). Potential for spatial displacement of Cook Inlet beluga whales by anthropogenic noise in critical habitat. *Endangered Species Research*, **32**: 43-57.
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- <u>Tipton, J.,</u> M.B. Hooten, and <u>S. Goring</u>. (2017). Reconstruction of spatio-temporal temperature from sparse historical records using robust probabilistic principal component regression. *Advances in Statistical Climatology, Meteorology and Oceanography*, **3**: 1-16.
- Brost, B.M., M.B. Hooten, and R.J. Small. (2017). Leveraging constraints and biotelemetry data to pinpoint repetitively used spatial features. *Ecology*, **98**: 12-20.
- Arab, A., M.B. Hooten, and C.K. Wikle (2017). Hierarchical Spatial Models. *In: Encyclopedia of Geographical Information Science, Second Edition*. Springer.
- <u>Davis</u>, A.J., M.B. Hooten, R.S. Miller, M. Farnsworth, J. Lewis, K.M. Moxcey, and K.M. Pepin. (2016). Inferring invasive species abundance using removal data from management actions. *Ecological Applications*, **26**: 2339–2346.
- Northrup, J.M., C.R. Anderson, M.B. Hooten, and G. Wittemyer. (2016). Movement reveals scale-dependence in habitat selection of a large ungulate. *Ecological Applications*, **26**: 2746-2757.
- Lepak, J.M., M.B. Hooten, C.A. Eagles-Smith, M.A. Lutz, M.T. Tate, J.T. Ackerman, J.J. Willacker Jr., D.C. Evers, J. Davis, C.F. Pritz, J.G. Wiener. (2016). Assessing mercury concentrations in fish across western Canada and the United States: potential health risks to fish and humans. *Science of the Total Environment*, **571**: 342-354.
- Scharf, H.R., M.B. Hooten, B.K. Fosdick, D.S. Johnson, J.M. London, and J.W. Durban. (2016). Dynamic social networks based on movement. *Annals of Applied Statistics*, **10**: 2182-2202. (ASA ENVR Student Paper Award, 2016).
- <u>Tredennick, A.T.,</u> M.B. Hooten, C.L. Aldridge, C.G. Homer, A. Kleinhesselink, and P.B. Adler. (2016). Forecasting climate change impacts on plant populations over large spatial extents. *Ecosphere*, 7: e01525.
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- <u>Cruz, S.M.</u>, M.B. Hooten, K.P. Huyvaert, C. Proano, D.J. Anderson, J. Fox, and M. Wikelski. (2013). At–sea behavior varies with lunar phase in a nocturnal pelagic seabird, the swallow-tailed gull. *PLoS One*, **8**: e56889.
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- <u>Dalgleish</u>, H.J., D.N. Koons, M.B. Hooten, C.A. Moffet, and P.B. Adler. (2011). The influence of climate on the demography of three dominant sagebrush steppe plants. *Ecology*, **92**: 75-85.
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Hooten, M.B., C.K. Wikle, S. Sheriff, and J. Rushin. (2009). Optimal spatio-temporal hybrid sampling designs for ecological monitoring. *Journal of Vegetation Science*, **20**: 639-649.

Mock, K., C. Rowe, M.B. Hooten, A.J. DeWoody, and V.D. Hipkins. (2008). Clonal dynamics in western North American aspen (Populus tremuloides). *Molecular Ecology*, **17**: 4827-4844.

Hooten, M. B. and C.K. Wikle. (2008). A hierarchical Bayesian non-linear spatio-temporal model for the spread of invasive species with application to the Eurasian Collared-Dove. *Environmental and Ecological Statistics*, **15**(1): 59-70. DOI: 10.1007/s10651-007-0040-1.

Arab, A., M.B. Hooten, and C.K. Wikle (2007). Hierarchical Spatial Models. *In: Encyclopedia of Geographical Information Science*. Springer.

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He, H.S., D.C. Dey, X. Fan, M.B. Hooten, J. Kabric, C.K. Wikle, and Z. Fan. (2007). Mapping pre-European settlement vegetation using a hierarchical Bayesian model and GIS. *Plant Ecology*, **191**: 85-94.

Hooten, M.B. and C.K. Wikle. (2007). Shifts in the spatio-temporal growth dynamics of shortleaf pine. *Environmental and Ecological Statistics*, **14**(3): 207-227.

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Hooten, M. B., Larsen, D.R., and C.K. Wikle. (2003). Predicting the spatial distribution of ground flora on large domains using a hierarchical Bayesian model. *Landscape Ecology*, **18**: 487-502.

Awards/ Honors:

•	Superior Performance Award	2020
	U.S. Geological Survey	
•	Superior Performance Award	2019
	U.S. Geological Survey	
•	Wildlife Publication Award Shortlist for Authored Book	2019
	The Wildlife Society	
	Publication: Hooten, M.B., D.S. Johnson, B.T. McClintock, and J.M. Mora	les.
	(2017). Animal Movement: Statistical Models for Telemetry Data. Chapman	n and
	Hall/CRC.	
•	Superior Performance Award	2018
	U.S. Geological Survey	
•	Wildlife Publication Award Shortlist for Authored Book	2018
	The Wildlife Society	
	Publication: Hooten, M.B., D.S. Johnson, B.T. McClintock, and J.M. Mora	les.
	(2017). Animal Movement: Statistical Models for Telemetry Data. Chapman	n and
	Hall/CRC.	
•	Superior Performance Award	2017

	U.S. Geological Survey	
•	ASA Fellow	2017
	American Statistical Association	
•	President's Invited Lecture	2016
	The International Environmetrics Society Annual Meeting	
•	Superior Performance Award	2016
	U.S. Geological Survey	
•	Outstanding Publication of the Year Award	2015
	Colorado State University, Warner College of Natural Resources	
	Publication: Hobbs, N.T. and M.B. Hooten (2015). Bayesian Models: A Sta	atistical
	Primer for Ecologists. Princeton University Press.	
•	Excellence in Science Award, Cooperative Research Units	2015
	U.S. Geological Survey	
•	Superior Performance Award	2015
	U.S. Geological Survey	
•	Superior Performance Award	2014
	U.S. Geological Survey	
•	Young Investigator Award	2014
	American Statistical Association, ENVR Section	
•	Superior Performance Award	2013
	U.S. Geological Survey	• • • •
•	Superior Performance Award	2012
	U.S. Geological Survey	2011
•	Superior Performance Award	2011
	U.S. Geological Survey	2010
•	Researcher of the Year Award	2010
	USU-Department of Mathematics and Statistics	2000
•	Researcher of the Year Award	2009
	USU-Department of Mathematics and Statistics	

Editorial Experience:

- Associate Editor: Biometrics (2020-)
- Associate Editor: Environmetrics (2014-)
- Associate Editor: Annals of Applied Statistics (2011-)
- <u>Associate Editor:</u> Journal of Agricultural, Biological, and Environmental Statistics (2012-13, 2017-)
- <u>Guest Editor:</u> Special Issue in Journal of Agricultural, Biological, and Environmental Statistics (2016-17)
- <u>Guest Editor:</u> Special Issue in Journal of Agricultural, Biological, and Environmental Statistics (2013-14)
- Subject Matter Editor: Ecological Applications (2018)

Teaching Experience:

Workshops and Short Courses

OII	nops una Short Courses	
•	Bayesian Statistical Inference and Practice (CPW), 2 days	2020
•	R Spatial Data and Analysis (CSU), 1 day	2020
•	Animal Movement Modeling Workshop (US-IALE), 1 day	2019
•	Statistical Decision Theory (ASA Alaska Chapter Meeting)	2019
•	R Workshop (KSU), 1 day	2018
•	Animal Movement Modeling Workshop (ISEC), 1 day	2018

R Workshop (KSU), 1 day	2017
 Spatio-Temporal Statistical Models in Practice (WNAR, anticipated), 1/2 day 	2017
R Workshop for Wildlife Biologists (CSU-CCFWRU), 1 day	2017
 Building Capacity in Bayesian Modeling for Ecologists (NSF), 10 days 	2016
 R Workshop for Wildlife Biologists (TWS-CMPS), 1 day 	2016
 Bayesian Decision Theory and Model Selection (ISEC), 1 day 	2016
 R Workshop (CSU-CCFWRU), 1 day 	2015
 Building Capacity in Bayesian Modeling for Ecologists (NSF), 10 days 	2015
 Parallel Computing for Ecologists and Evol. Biologists (CSU-CU), 1 day 	2015
 Building Capacity in Bayesian Modeling for Ecologists (NSF), 10 days 	2014
 R Workshop (CSU-CCFWRU), 1 day 	2013
 Building Capacity in Bayesian Modeling for Ecologists (NSF), 10 days 	2013
 Spatial Statistics using R Workshop (TWS), 1 day 	2012
 R Workshop for Fisheries Biologists (AFS-Western), 1 day 	2012
 Bayesian Models for Ecologists (USU - UCFWRU), 5 days 	2012
 R Short Course (CSU-CCFWRU), 1 day 	2011
 Bayesian Methods for Landscape Ecologists (US-IALE), 1 day 	2009
	2021
The University of Texas at Austin, Dept. of SDS, Austin, TX.	2021-
 Bayesian Statistical Methods (SDS 384-7: Spring 2022) 	
Colorado State University, Dept. of FWCB, Fort Collins, CO.	2011-20
 Hierarchical Models in Ecology (FW 680, Fall 2011; FW/STAT 673, Fall 201 	
	3, 2013,
 2017, 2019) Fish, Wildlife, and Conservation Biology Graduate Faculty Seminar (FW 692, 	Spr. 2016)
Readings on Bayesian Analysis of Ecological Models and Data (ECOL 592, F	
Independent Study, Wildlife Biology (FW 495, Fall 2014)	ali 2011)
Guest Lectures: STAT 501 (Fall 2011-2019), STAT 192 (Spring 2012-2015, 1	Fall 2019)
FW 696 (Fall 2018-2019)	i aii 2017),
1 11 050 (1 all 2015)	
Utah State University, Dept. of Mathematics and Statistics, Logan, UT.	2006-10
Applied Spatial Statistics (STAT 5410/6410, Fall 2006 - 2010)	
• Statistics for Scientists (STAT 3000, Spring 2007, 2009, Fall 2007, 2008)	
 Scientific Statistical Modeling: Directed Readings (STAT 6950, Spring 2007) 	
 Bayesian Statistics (STAT 6740, Spring 2008, 2010) 	
 Linear Regression and Time-Series (STAT 5100, Fall 2009 - 2010) 	
University of Missouri, Statistics Dept., Columbia, MO.	2002-04
Graduate Instructor	
 Statistical Methods for Agriculture Graduate Students (STAT 207) 	
 Probability and Statistics for Business Students (STAT 150) 	
Graduate Lecturer	
 Data Analysis for Graduate Students in Statistics (STAT 414) 	
Hallow to AMing the Aming	1000 01
University of Missouri, Forestry Dept., Columbia, MO.	1999-01
Graduate Lecturer	
• Biometrics	
Geographic Information Systems	
• Photogrammetry	
Remote Sensing	
Post-Doctoral Fellows (Current):	
Xinyi Lu, Post-doctoral Fellow 2021-	
• Clint Leach, Post-doctoral Fellow 2020-	
• Chill Leach, Fost-doctoral Periow 2020-	

Post-Doctoral Fellows (Former):

•	Ann Raiho, Post-doctoral Fellow	2019-2021
•	Henry Scharf, Post-doctoral Fellow	2018-2019
•	Perry Williams, Post-doctoral Fellow	2016-2018
•	Brian Gerber, Post-doctoral Fellow	2016-2017
•	John Tipton, Post-doctoral Fellow	2016-2017
•	Kristin Broms, Post-doctoral Fellow	2013-2016
•	Trevor Hefley, Post-doctoral Fellow	2015-2016
•	Viviana Ruiz-Gutierrez, Post-doctoral Fellow	2013-2014
•	Tabitha Graves, Smith Post-doctoral Fellow	2012-2014

Graduate Students (Current):

- Hanna McCaslin (CSU, PhD-Ecology), Co-Advisor (w/ Kyle Horton).
- Connie Okasaki (UW, PhD-Ecology), Com. Member.
- Michael Schwob (UT-Austin, PhD-Statistics), Advisor.
- Justin Van Ee (CSU, PhD-Statistics), Co-Advisor (w/ Matt Koslovsky).
- George Valentine (CSU, MS-Ecology), **Co-Advisor** (w/ Yoichiro Kanno).
- Wilson Wright (CSU, PhD-Statistics), Co-Advisor (w/ Dan Cooley).

Graduate Students (Graduated):

	V. T. (CCLI DID C. C. C.) All	2021
•	Xinyi Lu (CSU, PhD-Statistics), Advisor.	2021
•	David Clancy (CSU, MS-Statistics), Advisor.	2019
•	Henry Scharf (CSU, PhD-Statistics), Advisor .	2017
•	Frances Buderman (CSU, PhD-Wildlife), Advisor.	2017
•	Brian Brost (CSU, PhD-Ecology), Advisor.	2016
•	John Tipton (CSU, PhD-Statistics), Co-Advisor (w/ Jean Opsomer).	2016
•	Perry Williams (CSU, MS-Statistics), Advisor.	2015
•	Shannon Kay (CSU, MS-Statistics), Advisor.	2015
•	Alison Cartwright (CSU, MS-Statistics), Co-Advisor (w/ Jean Opsomer).	2013
•	Ephraim M. Hanks (CSU, PhD-Statistics), Advisor.	2013
•	Beth Ross (USU, PhD-Wildland Resources), Co-Advisor (w/ Dave Koons).	2013
•	Martha Garlick (USU, PhD-App. Math), Co-Advisor (w/ Jim Powell).	2012
•	Beth Ross (USU, MS-Statistics), Advisor.	2012
•	Xiao Xiao (USU, MS-Statistics), Advisor.	2011
•	Glenda Yenni (USU, MS-Statistics), Advisor.	2011
•	Jess Anderson (USU, MS-Statistics), Advisor.	2011
•	Mark Schmelter (USU, MS-Statistics), Advisor.	2011
•	Ephraim M. Hanks (USU, MS-Statistics), Advisor.	2010
•	Amanda R. Cangelosi (USU, MS-Statistics), Advisor.	2008
•	Darl D. Flake (USU, MS-Statistics), Advisor.	2008
•	Lachlan Griffin (QUT, MS-Statistics), Ext. Examiner	2021
•	Abigail Feuka (CSU, MS-Wildlife Biology), Com. Member.	2021
•	Toryn Schafer (MU, PhD-Statistics), Com. Member.	2020
•	Francisco Peralta (Univ. of Cape Town, PhD-Statistical Ecology), External Examiner.	2020
•	Ghulam Samad (CSU, PhD-Ecology), Com. Member.	2020
•	Clint Leach (CSU, PhD-Biology), Com. Member.	2019
•	Kyle Christianson (CSU, PhD-FWCB), Com. Member.	2019
•	Shawna Zimmerman (CSU, PhD-Ecology), Com. Member.	2018
•	Richard Glennie (Univ. of St. Andrews, Statistics), External Examiner.	2018
•	Clint Leach (CSU, MS-Statistics), Com. Member.	2017
•	Alison Ketz (CSU, PhD-Ecology), Com. Member.	2017
•	Yang Liu (UBC, PhD-Statistics), External Examiner.	2017
	Zachary Weller (CSU, PhD-Statistics), Com. Member.	2017
	Katy Warner (CSU, PhD-FWCB), Com. Member.	2016

•	Perry Williams (CSU, PhD-FWCB), Com. Member.	2015
•	Brian Gerber (CSU, PhD-FWCB), Com. Member.	2015
•	Kevin Blecha (CSU, MS-Ecology), Com. Member.	2015
•	Joe Northrup (CSU, PhD-Wildlife), Com. Member.	2015
•	Christian Roy (Univ. Laval, Canada, PhD-Ecology), External Examiner.	2015
•	Shane Siers (CSU, PhD-Ecology), Com. Member.	2014
•	Xiao Xiao (USU, PhD-Biology), Com. Member.	2014
•	Ann Raiho (CSU, MS-Ecology), Com. Member.	2014
•	Eric Gardunio (CSU, MS-FWCB), Com. Member.	2014
•	Glenda Yenni (USU, PhD-Biology), Com. Member.	2013
•	Aldo Compagnoni (USU, PhD-Wildland Resources), Com. Member.	2013
•	Mark Schmelter (USU, PhD-Engineering), Com. Member	2013
•	Christy Meredith (USU, PhD-Wildland Resources), Com. Member.	2012
•	Andrew Rayburn (USU, PhD-Wildland Resources), Com. Member.	2011
•	John Lowry (USU, PhD-Wildland Resources), Com. Member.	2010
•	Peter Sherick (USU, MS-Statistics), Com. Member.	2010
•	Audrey Smith (USU, MS-Mathematics), Com. Member.	2010
•	Tammy L. Wilson (USU, PhD-Wildland Resources), Com. Member.	2010
•	Amanda Bakian (USU, MS-Statistics), Com. Member.	2008
•	Randy Larsen (USU, PhD-Wildland Resources), Com. Member.	2008

Employees (Former):

•	Michael Schwob, Statistical Technician	2020
•	Christopher Peck, Research Associate	2017-2018
•	Jonathan Lewis, Research Associate	2015-2016
•	Joseph Halseth, Research Associate	2013-2015