

YUNYI SHEN

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EDUCATION

PERIOD **August 2018 — Current**
DEGREE **Master of Science in Wildlife Ecology**
INSTITUTE **University of Wisconsin-Madison** Madison, USA

PERIOD **August 2014 — July 2018**
DEGREE **Bachelor of Science in Integrated Science/Biophysics**
INSTITUTE **Peking University** Beijing, China

RESEARCH PROJECTS

PERIOD **January 2019 —**
ADVISOR **Tim Van Deelen** UW Madison
TITLE **Spatial Explicit Occupancy Modeling of Canidae Species in Apostle Islands, WI USA and Ungulates in QJY Natural Reserve, PRC**
Developing statistical model count for interspecies interaction and spatial autocorrelation simultaneously.

PERIOD **October 2018 —**
ADVISOR **Tim Van Deelen** UW Madison
TITLE **Managing White-tailed Deer Under a Newly Evolving Paradigm: A Demonstration of the Effects of Density-Dependence**
Developing statistical model for density dependency reconstruction.

PERIOD **October 2017 — August 2018**
ADVISOR **Sheng Li** Peking University
TITLE **Diversity Pattern of Pheasants in China**
Distribution modeling of 67 species of pheasants. Land use is the strongest single variable explaining richness across landscape.

PERIOD **October 2016 — October 2017**
ADVISOR **Sheng Li** Peking University
TITLE **Distribution Mapping of Asiatic Black Bear**
Distribution modeling of black bear using data from multiple sources with various spatial resolutions. Developing method for data fusing.

PUBLICATIONS

YEAR **2018**

- [1] Jianping Yu, **Yunyi Shen**, Xiaoyou Song, Xiaonan Chen, Sheng Li and Xiaoli Shen "Evaluating the effectiveness of the functional zones for the protection of black muntjac (*Muntiacus crinifrons*) in the Qianjiangyuan National Park" *Biodiversity*(in Chinese) (*in press*)
- [2] **Yunyi Shen**, Mingzhang Liu, Dajun Wang and Sheng Li "Identify critical knowledge gap and conservation needs of threatened large mammal through high-resolution mapping: case of Asiatic Black Bear, China" (*in prep*)
- [3] Xiaoyun Shi, **Yunyi Shen** and Sheng Li "Mapping the current distribution of chrysolophus pheasants (*C. pictus* and *C. amherstiae*) to determine the range of potential hybridization" (*in prep*)

CONFERENCE PRESENTATIONS AND POSTERS

YEAR **2017**

- [1] "Identify critical knowledge gap and conservation needs of Asiatic Black Bear through high-resolution mapping" *Chinese Chapter of SCB Annual Conference 2017* Best graduate student presentation award

YEAR **2016**

- [1] Jinlin Chen, Xier Chen, Haowen Liu, **Yunyi Shen**, Yichao Zeng, Lijie Yin "Biodiversity survey in Chongzuo examined effects of the white-headed langur (*Trachypithecus leucocephalus*) as a flagship species on habitat conservation" Conservation of China's Tropical Diversity (Poster)

PROFESSIONAL POSITIONS

PERIOD	January 2019 — December 2019	
EMPLOYER	Qianjiangyuan National Park	Zhejiang China
TITLE	Statistical Specialist Black muntjac population and distribution modeling	
PERIOD	June 2017 — July 2018	
EMPLOYER	Peking University Biology Museum	Beijing China
TITLE	Docent Science communication manuscript writing, automatic guiding system construction, guide visitors	

OUTREACH POSITIONS

PERIOD	2016	
EMPLOYER	<i>Bo Wu</i> (Chinese National Geography Magazine)	Beijing China
TITLE	Editor Edit science communication manuscripts	

GRANTS

PERIOD	November 2018 — November 2019		
AGENCY	Institute of Zoology, Chinese Academy of Science		
TITLE	Basic ecology of black muntjac	Statistical specialist	
AMOUNT	\$10,000 in total, with 3 other collaborators		

AWARDS

YEAR	2017	
AWARD	Annual Award in Social Works	Peking University
YEAR	2015	
AWARD	Second Award in Jiang Zehan Cup of Modeling	Beijing, China
YEAR	2013	
AWARD	Silver Medal in Chinese Chemistry Olympiad	Beijing, China

TEACHING

SEMESTER	Spring 2019	
INSTITUTE	UW Madison	
COURSE	General Chemistry (CHEM 104)	TA
SEMESTER	Spring 2018	
INSTITUTE	Peking University	
COURSE	ESL for Non-Academic Staffs	Instructor
SEMESTER	Fall 2017 & Fall 2016	
INSTITUTE	Peking University	
COURSE	Evolution of Human Intelligence	TA
SEMESTER	Spring 2016	
INSTITUTE	Peking University	
COURSE	Undergraduate Seminar in Genetics	TA
SEMESTER	Summer 2015 & Summer 2014	
INSTITUTE	Xi'an No.1 (2015)/Tieyi (2014) High School	
COURSE	Chinese Chemistry Olympiad (CChO)	Instructor