

# YUNYI SHEN

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## EDUCATION

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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

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PERIOD **August 2018 —**  
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 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

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### 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

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### 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 Yi "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

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

## OUTREACH POSITIONS

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

## GRANTS

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

## AWARDS

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

## TEACHING

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