

## Curriculum Vitae

Yahn-Jauh Su

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### Education

- PhD** Geography, Michigan State University, Aug 2014 – present  
Environmental Sciences, University of Toledo, June 2012 – Aug 2014  
Fisheries Science, Oregon State University, Sep 2007 – May 2009
- M.S.** Zoology, National Taiwan University, April 1999  
Thesis: "Numerical effects and competitive mode between small and large tadpoles of *Chirixalus eiffingeri* (Rhacophoridae)."
- B.S.** Biology, National Cheng Kung University, June 1996

### Peer-reviewed Publications

- Kam, Y.C., **Y.J.Su**, J.L.Liu, & Y.S.Lin. 2001. Intraspecific interactions among oophagous tadpoles (*Chirixalus eiffingeri*: Rhacophoridae) living in bamboo stumps in Taiwan. *J. Zool. Lon.*, 255, 519-524.
- Chen, Y.H., **Y.J.Su**, Y.S.Lin, & Y.C.Kam. 2001. Inter- and intraclutch competition among oophagous tadpoles of the Taiwanese tree frog, *Chirixalus eiffingeri* (Anura: Rhacophoridae). *Herpetologica*, 57, 438-448.

### Conference Publications

- Su, Yahn-Jauh**, J. Chen, C. Shao, W. Shen, T. Zenone, R. John, M. Abraha, M. Deal, S. Hamilton and G.P. Robertson. Interannual and intrannual variation of soil respiration across biofuel crops and land use histories. The 8<sup>th</sup> Annual GLBRC Science Retreat at South Bend, IN. 5/20-22, 2014. (poster)
- Su, Yahn-Jauh**, J. Chen, C. Shao, W. Shen, T. Zenone, R. John, M. Abraha, M. Deal, S. Hamilton and G.P. Robertson. The effects of soil temperature, moisture and vegetation on soil respiration in biofuel crops systems in southwest Michigan. The 2014 Annual GLBRC A4 Science Retreat at Hickory Corners, MI. 2/3-5, 2014. (poster)
- Su, Yahn-Jauh**, J. Chen, C. Shao, W. Shen, T. Zenone, R. John, M. Abraha, M. Deal, S. Hamilton and G.P. Robertson. The responses of soil respiration to climate across biofuel crops and land use histories. The 2013 AGU Fall Meeting at San Francisco, CA. 12/9-13, 2013. (poster)
- Su, Yahn-Jauh**, J. Chen, C. Shao, W. Shen, T. Zenone, R. John, M. Deal, S. Hamilton and G.P. Robertson. The responses of soil respiration to climate across biofuel crops and land use histories. The 7<sup>th</sup> Annual GLBRC Science Retreat at South Bend, IN. 5/21-23, 2013. (poster)
- Su, Yahn-Jauh**, J. Chen, C. Shao, W. Shen, T. Zenone, R. John, M. Deal, S. Hamilton and G.P. Robertson. The responses of soil respiration to climate across biofuel crops and land use histories. 2013 KBS LTER All Scientist Meeting at East Lansing, MI. 4/4-5, 2013. (poster)
- Su, Yahn-Jauh**, J. Chen, C. Shao, W. Shen, T. Zenone, R. John, M. Deal, S. Hamilton and G.P. Robertson. The responses of soil respiration to climate in biofuel crop systems in southwest Michigan. The 2013 Annual GLBRC A4 Science Retreat at Hickory Corners, MI. 2/17-19, 2013. (poster)
- Chen, P., S.C. Liu, F.J. Liu & **Y.J. Su**. 2008. Pharmacokinetic And Pharmacodynamic Studies For Inhaled Insulin in Dogs. 2008 AAPS Annual Meeting and Exposition at Atlanta, Georgia. (poster)

Kam, Y.C., Y.H.Chen, **Y.J.Su**, & Y.S.Lin. 2000. Intraspecific competition within and between hatching cohorts of oophagous tadpoles of the Taiwanese tree frog, *Chirixalus eiffingeri*. 85<sup>th</sup> annual meeting of the Ecological Society of America at Snow Bird, Utah.

Kam, Y.C., T.C.Chen, **Y.J.Su**, J.Y.Yang, & F.C.Yu. 1998. Riparian herpetofauna of a subtropical forest in central Taiwan. IX Pacific Science Inter-Congress at Taipei, Taiwan.

Kam, Y.C., T.C.Chen, **Y.J.Su**, J.Y.Yang, and F.C.Yu. 1997. Ecology of riparian herpetofauna of Guandaushi Forest in central Taiwan. ILTER meeting at Taipei, Taiwan.

#### *Scholarship and Awards*

**Taiwan Ministry of Education Fellowship for Study Abroad**, Ministry of Education, Taiwan, 9/07–8/09

**International Youth Action Award**, The National Youth Committee, Taiwan, 5/2006 – 12/2006

**Outstanding Serviceman Commendation**, Ministry of National Defense, Taiwan, 1/2001

**The Memorial Scholarship of Mr. De-Gui Xie and Mr. Song-Yen Feng**, Department of Zoology, National Taiwan University, 7/1999

**Best Poster Award**, Animal Behavior & Ecology Conference, Taiwan, 2/1999

#### *Related Experience and Research*

**Research Assistant**, Center for Global Change and Earth Observations, Michigan State University.  
8/2014-present

Carbon flux, soil respiration & photosynthesis in biofuel crop systems in Kellogg Biological Station.

**Research Assistant**, Department of Environmental Sciences, University of Toledo. 6-8/2012,  
5/2013-1/2014

Carbon flux, soil respiration & photosynthesis in biofuel crop systems in Kellogg Biological Station.

**Teaching Assistant**, Department of Environmental Sciences, University of Toledo. 8/2012-5/2013,  
1/2014-8/2014

Taught Environmental Problems lab; Assist Northwest Ohio District 2 Science Day at UT; Maintain department greenhouse and garden.

**Research Assistant**, School of Natural Resources and Environment, Univ. of Michigan, 10/2010–9/2011

Ganges River Dolphin Restoration Project: The biological drivers to Ganges River Dolphin distribution.

**Temporal Employee**, USFS PNW Research Station, 5/2008 – 9/2008

Habitat (headwater and riparian forest) and benthic crews in Trask River Watershed Study in Oregon.

**Research Assistant**, Biodiversity Research Center, National Taiwan University, 6/2002 – 7/2003

Amphibian, reptile and fish sections in “Investigation of Current Status in Lanyang River System”

**Masters Research**, Department of Zoology, National Taiwan University, 9/1996 – 4/1999.

Behavior, reproductive strategy, competition mode and population ecology in oophagous arboreal tadpoles, *Chirixalus eiffingeri* (Rhacophoridae)

Ecology of riparian herpetofauna in a subtropical forest in Taiwan. (LTER site)

**Bachelors Research**, Department of Biology, National Cheng Kung University, 9/1992 – 6/1996

Physiological ecology of *Bufo bankorensis* (Bufonidae) in Taiwan.

**Executive Secretary & Project Manager**, Society of Streams, R.O.C. (NGO), 2/2004 – 4/2005

Participated in environmental issues (particularly in stream ecology and watershed management), managed research plans, held conferences, performed routine works and finance of the society, maintained and updated websites and edited newsletters.

**Adviser**, Biology Research Association, St. Francis Girl's Senior High School, 9/1997 – 1/1998  
Taught biological exp., arranged exp. result in Exhibition of Anniversary Celebration of School

**Teaching Assistant**, Department of Zoology, National Taiwan University, 9/1996 – 1/1997  
Taught zoological experiments.

**Temporary Technician**, Taipei Zoo, 4/1999 – 6/1999.  
Held exhibition of indigene freshwater fish in Taiwan. Manufactured animal specimen and built database.

*Professional Service*

**Assistant Research Scientist**, Development Center for Biotechnology, 6/2005 – 3/2007  
Bioassay and electrophoresis of Calcitonin-Salmon bulk drug. Analyses of pork insulin bulk drug.  
Bioassay, pharmacokinetics and pharmacodynamic studies for intratracheal administration of insulin.

**Technician of Quality Assurance**, ADImmune Corporation, 4/2001 – 6/2002  
Executed cGMP & validation of injection water system and warehouse system for vaccine manufacture.

*Presentations (\*invited)*

**The fisheries and the conservation of yellowfin tuna in Pakistan.** The National Youth Committee, Taiwan. 2006

**\*The Beauty of Frog**, Chinese Society of Natural Photography. 2005

**\*Ecology Services, Functions and the Beauty of Streams in Taiwan**, Chinese Society of Natural Photography. 2004