

YAU-HUO (JIMMY) SHR

DEC, 2016

Agricultural, Environmental, and Regional Economics
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RESEARCH INTERESTS

Environmental and resource economics, land-use economics, non-market valuation, discrete choice modeling, recreation and tourism economics

EDUCATION

Pennsylvania State University

Ph.D. Candidate, Agricultural, Environmental, and Regional Economics (AEREC)

Expected Date of Completion: May, 2017

Dissertation Title: Three Essays on Nonmarket Valuation: New Approaches in Revealed and Stated Preference Methods

Committee: Dr. Katherine Zipp (Chair), Dr. Richard Ready, Dr. James Shortle, Dr. Scott Colby, and Dr. Stuart Echols

National Taiwan University

M.S., Agricultural Economics, 2010

B.S., Agricultural Economics, 2008

PUBLICATIONS

Shr, Y-H., Luh, Y-H., Huang, F-M., and Jiang, W-J. (2013). Farm Household Income Inequality in Taiwan: The Association of Nonfarm Income and Income Inequality. *Agriculture and Economics*, 51: p27-64.

Visitor Transportation Preferences in the Moose-Wilson Corridor, Grand Teton National Park (with Jennifer Newton, Peter Newman, Derrick Taff, Chris Monz, and Ashley D'Antonio. Under review at *The Journal of Transport Geography*)

WORKING PAPERS

Impacts of Scenario Visualization in Choice Experiments: A Case of Non-hydrological Landscape Attributes of Green Infrastructure (with Richard Ready. Selected paper in 2016 CAES & WAEA Joint Annual Meeting)

Comparing Performance of Discrete Choice Models in Stated Choice Methods: A Prediction-based Approach Using Preference Order Data (with Richard Ready. Selected paper in 2016 AAEA annual meeting and Poster in 2016 AERE summer conference)

Valuing Complementarity between Environmental Goods and Housing Attributes with the Benefit Function: An Application to Flood Hazards (with Katherine Zipp. Selected paper in 2016 AAEA annual meeting and 2016 NAREA annual meeting)

Outcomes and Economic Benefits of the Dining with Diabetes Community-Based Lifestyle Modification Program in Pennsylvania (with Debra Griffie, Lynn James, Stephan Goetz, Brandon Balotti, Marilyn Corbin, Timothy Kelsey, and Richard Jackson. Prepare for submission to *Preventing Chronic Disease – Public Health Research, Practice, and Policy*)

FUNDED RESEARCH PROJECTS (ROLE: RESEARCH ASSISTANT)

Center for Green Infrastructure and Stormwater Management. US Environmental Protection Agency, [Link](#)

Creating a Viable Business Case for Croton Production in Kenya. World Agroforestry Centre, Programme for the Development of Alternative Biofuel Crops

Firescapes in the Mid-Atlantic: Mismatches between Social Perceptions and Prescribed Fire Use. Joint Fire Science Program, [Link](#)

Flexible Buffer Systems: Enhancing Ecosystem Services and Expanding Agricultural Options in Riparian Areas. USDA Agricultural and Food Research Initiative Foundational Program (status pending)

Sound as an Element in Coupled Natural and Human Systems. National Science Foundation, [Link](#)

RESEARCH REPORT

Newman, P., Newton, J. N., Taff, D, and Shr, Y-H. (2016). Visitor Preference Study in the Moose-Wilson Corridor of Grand Teton National Park. Natural Resource Report. NPS/GRTE/NRR—2016/1227. National Park Service. Fort Collins, Colorado.

TEACHING EXPERIENCE

Pennsylvania State University

Instructor, Economics Principles of Agribusiness Decision Making (Spring 2015)

T.A., Economics Principles of Agribusiness Decision Making (Fall 2014)

National Taiwan University

TA., Principles of Statistics (Spring 2010, Fall 2009, Spring 2009, Fall 2008)

- Awarded Outstanding Teaching Assistant for Spring 2010 and Fall 2009

TA., Principles of Econometrics (Spring 2010, Fall 2009)

TA., Principles of Macroeconomics (Spring 2009)

Tutor, Statistics (at Learning and Teaching Center from Spring 2007 to Spring 2010)

OTHER WORK EXPERIENCE

Taiwan Investment and Trade Service Mission in Central America (Guatemala)

Assistant Specialist of Micro Enterprises Development Project, Oct. 2010 to Sep. 2011

AWARDS

Agricultural and Applied Economics Association Travel Grants for Early Career Professionals and Graduate Students, 2016

Northeast Agricultural and Resource Economics Association Conference Scholarship Award, 2016

Western Agricultural Economics Association Graduate Travel scholarships, 2016
College of Agricultural Science National Travel Award, Penn State University, 2016

Outstanding Teaching Assistant Award, National Taiwan University (Spring 2010 and Fall 2009)

SOFTWARE SKILLS

ArcGIS, Matlab, R, SAS, STATA

REFERENCES

- Dr. Katherine Zipp
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- Dr. Richard Ready
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- Dr. James Shortle
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- Dr. Peter Newman
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