

Curriculum Vitae
Yingru Li

HPH 406D, Department of Sociology, University of Central Florida, Orlando, FL 32816
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EDUCATION

- 2012 Ph.D., Geography, University of Utah (Advisor: Dr. Yehua Dennis Wei)
Thesis: A multilevel analysis of China's regional inequality in a Geographic Information Systems environment.
- 2006 M.A., GIS, University of Cincinnati (Advisor: Dr. Lin Liu)
Thesis: A GIS-based locational analysis on Wal-Mart and Kmart stores in Greater Cincinnati with the Huff Model.
- 1999 B.A., Chinese Language and Literature, Shandong University, China

EXPERIENCE

- 2015 – Present Assistant Professor (tenure-track) of GIS, Department of Sociology, University of Central Florida
- 2012 – 2015 Assistant Professor (tenure-track), Department of Geosciences, Auburn University
- 2007 – 2012 Research Assistant/Graduate Student, Department of Geography, University of Utah
- 2011 GIS Instructor, School of Community Health Sciences, University of Nevada, Las Vegas
- 2009 – 2011 Research Associate, Department of Geosciences, Florida Atlantic University
- 2003 – 2006 Teaching Assistant/Graduate Student, Department of Geography, University of Cincinnati
- 1999 – 2004 Member/Manager of Information, the Henan Branch of China Telecom

RESEARCH INTERESTS

- Geographic Information Systems and spatial statistics
- Environmental health, childhood obesity, health and healthcare inequalities
- Regional/social inequality, retail location, urban environment

PEER-REVIEWED PUBLICATIONS (*Denotes Student Co-author)

(Citations: Google Scholar: all—335; h-index—7; i10index—7. Web of Science: 155)

- 19) **Li, Y.** and T. Du*. 2017. Assessing the impact of retail location on hotel development: Analysis of Manhattan hotels, 1822-2012. *Papers in Applied Geography*. Doi: dx.doi.org/10.1080/23754931.2017.1366356 (published online on Oct. 13, 2017).
- 18) Li, X., Shi, X., Wang, A., and **Li, Y.** 2017. Heavy metals contamination and assessment in gas station dust of Xi'an, a mega-city of China. *Environmental Earth Sciences*, 76, 288-297. Doi: <https://doi.org/10.1007/s12665-017-6582-0>
- 17) **Li, Y.**, WM. Carter*, and LE. Robinson. 2016. Social environmental disparities on children's psychosocial stress, physical activity and weight status in Eastern Alabama counties. *Applied Geography*, 76, 106-114. Doi: <https://doi.org/10.1016/j.apgeog.2016.09.011>
- 16) **Li, Y.**, H. Li*, Z. Liu, and CH. Miao. 2016. Spatial assessment of cancer incidences and the risks of industrial wastewater emission in China. *Sustainability*, 8, 480-498. Doi: 10.3390/su8050480
- 15) ArchMiller, A.*, L. Samuelson, and **Y. Li.** 2016. Diurnal and spatial variability of growing season soil respiration in a 64-year-old longleaf pine forest. *Plant and Soil*, 403, 419-435. Doi: 10.1007/s11104-016-2817-1
- 14) Li, H.*, C. Wang, Y. Jiang, A. Hug, and **Y. Li.** 2016. Spatial assessment of sewage discharge with urbanization in 2004–2014, Beijing, China. *AIMS Environmental Science*, 3 (4), 842-857. Doi: 10.3934/environsci.2016.4.842.
- 13) Li, H.*, **Y. Li**, MK. Lee, Z. Liu, and CH. Miao. 2015. Spatial-temporal analysis of heavy metal water pollution in transitional China. *Sustainability* 7, 9067-9087. Doi: 10.3390/su7079067.
- 12) **Li, Y.**, LH. Robinson, MW. Carter*, and R. Gupta. 2015. Childhood obesity and community food environment in Alabama's Black Belt region. *Child: Care, Health, and Development*. 41(5):668-676. Doi: 10.1111/cch.12204.
- 11) **Li, Y.** and YHD. Wei. 2014. Multidimensional health care inequality in provincial China: A case study of Henan Province. *Tijdschrift voor economische en sociale geografie* 105 (1), 91-106. Doi: 10.1111/tesg.12049
- 10) Chen, X., X. Ye, M. Carroll, and **Y. Li.** 2014. Online flood information system: REST-based web service. *International Journal of Applied Geospatial Research* 5 (2), 1-10. Doi: 10.4018/ijagr.2014040101

- 9) Wu, T.* and **Y. Li**. 2013. Spatial interpolation of temperature in the United States using residual Kriging. *Applied Geography* 44, 112-120. Doi: <https://doi.org/10.1016/j.apgeog.2013.07.012>.
- 8) Hug, A.*, C. Mitra, **Y. Li**, and L.J. Marzen. 2013. Relationship between land cover and temperature in the Auburn—Opelika, Alabama urban Area. *Papers in Applied Geography* 36, 311-322.
- 7) Rahman, M.*, C. Mitra, L.J. Marzen, and **Y. Li**. 2013. Urban expansion and environmental parameters - A case study of Huntsville, Alabama. *Papers in Applied Geography* 36, 458-466.
- 6) Xie, Z., Z. Liu, and **Y. Li**. 2013. Validation of the Everglades Depth Estimation Network (EDEN) Water-surface Model. *Papers in Applied Geography* 36, 98-106.
- 5) **Li, Y.** 2012. China's regional inequality in human development. *Regional Science Policy & Practice*, 4, 263-278. Doi: 10.1111/j.1757-7802.2012.01072.x
- 4) **Li, Y.** and L. Liu. 2012. Assessing the impact of retail location store performance: A comparison study of Wal-Mart and Kmart stores in Cincinnati. *Applied Geography* 32: 591-600. Doi: 10.1016/j.apgeog.2011.07.006
- 3) **Li, Y.** and YHD. Wei. 2010. A spatial-temporal analysis of health care and mortality inequalities in transitional China. *Eurasian Geography and Economics*, 51, 767–787. Doi: <http://www.tandfonline.com/doi/abs/10.2747/1539-7216.51.6.767>.
- 2) **Li, Y.** and YHD. Wei. 2010. The spatial-temporal hierarchy of regional inequality of China. *Applied Geography*, 30, 303-316. Doi: <https://doi.org/10.1016/j.apgeog.2009.11.001>
- 1) Liu, Z., **Y. Li**, and Z. Li. 2009. Surface water quality and land use in Wisconsin, USA - a GIS approach. *Journal of Integrative Environmental Sciences*, 6, 69-89. Doi: <http://dx.doi.org/10.1080/15693430802696442>.

Technical Report (peer-reviewed):

- 2) Telis, P.A., Z. Xie, Z. Liu, **Y. Li**, and P.A. Conrads. 2015. The Everglades Depth Estimation Network (EDEN) Surface-Water Model, Version 2. U.S. Geological Survey Scientific Investigations Report 2014-5209. 42 p. doi: 10.3133/sir20145209.

Technical Report (non-refereed):

- 1) Xie, Z., Z. Liu, and **Y. Li**. 2010. EDEN Water-Surface Model: Revision, Validation, Interpolation by Subregion. EDEN report, USGS. Florida Atlantic University, Boca Raton, FL. pp. 50.

MANUSCRIPTS UNDER REVIEW (*Denotes Student Co-author)

- **Li, Y.** and T. Du. * Understanding family restaurant choices with Agent-based Huff Model. *International Journal of Geographical Information Science* (Submitted, Jan, 2018).
- Liu, Y., T. Zhang, Q. Liu, Y. Hu, and **Y. Li**. Linking GRNN and a neighborhood selection algorithm to assess land development suitability in low-slope hilly areas. *Ecological Indicators*. (Submitted in Aug. 2017)
- Ma, J., Q. Liu, Y. Liu, Y. Hu, **Y. Li**, and Y. Yue. Spatial-temporal change of land surface temperature across 285 cities in China: An urban-rural contrast perspective. *Science of the Total Environment*. (Submitted in Jan. 2018)

GRANTS

- Wei, YHD. (PI), W. Xu, Y. Ning, X. Ye, **Y. Li**, J. Shen, C. Miao. Space-Time Analysis of Intra-provincial Inequality in China: Economic Transition, Industrial Restructuring and Spatial Agglomeration (phase II), National Natural Science Foundation of China (41329001). Budget: 2,000,000 Chinese Yuan (about \$326,797). Funding period: 2013-2017. Role: Senior Personnel (15% contribution).
- Social Environmental Disparities, Psychological Stress, and Childhood Obesity. Budget: \$10,000. The Auburn University Intramural Grants Program (101503-137060-2052). Funding period: Apr. 2015 – Aug. 2015. Role: PI (100% contribution).
- Socioeconomic Inequality of Childhood Obesity in the Black Belt Region of Alabama. Budget: \$5,896. The Auburn University Intramural Grants Program (101503-137060-2052). Funding period: Mar. 2014 – Mar. 2015. Role: PI (100% contribution).
- Wei, YHD. (PI). Space-Time Analysis of Intra-provincial Inequality in China: Economic Transition, Industrial Restructuring and Spatial Agglomeration (phase I), National Natural Science Foundation of China (41028001). Budget: 200,000 Chinese Yuan (about \$31,746). Funding period: 2011-2013. Role: Member (30% contribution).
- Chinese Government Award for Outstanding Students Abroad. A Spatial-temporal Investigation on China's Social Economic Inequalities with a Multilevel GWR Modeling. Chinese Scholarship Committee. \$6,000. Funding period: 2011-2012. Role: PI (100% contribution).
- Dissertation Research Improvement Grant. A Multilevel GTWR Modeling of Regional Inequality of China in a GIS Environment. University of Utah. \$2500. Funding period: 2010. Role: PI (100% contribution).

PROPOSALS UNDER REVIEW

- Hahs-Vaughn, D. (PI), **Li, Y. (Co-PI)**, Adelson, J. (Senior Personnel), and Barber, C. (Senior Personnel). Collaborative Research: Spatial-Temporal Variations of Science and Engineering

Research Funding and its Relationship to Science and Engineering Doctorate Degree Attainment. NSF. Budget: \$321,606. Submitted Jan., 2018. (40% contribution, under review)

- Hawthorne, T. (PI) and **Li, Y. (Co-PI)**. The Geospatial STEM Academy: Preparing High School Students for Geospatial Technology Careers through Citizen Science and Community Engagement. United Technologies. Budget: \$416,190. Submitted Jun., 2016. (40% contribution, under review)

AWARDS

- Kenisha Johnson (supervisor and co-author, Yingru Li), Undergraduate Paper Competition Award. Regional Development and Planning Specialty Group, Association of American Geographers. Apr. 7, 2017. Boston, MA.
- Travel award from the Race, Ethnicity, and Place Conference. Kent, OH. September, 2016.
- Faculty Superhero, Department of Geosciences, Auburn University. 2014.
- Travel Award from COSAM, Auburn University to travel to the Annual Conference of AAG, Los Angeles, CA. 2013.
- Chinese Government Award for Outstanding Students Abroad. Chinese Scholarship Committee. 2012.
- The Best Graduate Student Paper Award. Core periphery inequality in provincial China: A case study of Henan Province. China Geography Specialty Group of AAG. 2012.
- The Best Graduate Student Paper Award. Health care, mortality, and economic transition of China. Regional Development and Planning Specialty Group of AAG. 2011.
- First Prize of Graduate Student Poster Competition. Health care, mortality, and economic transition of China. University of Utah. 2011.
- Travel award, University of Utah, to attend the AAG meeting, Seattle, WA, 2011.
- Travel award, University of Utah, to attend the AAG meeting, Las Vegas, NV, 2009.
- Travel award, UC GSGA, to attend the AAG meeting, Chicago, IL, 2006.
- Travel award, UC GSGA, to attend the AAG meeting, Denver, CO, 2005.
- Excellent member, Henan Branch of China Telecom, 2000-2002.
- First / second / third class scholarships, Shandong University, 1995-1999.

CONFERENCE PRESENTATIONS (*Denotes Student Co-author)

- **Li, Y.** and Ting Du*. 2017. Simulating restaurant choices with agent-based model. Annual Meeting of the AAG. Boston, MA. Apr. 7. (International conference)
- Johnson, K.* and **Li, Y.** 2017. Assessing food environment around public elementary schools in the U.S. Annual Meeting of the AAG. Boston, MA. Apr. 7. (International conference).
- **Li, Y.** and Ting Du*. 2017. Simulating restaurant choices with agent-based model. THATCamp. Orlando, FL. Feb. 25. (Regional conference)
- Johnson, K.* and **Li, Y.** 2017. Assessing food environment around public elementary schools in the U.S. THATCamp. Orlando, FL. Feb. 25. (Regional conference)
- **Li, Y.** 2016. Social Inequalities of Food Environments and Childhood Obesity. The Race, Ethnicity, and Place Conference. Kent, OH. September 23. (National conference)
- **Li, Y.** and Du., T. *, 2016. Social Disparities, Uneven Food Environments, and Childhood Obesity. Annual Meeting of the ASA. Seattle, WA. Aug. 22. (International conference)
- **Li, Y.** and Du., T. *, 2016. Assessment of Multi-level Food Environments and Childhood Obesity. Annual Meeting of the AAG. San Francisco, CA. Apr. 2. (International conference)
- Du, T. * and **Li, Y.**, 2016. What Impact the Hotel Distribution and Performance in Manhattan through History? Evidence of GIS-based Analysis from 1820-2012. Annual Meeting of the AAG. San Francisco, CA. Mar. 30. (International conference)
- **Li, Y.**, L. Robinson, and MW*. Carter. 2015. Social environmental disparities and childhood obesity in Alabama's Black Belt Region. Annual Meeting of the AAG. Chicago, Illinois. Apr. 21. (International conference)
- Li, H.* and **Y. Li.** 2015. Spatial-temporal analysis of heavy metal water pollution and the impact on public health in China. Annual Meeting of the AAG. Chicago, Illinois. Apr. 24. (International conference)
- **Li, Y.** and L. Robinson. 2014. Socioeconomic inequalities of childhood obesity and food environments. Applied Geography Conference. Atlanta, Oct. 16. (National conference)
- Carter, MW.* , **Y. Li**, and LE. Robinson. 2014. Socioeconomic disparities, physical activity environment, and childhood obesity in Alabama's Black Belt region. Applied Geography Conference. Atlanta, Oct. 17. (National conference)
- Du, T.* , **Y. Li.** 2014. A spatial-temporal analysis hotel locations in Manhattan, New York City. Applied Geography Conference. Atlanta, Oct. 16. (National conference)

- **Li, Y.** and H. Li*. 2014. Spatial analysis of heavy metal water pollution in China. The International Conference of Geo-Simulation and Crime Geography. Guangzhou, China. Jul. 4. (International conference)
- **Li, Y.** and L. Robinson. 2014. Childhood obesity and food environment in Alabama's Black Belt Region. Annual Meeting of the AAG. Tampa, Florida. Apr. 11. (International conference)
- **Li, H.*** and **Y. Li.** 2014. Spatial-temporal analysis of heavy metal water pollution in China. Annual Meeting of the AAG. Tampa, Florida. Apr. 10. (International conference)
- **Li, Y.** and T. Wu*. 2013. Residual kriging for spatial prediction of air temperature in the U.S. The 21st Geoinformatics Conference. Kaifeng, China. June 22. (International conference)
- **Li, Y.** 2013. Psychosocial inequality and child obesity. Annual Meeting of the AAG. Los Angeles, CA. Apr. 11. (International conference)

Before 2013

- **Li, Y., YHD. Wei.** 2012. Multidimensional health care inequality in provincial China: A case study of Henan Province. Annual Meeting of the SEDAAG. Asheville, NC. Nov. 19. (Regional conference)
- **Li, Y., YHD. Wei.** 2012. Health care, mortality, and China's transition. The Maps on the Hills Event of Utah Legislative session. Salt Lake City, UT. Feb. 29. (Regional conference)
- **Li, Y., YHD. Wei.** 2012. Core-Periphery inequality in provincial China: A case study of Henan Province. Annual Meeting of the AAG. New York City, NY. Feb. 27. (International conference)
- **Li, Y., YHD. Wei.** 2011. Health care, mortality, and China's transition. Annual Meeting of the AAG. Seattle, WA. April 13. (International conference)
- **Li, Y., YHD. Wei** and XY. Ye. 2009. Beyond convergence: Geographies of regional inequality of China. Annual Meeting of the AAG. Las Vegas, NV. March 25. (International conference)
- **Liu, L.** and **Y. Li.** 2007. Discerning competing and agglomerative effects on retail store performance: an example of Wal-Mart and Kmart stores in Cincinnati. Second Global Conference on Economic Geography. Beijing, China. June 28. (International conference)
- **Li, Y.** and L. Liu. 2006. Agglomeration effects on retail performance: A case study of Wal-Mart and Kmart in the Greater Cincinnati area. Annual Meeting of the AAG. Chicago, IL. March 11. (International conference)
- **Li, Y.** and L. Liu. 2005. A GIS based locational analysis on Wal-Mart and Kmart stores in Cincinnati with modified Huff models. Annual Meeting of the AAG. Denver, CO. April 9. (International conference)

INVITED TALK

- **Li, Y.** 2017. Spatial statistics and case studies in environmental health. Henan University, Kaifeng, China. Dec. 19.
- **Li, Y.** 2016. Social Inequalities of Food Environments and Childhood Obesity. The Race, Ethnicity, and Place Conference. Kent, OH. September 23.
- **Li, Y.** 2016. Spatial Assessment of Heavy Metal Water Pollution and the Risk on Public Health in Transitional China. East China Normal University. Shanghai, China. May 24.
- **Li, Y.** 2015. Does psychosocial stress influence social environmental disparities on southern children's physical activity and weight status? Louisiana State University. Baton Rouge, LA. December 4.
- **Li, Y.** 2015. Social environmental disparities and public health: a GIS analysis. The State University of New York at Binghamton. April 4.
- **Li, Y.** 2015. Social environmental disparities and public health: a GIS analysis. Indiana University of Pennsylvania. March 25.
- **Li, Y.** 2014. Social environmental disparities and public health: a spatio-temporal analysis. University of Miami. December 1.
- **Li, Y.** and L. Robinson. 2014. Socioeconomic disparities, food environment, and childhood obesity. Sun Yat-sen University, Guangzhou, China. July 3.
- **Li, Y.** and T. Wu. 2014. Air temperature estimation with residual kriging. Peking University, Beijing, China. May 23.
- **Li, Y.** and L. Liu. 2013. Retail location and store performance: A comparison of Wal-Mart and Kmart stores. Sun Yat-sen University, Guangzhou, China. July 3.
- **Li, Y.** 2013. Applications of spatial statistics and case study. Henan University, Kaifeng, China. May 27.

TEACHING EXPERIENCE (Teaching evaluation scores)

*Denotes an entirely new course I developed for the university

University of Central Florida

- Spring 2018 Spatial Sociology: Intro GIS (SYA 3352)
- Spring 2018 Advanced Topics in GIS in Society (SYA 6458)
- Spring 2018 Dissertation Research (SYA 7919)

- Fall 2017 Spatial Sociology: Intro GIS (SYA 3352)
- Fall 2017 Direct Independent Research (SYA 7919)
- Spring 2017 GIS in Society (SYA 6356)
- Spring 2017 Undergraduate Internship (SYA 4906)
- Spring 2017 Direct Independent Research (SYA 6908)
- Fall 2016 Special Topic: GIS Applications (SYA 4932)*
- Fall 2016 GIS Applications (SYA 6452)*
- Fall 2016 Directed Independent Study (SYA 3905)
- Spring 2016 Spatial Sociology: Intro GIS (SYA 3930)
- Spring 2016 Directed Independent Research (SYA 4912)
- Spring 2016 Directed Independent Study (SYA 6918)
- Fall 2015 Social Power and Inequality (SYA 3530)

Auburn University

- Spring 2015 GIS Applications (GEOG 5850&6850)
- Fall 2014 Economic Geography (GEOG 5350&6350)
- Fall 2014 Quantitative Analysis and Spatial Analysis (GEOG 5700/6700)
- Spring 2014 Seminar in Geography (GEOG 6970)
- Spring 2014 Quantitative Analysis and Spatial Analysis (GEOG 5700/6700)
- Spring 2014 GIS Applications (GEOG 5850&6850)*
- Fall 2013 Global Geography (GEOG 1010)
- Fall 2013 Economic Geography (GEOG 5350&6350)
- Spring 2013 Quantitative Analysis and Spatial Analysis (GEOG 5700/6700)*
- Spring 2013 Seminar in Geography (GEOG 5970&6970)

- Fall 2012 Economic Geography (GEOG 5350&6350)

University of Nevada, Las Vegas

- Fall 2011 GIS in Public Health (EAB 795)*

University of Cincinnati (Graduate Teaching Assistant)

- Fall 2005 Introduction to Computer Cartography (GEOG 574)
- Spring 2005 Introduction to Geographic Information Systems (GEOG 580)
- Winter 2004 Introduction to Geographic Information Systems (GEOG 580)
- Fall 2004 Introduction to Computer Cartography (GEOG 574)

MENTORING (UCF)

Graduate Student Committee:

- Ting Du (2015-present, Ph.D. student), Department of Sociology, University of Central Florida (Co-chair)
Dissertation: “Understanding the Role of Social Networks in Influencing Physical Activity in Unequal Physical and Social Environments with GIS”
- Matthew Hiesterman (2014-present, Ph.D. student), Department of Sociology, University of Central Florida (Committee member)
Dissertation: “Neglected but Not Forgotten: An Analysis of the Perceptions of Unmet Health Services for Puerto Rican Veterans”
- Sarah Sacra (2015-present, Ph.D. student), Department of Sociology, University of Central Florida (Committee member)
Dissertation: “Domestic Stalking, Violation of Protective Orders, and Homicide in Chicago Neighborhoods: The Influence of Social Disorganization and Gender Inequality”
- Daniel Banini (2015-present, Ph.D. student), Department of Political Science, University of Central Florida (Committee member)
- Nicholas Altizer (2016-present, Master student), Department of Sociology, University of Central Florida (Committee member)
- Rhena South (2015-2017, M.A.), Department of Sociology, University of Central Florida, (Committee member)
Thesis: “Understanding Arson through Community Resilience”

Undergraduate Student Committee:

- Rachel Kinder, 2016—present. Department of Sociology, University of Central Florida. (Committee member)
Thesis: The association between sexuo-economic relation and homicide: An analysis of yearly gross income and homicide. Honors in the Major Thesis.
- Jacqueline Meyer, 2016—present. Department of Biology, University of Central Florida. (Committee member)
Thesis: A Retrospective Study: Modeling *Dendroctonus frontalis* Population Based on Climate and Stand Factors. Honors in the Major Thesis.
- Johnson, Kenisha. 2016-2017. A GIS-based study on food environments surrounding elementary schools in the U.S. Funded by the LEAD Scholars Assistantship Program, University of Central Florida in spring 2016. (Supervisor)
- Restucci, Joseph. Spring, 2016. A GIS-based study on food environments surrounding elementary schools in the U.S. Funded by the LEAD Scholars Assistantship Program, University of Central Florida. (Supervisor)
- Scott, Maria. Spring, 2016. Uneven food environment and childhood obesity. Funded by the LEAD Scholars Assistantship Program, University of Central Florida. (Supervisor)

Students' Research Presentations

- **Kenisha Johnson** and Li, Y. 2017. Assessing Food Environment around Public Elementary Shools in the U.S. Annual Meeting of the AAG. Boston, MA. Apr. 7. (Undergraduate student)
- Li, Y. and **Ting Du**. 2017. Simulating restaurant choices with agent-based model. THATCamp. Orlando, FL. Feb. 25. (Ph.D. student)
- **Johnson, K.** and Li, Y. 2017. Assessing food environment around public elementary schools in the U.S. THATCamp. Orlando, FL. Feb. 25. (Undergraduate student)
- **Ting Du** and Li, Y., 2016. What Impact the Hotel Distribution and Performance in Manhattan through History? Evidence of GIS-based Analysis from 1820-2012. Annual Meeting of the AAG. San Francisco, CA. Mar. 30. (Ph.D. student)
- **Kenisha Johnson** and **Maria Scott**. 2016. Assessing the Food Environment around Elementary Schools in the U.S. with GIS Analysis. Showcase of Undergraduate Research. University of Central Florida. Orlando, FL. Apr. 5. (Undergraduate students)

Undergraduate Student Advising

- 38 students (Department of Sociology, University of Central Florida, 2016-present)

MENTORING (Auburn University)

Graduate Student Committee (Committee Chair):

- William M. Carter (M.S.), Aug. 2013 – May 2015, Department of Geosciences, Auburn University
“Socioeconomic Disparities, Community Physical Environment, and Childhood Obesity in Alabama’s Black Belt Region”
- Huixuan Li (M.S.), Aug. 2013 – May 2015, Department of Geosciences, Auburn University
“Spatial-Temporal Analysis of Heavy Metal Water Pollution and the Impact on Public Health in China”
- Ting Du (M.S.), Aug. 2013 – Aug. 2015, Department of Geosciences, Auburn University
“A GIS-based Analysis of the Hotel Locations Choice in Manhattan, New York, 1820-2012”

Graduate Student Committees (Committee Member):

- Althea ArchMiller (Ph.D., School of Forestry and Wildlife Sciences, Auburn University, 2015)
- Chris Smith (MS, Department of Geosciences, Auburn University, 2015)
- Brian Johnson (MS, Department of Geosciences, Auburn University, 2015)
- Brian Norris (MS, Department of Geosciences, Auburn University, 2015)
- Jeff Caudill (MS, Department of Geosciences, Auburn University, 2014)
- Kelly Ervin (MS, Department of Geosciences, Auburn University, 2014)
- Andy Hug (MS, Department of Geosciences, Auburn University, 2014)
- Holly Pak (MS, Department of Geosciences, Auburn University, 2014)
- Mahjabin Rahman (MS, Department of Geosciences, Auburn University, 2014)
- Drew Tunner (MS, Department of Geosciences, Auburn University, 2013)

Undergraduate student

- 10 students (Department of Geoscience, Auburn University, 2013-2015)

SERVICE

Department

- Library representative, Department of Sociology, University of Central Florida, 2017-present
- Committee member, Medical Sociology Program. Department of Sociology, University of Central Florida, 2017-present
- Committee member, Undergraduate Committee. Department of Sociology, University of Central Florida, 2016-present
- Committee member, Area exam committee (Inequality). Department of Sociology, University of Central Florida, 2017- present
- Search committee member, Lecturer in Sociology. Department of Sociology, University of Central Florida, 2015-2016
- Co-Chair, Seminar Series Committee, Department of Geosciences, Auburn University, 2012 to 2015.
- Committee member, Department Curriculum Committee, Department of Geosciences, Auburn University, 2013 to 2015.
- Committee member, Geography Curriculum Committee. Department of Geosciences, Auburn University, 2013 to 2015.

College and University

- Co-Lead with Dr. Scott Branting and Dr. Tim Hawthorne, University of Central Florida GIS Cluster Initiative.
- Reviewer, UCF Undergraduate Research Journal. University of Central Florida. Nov. 2016.
- Initiated the GIS Speakers Series and invited the first speaker (Dr. Fahui Wang), April 19-20, 2016.
- Proposing and developing the Graduate and Undergraduate GIS Certificate Programs. August 2015—present
- Establishing the GIS lab in Research Park. August 2015—present
- Served as a judge of Graduate Research Forum. April 5, 2016
- Reviewer, Auburn University Journal of Undergraduate Scholarship, Auburn University, October, 2012.

Professional Services

- Editorial board member, *Journal of Forensic and Crime Studies*, 2016-present.
- Editorial board member, *Today Science*, 2012-2015.
- Director of Developed Countries Program, Regional Planning and Development Specialty Group, Association of American Geographers, 2016-present.
- Coordinator, Business Geography Specialty Group, Association of American Geographers, 2016-2017.
- Organized a paper session for the AAG Annual Conference held in Boston, MA. Apr. 9, 2017. Socioeconomic inequalities and public health.
- Chaired a paper session for the AAG Annual Conference held in Boston, MA. Apr. 7, 2017.
- Co-organized and chaired a paper session for the Applied Geography Conference held in Atlanta, GA, Oct. 14-17, 2014.
- Chaired a paper session for the AAG Annual Conference held in Tampa, FL, Apr. 8-12, 2014.
- Co-organized/chaired a paper session for the 21st Geoinformatics Conference held in Kaifeng, China. June 20-22, 2013.
- Chair of Developing Countries Program, Regional Planning and Development Specialty Group, Association of American Geographers, 2012-2015.
- Newsletter Editorial Committee, Center for Spatial Information Science and Systems, Chinese Professors of GIS 2011.
- Student Representative, Regional Planning and Development Specialty Group, Association of American Geographers, 2011-2012.
- CPGIS Newsletter Editorial Committee, Center for Spatial Information Science and Systems, 2010-2011.
- Secretary for the International Conference on Globalization, Innovation, and Urban-Regional Development, Shanghai, China, 2009.

Journal Referee:

- Annals of Association of American Geographers (2015)
- Applied Geography (6) (2013-2017)

- American Journal of Preventive Medicine (2016, 2017)
- Auburn University Journal of Undergraduate Scholarship (2012)
- Annals of Geographic Information Systems (2015-2016)
- Climate Research (2) (2015)
- Environment and Planning A (2) (2013, 2017)
- GeoJournal (2012-2016)
- GeoForum (2016)
- Geographical Research (2017)
- Habitat International (2014)
- Health Sociology Review (2016)
- Human Ecology Review (2)
- International Journal of Geo-Information (2015-2016)
- International Journal of Sociology and Anthropology (2013)
- Journal of Applied Geography (3) (2013-2014)
- Journal of Forensic and Crime Studies (2017)
- Journal of Moravian Geographical Reports (2013)
- Natural Hazards (2014)
- Regional Study (2010)
- South African Geographical Journal (2015)
- Stochastic Environmental Research and Risk Assessment (2) (2014)
- Tijdschrift voor economische en sociale geografie (3) (2014-2017)
- Today Science (5) (2013-2015)
- Universal Journal of Marketing and Business Research (2012)

Community Service

- Participated in the project of Youth Food Insecurity, Orlando, FL, 2016-2017.
- Participating in the project of Age Friendly Communities and provided services for aging people, Winter Park, FL, 2015-2017.
- STEM Day: The Geospatial Avengers: The Power of Geospatial Technologies and Mapping in Society. November 6, 2015
- Judge, Alabama Science and Engineering Fair, March, 2015
- Judge, Alabama Science and Engineering Fair, March, 2013

PROFESSIONAL DEVELOPMENT (Selected)

- The National Science Foundation site visit. University of Central Florida. D.C. Feb. 23-25, 2017.
- Completed the IDL 6543. Spring, 2016. University of Central Florida.

- Attended the Summer Faculty Development Conference, May, 2016, University of Central Florida.
- Attended the NIH regional workshop, 5/11 – 5/13, 2016, Baltimore, MD.
- Attended the NSF workshop, 3/30 – 3/31, 2016, San Francisco, CA.
- Assistant Professor Development Program. 2015-2016. University of Central Florida.
- NSF IUSE Program Webinar. University of Central Florida. September 21, 2015.
- Attended NFTS (New Faculty Teaching Scholars, 1 year program) organized by Biggio Center, Auburn University. Fall 2012-Spring 2013.
- Selected to attend the Grantsmanship workshop, Auburn University, Apr. 3-4, 2013.
- Evaluation of Teaching by Small Group Instruction Feedback (SGIF) for Economic Geography (GEOG 5350/6350) organized by the Biggio Center, Auburn University (Fall 2012).
- Attended a seminar on ‘Building your career portfolio’ organized by Biggio Center, Auburn University, (Fall 2012).

PROFESSIONAL MEMBERSHIPS

- Association of American Geographers (AAG)
- American Sociological Association (ASA)
- AAG Specialty Groups: Health & Medical Geography, GIS, Regional Development and Planning, China, Asian Geography, Business Geography
- International Association of Chinese Professionals in Geographic Information Sciences (CPGIS)
- Regional Studies Association (RSA)