**Junjun Yin, Ph.D.**

Population Research Institute, Social Science Research Institute, The Pennsylvania State University, State College, PA, 16801, USA

**A. PROFESSIONAL PREPARATION**

Univ. of Illinois at Urbana-Champaign Geographic Information Science Postdoctoral 2016

Dublin Institute of Technology Spatial Information Science Ph.D. 2013

Univ. of Gävle Geoinformatics M.S. 2009

Univ. of Electronic Sci. & Tech. of China Electronics & Engineering B.S. 2006

**B. APPOINTMENTS**

Pennsylvania State University (2016–present)

Research Associate, the Computational and Spatial Analysis Core of the Population Research Institute, Social Science Research Institute

University of Illinois at Urbana-Champaign (2014–2016)

Postdoctoral Research Associate, Department of Geography and Geographic Information Science;

CyberGIS Center for Advanced Digital and Spatial Studies; National Center for Supercomputing Applications

**C. SELECTED RELEVANT PUBLICATIONS (from 10 peer-reviewed journal articles)**

Yin, J., Soliman, A., Yin, D. and Wang, S. 2017. Delineate urban boundaries in Great Britain from the network of large scale Twitter user spatial interactions. *International Journal of Geographical Information Science*, pp. 1-21, DOI: 10.1080/13658816.2017.1282615

Yin, J., Gao, Y., Du, Z. and Wang, S. 2016. Exploring Multi-Scale Spatiotemporal Twitter User Mobility Patterns with a Visual-Analytics Approach. *ISPRS International Journal of Geo-Information*, 5(10):187.

Jiang, B., Yin, J. and Liu, Q. 2015. Zipf’s Law for All the Natural Cities around the World. *International Journal of Geographical Information Science*, 29(3), pp. 498-522

Jiang, B., Yin, J. and Zhao, S., 2009. Characterizing the human mobility pattern in a large street network. *Physical Review E*, 80(2), p.021136.

**D. Ongoing Research Projects**

PI. "A cloud computing enabled GIS platform for the integration and synthesis of multi-layer geospatial data sources in urban studies: Understanding urban dynamics from geospatial Big Data". Microsoft Azure Data Science Research Award, $20,000. Project dates: 12/04/2016—12/03/2017.

Co-PI. “Ecological Migration in a Large-Scale Quasi-Experiment Design in China: Implications of Climate Change, Landscape Structure, Ecosystem Services and Government Intervention”. IEEE Seed Grant Program, $25,000. Project dates: 04/15/2017—06/30-2018

PI. “Mining Twitter User Demographics as a First-Step in Big Data for Population Research”. XSEDE (Extreme Science and Engineering Discovery Environment) Startup computational resource allocation award, $2,794.78 (50,000 SUs). Project dates: 03/27/2017—03/26-2018