

From: Jianguo "Jack" Liu
Subject: Ph.D. Assistantships/Fellowships

Ph.D. Assistantships/Fellowships

Ph.D. assistantships/fellowships are available for outstanding self-motivated students to conduct innovative and high-impact research and pursue doctoral degrees at the Center for Systems Integration and Sustainability (CSIS) at Michigan State University (<http://csis.msu.edu>).

Research topics may include sustainability science, coupled human and natural systems, biodiversity conservation, ecosystem services, human well-being, land change science, forest and landscape ecology, global change, systems integration (integration of ecology with demography, economics, sociology, technology, and policy; integration of land, water, and/or energy such as food-energy-water nexus), wildlife ecology and conservation (e.g., giant pandas in China and polar bears in Alaska), systems modeling and simulation (e.g., agent-based modeling), and telecoupling (socioeconomic and environmental interactions over distances, through means such as globalization, human and animal migration, species dispersal, species invasion, disease spread, spread of pollutants and wastes, trade of goods and products, flows of ecosystem services, environmental and hydrological flows, foreign investment, technology transfer, water transfer, and tourism, telecoupling.org). Papers on these topics by CSIS faculty and students have been published in journals such as Science, Nature, and PNAS (see <http://csis.msu.edu/research/publications>).

With flexible start dates (e.g., summer or fall of 2017), successful candidates can build on these previous studies and explore new frontiers of research.

Application materials include: (1) letter of application, (2) statement of professional goals, (3) CV or resume, (4) transcripts, (5) GRE scores, (6) TOEFL scores (for non-native English speakers only), (7) list of 3-4 references (names and contact information), and (8) up to three representative publications if any. Unofficial copies of GRE, TOEFL and transcripts are OK initially.

Applicants are encouraged to submit their application materials as soon as possible, or until the positions are filled. Applications and questions about these opportunities can also be emailed to:

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