

## POSTDOCTORAL FELLOW IN THE AREA OF COMPLEX ADAPTIVE SYSTEMS AND REGIONAL ECONOMIC GROWTH

The Indiana Business Research Center at the Kelley School of Business, Indiana University, seeks applications for a one-year post-doc position with a possibility of a January 1, 2020 start. The candidate will be responsible for conducting research that will contribute both to the disciplines associated with regional science as well as to the regional economic development project currently funded by the Economic Development Administration at the Department of Commerce.

Regional economies are complex adaptive systems governed by networks of interdependencies, and have non-linear dynamics and trade-off attributes. The incumbent's research will explore one key tradeoff in particular –economic efficiency and economic resilience. While the research portfolio will be dominated by work applying a complex adaptive systems framework to model different regional sub-systems – particularly the entrepreneurial ecosystem – the candidate will also research how regions grow, adapt to shocks and respond to information and incentives. The empirical research portfolio will include several regional science disciplines, including entrepreneurship, economic resilience, inclusive growth, access to financial capital together with the determinants of poverty including the roles of automation and global competition, and the interdependence of rural and urban areas.

**Qualifications:** A PhD in a relevant field -- such as economics, regional science, regional planning or data science with a strong background in economics -- is required at the start of the appointment. The candidate will have extensive training in state-of-the-art economics or a related field and econometric analysis, including spatial statistics, as well as excellent communications and writing skills. Candidates with experience or training in complex adaptive systems are at an advantage. In addition, he or she will have extensive experience with a variety of statistical packages. The candidate needs to be able to both work well independently and also to function effectively in a team setting.

The Kelley School of Business, one of the nation's premier business schools, is based on Indiana University campuses in Bloomington and Indianapolis. Founded in 1925, the Indiana Business Research Center is the state's leading provider of economic and demographic data and analysis. The center has won numerous awards for its informative publications and websites. More information about the IBRC may be found at [www.ibrc.indiana.edu](http://www.ibrc.indiana.edu).

Interested candidates should review the application requirements and submit their application at <http://indiana.peopleadmin.com/postings/8318>. Direct any questions to Jacob Seibel, Indiana Business Research Center, 1309 East Tenth Street, Bloomington, IN 47405 or [ibrbc@indiana.edu](mailto:ibrbc@indiana.edu). Applications received before November 1, 2019 will be given full consideration; however, applications will be accepted until the position is filled. Indiana University is an equal employment and affirmative action employer and a provider of ADA services. All qualified applicants will receive consideration for employment without regard to age, ethnicity, color, race, religion, sex, sexual orientation, gender identity or expression, genetic information, marital status, national origin, disability status or protected veteran status.