

## Collaborative Trends in the Biomedical Sciences: Facilitators, and Outcomes for Academic Researchers

Collaboration among university researchers is examined to understand how specific characteristics of networking associate with research outcomes, innovation, and academic entrepreneurship. A related goal of the study is to analyze outcomes of different types of collaboration of academic researchers with industry partners. The analysis is based on data collected from a survey of researchers in the Buffalo Niagara Medical Campus, which includes three institutions of national and international reputation. The results indicate varying outcomes of collaboration which are local compared to collaborations which are with research partners located in other parts of the country. The role of outside partners in entrepreneurial activity of local researchers may be indicative of regional issues such as absorptive capacity. Industry funding is not common but effective, that is, researchers with industry funding note innovation and entrepreneurship as outcomes. Academic leadership is a predictor of industry funding; barriers are noted to be personal interest as well as the possession of appropriate intellectual property and knowhow. While some findings confirm hypotheses developed from the literature, other findings contradict expectations and open up avenues for further research.