Hannah Highlander* (highland@up.edu) and Olcay Akman (oakman@ilstu.edu). A model for cross-institutional collaboration: how the intercollegiate biomathematics alliance (IBA) is pioneering a new paradigm in response to diminishing resources in academia.

We present an emerging model of shared academic, intellectual and infrastructure resources that addresses the need for institutions to sustain their educational and scholarship missions under ever-declining funding. The IBA was created in 2014 in Illinois, eventually growing to a state-recognized ‘Center for Collaborative Studies’ in 2017. As the impact of the IBA continues to expand, it is on its way to become a new education paradigm in response to diminishing resources, and it can serve as a model to foster collaboration for other fields of mathematics. Here we will share the benefits of being a part of this academic consortium. (Received September 25, 2018)