## Resources on Interdisciplinary Research and Collaboration

Association for Integrative Studies: https://oakland.edu/ais

Borrego M, Cutler S. Constructive alignment of interdisciplinary graduate curriculum in engineering and science: An analysis of successful IGERT proposals. 2010. Journal of Engineering Education 99(4):355-369.

Borrego M, Newswander L. Definitions of interdisciplinary research: Toward graduate-level interdisciplinary learning outcomes. 2010. The Review of Higher Education 34(1):61-84.

Campbell L. Overcoming obstacles to interdisciplinary research. 2005. Conservation Biology 19(2):574-577.

Klein JT. 2006. Resources for interdisciplinary studies. Change: The Magazine for Higher Learning 38(2):52-58.

Lattuca LR, Knight DB, Ro HK, Novoselich BJ. 2017. Supporting the development of engineers' interdisciplinary competence. Journal of Engineering Education 106(1):71-97.

National Academies of Sciences, Engineering, and Medicine. 2016. A Vision for the Future of Center-Based Multidisciplinary Engineering Research: Proceedings of a Symposium. Washington, DC: The National Academies Press.

National Academy of Sciences, National Academy of Engineering, and Institute of Medicine. 2005. Facilitating Interdisciplinary Research. Washington, DC: The National Academies Press.

National Research Council. 2005. Catalyzing Inquiry at the Interface of Computing and Biology. Washington, DC: The National Academies Press.

Porter AL, Roessner DJ, Heberger AE. 2008. How interdisciplinary is a given body of research? Research Education 17(4): 273-282.

Porter AL, Roessner JD, Cohen AS, Perreault M. 2006. Interdisciplinary research: Meaning, metrics and nurture. Research Evaluation 15(3):187-195.

Rhoten D, Pfirman S. 2007. Women in interdisciplinary science: Exploring preferences and consequences. Research Policy 36(1):56-75.

Wagner CS, Roessner JD, Bobb K, Klein J, Boyack KW, Keyton J, Rafois I, Börner K. 2011. Approaches to understanding and measuring interdisciplinary scientific research (IDR): A review of the literature. Journal of Informetrics 5(1):14-26.