

Analyzing Collaboration Using Harvard Catalyst Profiles

Griffin M Weber, MD, PhD
weber@hms.harvard.edu

Abstract

Harvard Catalyst Profiles (<http://profiles.catalyst.harvard.edu>) is an open source website that creates research profiles for an institution's faculty. It links these profiles together through both Passive Networks, which are automatically generated based on information known about investigators, and Active Networks, which users themselves create by indicating their relationships to other researchers. These networks have numerous applications, ranging from finding individual collaborators and mentors to understanding the dynamics of an entire research community. This presentation will describe Harvard Catalyst Profiles and its ability to connect people within an organization and across institutions.

Biosketch

Dr. Griffin Weber is the Chief Technology Officer of Harvard Medical School and an Assistant Professor of Medicine in the Department of Medicine at Beth Israel Deaconess Medical Center in Boston, Massachusetts. He invented the Harvard Catalyst Profiles website, and his research is in the area of expertise mining and social network analysis. Dr. Weber is also an investigator on Informatics for Integrating Biology and the Bedside (i2b2), an NIH National Center for Biomedical Computing, for which he helped develop a web-based open source platform for querying and analyzing clinical data repositories. Dr. Weber received his MD and PhD in computer science from Harvard University and has worked on numerous biomedical informatics projects, such as analyzing DNA microarrays, modeling the growth of breast cancer tumors, developing algorithms to predict life expectancy, and building a medical education web portal.