Team Science Can Win More Grants

Using data and analytics to find subject matter experts and build more competitive teams

Current Landscape

Over the past two decades, the nature of research has changed. The days of single Principal Investigators winning grants are giving way to team science. Teams composed of subject matter experts from multiple disciplines conduct better research and are more likely to win grants. This is especially true for research on complex problems such as climate change, which require a diverse team with broad and deep knowledge of a range of topics. The future is clear: team science will be an increasingly important part of every institution's research profile.

Institutional Challenges

While the benefits of team science are clear, the process of forming strong teams is not. Institutions large and small continue to operate in silos. As a result, research teams are often still formed by "calling around" to find subject matter experts. Such a process is haphazard and time consuming at best.

Faculty members and administrators want better, faster ways to form outstanding teams. To ensure that institutions capitalize on the increased grant opportunities awarded to teams, scholars must be able to:

- Quickly identify the best subject matter experts in a particular area, based on scholarly data.

- Create expert teams across campus and from institutions across the country.

- Pair experienced faculty with junior faculty to build a strong, ongoing research enterprise.

Research Insight: Bringing Together Successful Teams

Research Insight — a new tool in Academic Analytics' Discovery Suite — provides data-driven intelligence to help researchers and administrators identify and bring together subject matter experts by searching beyond department, program, or even institutional boundaries to quickly and easily form strong research teams.

Using Research Insight's advanced search features, users have access to scholarly data that can reduce the effort to:

- Locate a subject matter expert, regardless of where they reside within (or outside of) an institution.

- Field the strongest team and eliminate duplicative entries for limited submission grants.

- Identify the best external partners for a sought-after avenue of research.

- Improve the quality of research by selecting optimal team candidates.

- Leverage existing connections and collaborations among faculty, agencies, and institutions.

- Connect individuals or teams who have particular expertise with departments that have facilities necessary for the research at hand.

Learn how Research Insight can help your institution target and win more funding opportunities. Contact us at info@academicanalytics.com.