

## DISCIPLINE FastF

of all articles discipline

In the last four years of publishing data in the **Academic Analytics** database, of the hundreds of journal titles in which scholars who study Biomedical Engineering publish, the *PLoS ONE* occupies the top spot.

Collaborative research between faculty in Biomedical Engineering accounts for 13.8% of al co-authored journal publications.

**13.8**%

150

Biomedical Engineering scholars conduct extensive collaborative research with faculty in over 150 separate disciplines.

Biomedical Engineering journa Academic Analytics database (2015-2018 inclusive)

97.3%

Collaborations with other disciplines most often involves researchers in Agricultural/ Biological Engineering and Bioengineering where they account for 5% of all co-authored journal publications. The next frequent collaborative field, Mechanical Engineering, accounts for 4% of all co-authored journal publications in BIOMEDICAL ENGINEERING. Do you know who are the top potential collaborators in these fields that best complement your research and where they are located?

Data from the **Academic Analytics** database indicate that



of **BIOMEDICAL ENGINEERING** faculty currently receive federal funding.



The top source of federal funding for Biomedical Engineering is the National Institutes of Health with 71.5% of captured funding for the past five years.



The National Science Foundation is second with 21.2% of captured funding for the same time period.

Since **Academic Analytics** uses the individual researcher as the unit of record, we can look across all faculty in a discipline to view their current rank and the years since their most advanced degree.

**FULL** 

**ASSOCIATE** 

**ASSISTANT** professor







Average academic ages (years since their most advanced degree) of Biomedical Engineering scholars

> Percent of faculty ranks within the national discipline







How does the distribution of faculty in your department compare to the national averages, and what are the implications for planning?

Research Insight from Academic Analytics can help answer that.

individuals in the Academic Analytics database who are affiliated with Biomedical Engineering departments.

Of the faculty population for whom we can infer gender





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According to the data captured in the Academic Analytics database, 48.9% of Biomedical Engineering faculty have received a national honorific award. The American Institute for Medical and Biological Engineering provides the most honorific awards for the discipline, accounting for 18% of recorded awards. Of the faculty population for whom we have been able to identify gender, the distribution of awards granted by the American Institute for Medical and Biological Engineering is 80.4% of awards going to male scholars and

19.6% going to female scholars