

DISCIPLINE FastFa

from Academic Analytics

of all articles published

In the last four years of publishing data in the Academic Analytics database, of the hundreds of journal titles in which Mathematicians publish, Advances in Mathematics is the journal title where scholars publish the most.

Collaborative research among faculty in Mathematics accounts for 40.6% of all co-authored Mathematics journal publications

40.6%



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

In all, collaborative research inside and outside the discipline accounts for 87% of the Mathematics journal articles captured in the Academic Analytics database (2015-2018 inclusive).

87%

Collaborations with other disciplines most often involves researchers in Statistics which results in 7.2% of all co-authored publications in the discipline. The next two most frequent disciplines are Computer Science and Applied Mathematics with 4.7% and 3.3% of all co-authored publications, respectively. 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 MATHEMATICS faculty currently receive federal funding.

The top source of federal funding for Mathematics is the **National** Science Foundation with 92.8% of captured funding over the past nine years. Completing the top four sources are the National Institutes of Health, the Office of Naval Research, and the Department of Energy.

Each year mathematicians are recognized for their contributions to knowledge by organizations such as the American Academy of Arts and Sciences, the John Simon Guggenheim Memorial Foundation, the American Association for the Advancement of Science, and the National Academy of Science.

There are individuals in the **Academic Analytics** database who are affiliated with Mathematics departments. Of the faculty population for whom we can infer gender MALE **FEMALE**

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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.

ASSOCIATE

ASSISTANT professor



20.3



Average academic ages (years since their most advanced degree) of Mathematicians nationally

> Percent of faculty ranks within the national discipline



24.5%



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.



According to the data captured in Academic Analytics database, 37.5% of Mathematics faculty have received an honorific award. Simons Foundation and the American Mathematical Society are the two largest sources of honorific awards for the discipline, providing 16.1% and 15.2% of the total awards for the discipline, respectively. Of the faculty population for whom we have been able to identify gender, 81.5% of the Simons Foundation awards went to male scholars and 18.5% went to female scholars; 88.5% of AMS awards went to male scholars and 11.5% went to female scholars.