

DISCIPLINE FastFacts

from Academic Analytics

6.7%
of all articles published in the discipline

In the last four years, of the thousands of journal titles in which physicists publish, the journal *Physical Review B* occupies the top spot.

Collaborative research among faculty in Physics accounts for **54.9%** of all co-authored Physics publications.

54.9%

110
Disciplines

Nearly all research in Physics is collaborative. Physics researchers collaborate with faculty in over **110** Disciplines.

95.9% of the Physics journal articles in the Academic Analytics database (2014-2017 inclusive) were published by multiple authors.

95.9%

Collaboration with other disciplines is most often seen between physicists and researchers in Astronomy and Astrophysics which produces **24%** of all co-authored **PHYSICS** journal publications. The next two frequent collaborative disciplines are Chemistry and Electrical Engineering which account for **2.1%** and **1.6%** of all co-authored Physics journal publications respectively. Do you know who are the top potential collaborators in Physics that best complement your research and where they are located?

Data from the Academic Analytics database indicate that

49.1%

of Physics faculty currently receive federal funding.

43.9%

The **National Science Foundation** accounts for **43.9%** of all captured funding for the discipline.

\$19 MILLION

The **Department of Education** accounts for more than **19 million dollars** in total funding with its Graduate Assistance in Areas of National Need (GAAN) grants.

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
professor

ASSOCIATE
professor

ASSISTANT
professor

33.4
YEARS

20.5
YEARS

11.2
YEARS

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

Percent of faculty ranks within the national discipline

60.4%

20.7%

18.9%

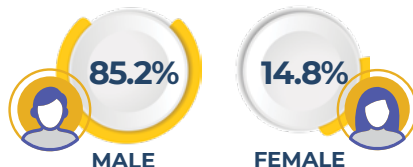
How does the distribution of faculty in your department compare to the national averages, and what are the implications for planning?

Research Insight from Academic Analytics can help answer that.

There are
6,014

individuals in the **Academic Analytics** database who are affiliated with Physics departments.

Of the faculty population for whom we can infer gender



According to the data captured in the **Academic Analytics** database, **52.5%** of all Physics faculty captured by Academic Analytics have received an honorific award. The American Physical Society provides **20.2%** of those awards. Of the faculty population for whom we have been able to identify gender, the recipients of awards presented by the American Physical Society recorded in the Academic Analytics database were **88.4%** male and **11.6%** female.