

DISCIPLINE FastFacts

from Academic Analytics

1.4%

of all articles published in the discipline

In the last four years of publishing data in the Academic Analytics database, of the hundreds of journal titles in which Computer Scientists publish, *PLOS ONE* occupies the top spot.

Collaborative research between faculty in Computer Science accounts for 28% of all co-authored Computer Science journal publications.

28%

160

Disciplines

Computer Science scholars conduct extensive collaborative research with faculty in over 160 separate disciplines.

In all, collaborative research inside and outside the discipline accounts for 95.9% of the Computer Science journal articles captured in the Academic Analytics database (2015-2018 inclusive).

95.9%

Collaboration with other disciplines most often involves researchers in Electrical Engineering, Computer Engineering and Information Science/Information Studies. Collaborations between **COMPUTER SCIENCE** and Electrical Engineering faculty produced **11.6%** of co-authored Computer Science journal articles. Collaborations between Computer Science faculty and Computer Engineering and Information Science/Information Studies researchers accounted for **10.61%** and **2.61%** of co-authored Computer Science journal 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

49.6%

of COMPUTER SCIENCE faculty currently receive federal funding.



85.4%

The top source of funding for Computer Science is the **National Science Foundation** accounting for **85.4%** of all captured funding over the past nine years.

The **National Institutes of Health**, the **Office of Naval Research**, and **National Aeronautics and Space Administration** complete the top four sources of funding.

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

29 YEARS

19.3 YEARS

7.9 YEARS

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

Percent of faculty ranks within the national discipline

47.9%

26.9%

25.2%

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
6,321
individuals in the **Academic Analytics** database who are affiliated with Computer Science departments.

Of the faculty population for whom we can infer gender

83%
MALE

17%
FEMALE

According to the data captured in the **Academic Analytics** database, **50%** of all Computer Science faculty have received an honorific award. The Association for Computing Machinery has provided a total of 1,321 awards to members of the discipline. Of the faculty population for whom we have been able to identify gender, **82.6%** were to male scholars; **17.4%** were to female scholars. Emphasizing the strong relationship between Computer Science and Electrical Engineering, the Institute for Electrical and Electronics Engineers (IEEE) and its chapters have provided 984 awards to computer scientists. The distribution of awards is **84.2%** of awards went to male scholars and **15.8%** went to female scholars.