

## DISCIPLINE FastFacts

from Academic Analytics

1.9% 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 Chemical Engineering scholars publish, ACS Applied Materials is the journal title where scholars publish the most.

Collaborative research among faculty in Chemical Engineering accounts for 17.2% of all co-authored Chemical Engineering journal publications.

**17.2**%



Chemical Engineering exhibits a very high level of collaborative research, conducting collaborative research with faculty in over 155 separate disciplines. In all, collaborative research inside and outside the discipline accounts for 98.5% of the Chemical Engineering journa articles captured in the Academic Analytics database (2015-2018 inclusive)

98.5%

Collaborations with other disciplines most often involve researchers in Chemistry where they account for 10.2% of all co-authored journal publications. The next frequent collaborative field, Agricultural/Biological Engineering and Bioengineering, accounts for 7.7% of the total co-authored journal publications for Chemical 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

**67**%

of CHEMICAL ENGINEERING faculty currently receive federal funding. (Grants received 2014-2018 inclusive.)



**23**%

The top two sources of federal funding for Chemical Engineering are the **National Science Foundation** and the **National Institutes of Health** providing **56%** and **23%** of captured funding, respectively for the past five years.

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 professo **ASSOCIATE** professor

**ASSISTANT** professor



14 YEARS



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

Percent of faculty ranks within the national discipline



22%



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 Chemical 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, 57% of Chemical Engineering faculty have received a national honorific award. The American Institute of Chemical Engineers provides the most honorific awards for the discipline, accounting for 13% of all recorded awards. Of the faculty population for whom we can infer gender, the distribution of awards granted by the American Institute of Chemical Engineers is 89% of awards going to male scholars and 11% going to female scholars.