

## **Academic Analytics Research Center (AARC) list of available data elements**

*Last updated: August 1, 2021*

Each of the sections below represents a unique data table, delivered as a CSV file. The individual person is the unit of record for our dataset, and each person has a unique ID number “PersonId” that is used to link a scholar to their matched works. Scholarly works are matched to individuals through manual match validation augmented by algorithmically produced likelihood scores to aid the manual validation process.

For each academic year starting Fall 2010 / Spring 2011:

1. List of all Ph.D. granting universities in the United States (~390 institutions). Each institution has a unique ID number. We also have a crosswalk to IPEDS ID
2. Complete list of Ph.D. programs at each of the Ph.D. granting institution in the United States. Each program has a unique ID number
3. The names of tenured/tenure track faculty members in all Ph.D. programs. Each person has a unique ID number “PersonId”
4. Complete lists of departments for more than 200 of the largest institutions; partially complete lists of departments for smaller institutions; in both cases, the faculty list for the departments we do have is complete and up-to-date. Each department has a unique ID number
5. The names of tenured/tenure track faculty members in each department we cover (see #3 above), including their unique PersonId
6. Year of Ph.D. (or other terminal degree – MFA, MBA, etc.) for most scholars.
7. Institution where terminal degree was earned for most scholars
8. Gender of each scholar algorithmically inferred (male, female, or unknown)
9. Professorial rank of most scholars (Assistant, Associate, or Full Professor; other titles are captured as well)

Journal articles, conference proceedings, and citations counts for journal articles and conference proceedings (articles/proceedings available from 2005-present):

1. DOI (we use the DOI as the unique ID for each article/proceeding)
2. Journal title/proceeding title (see attached list of journals and proceedings covered)
3. Journal ISSN/EISSN
4. Article title
5. Article volume/issue/page numbers
6. Article year of publication
7. Number of citations to that article/proceeding (updated regularly)
8. Article author(s) including “PersonId” for scholars in the Academic Analytics database; PersonId is used to link each article/proceeding to the author

Book publications (2000-Present):

1. Book title
2. Book publisher (see attached list of book publishers included)
3. ISBN
4. ISBN-13
5. Publication year
6. Book author(s) including “PersonId” for scholars in the Academic Analytics database; PersonId is used to link each book to the author

Federal research grants (2005-present; includes grants from 13 federal agencies, the American Heart Association, and the American Lung Association):

1. Granting agency name
2. Granting agency unique ID number
3. Grant ID (Academic Analytics unique ID number to track this grant)
4. Agency Grant ID (the grant ID number according to the granting agency)
5. Name/Title of the research grant
6. Total dollars awarded
7. Dollars per year awarded
8. Grant start date
9. Grant end date
10. PersonId for each PI in the Academic Analytics database. PersonId is used to link each grant to its PI in the faculty database

Honorific awards (time frame varies by award):

1. More than 10,000 individual honors – see the attached list of awards
2. Name of award governing society (e.g., “American Psychological Association”)
3. Academic Analytics unique ID for the governing society
4. Name of the specific award (e.g., “E. L. Thorndike Career Achievement Award”)
5. Academic Analytics unique ID for the specific award
6. Year the award was won
7. Name and PersonId of the award winner. PersonId is used to link each award to the scholar in the faculty lists

USPTO patents:

1. USPTO Patent number
2. Patent title
3. Patent Type
4. Patent Type ID
5. Patent Kind
6. Patent Kind ID
7. Patent granted date
8. Patent granted year
9. USPTO Inventor ID
10. Assignees
11. Inventors
12. PersonId for inventors who are in the Academic Analytics faculty database. PersonId is used to link each patent to the scholar in the faculty lists