AARC

Academic Analytics Research Center

ACADEMIC ANALYTICS

Request for Proposal: A SCHOLARLY RESEARCH PROJECT USING ACADEMIC ANALYTICS DATA

Issued by: Academic Analytics Research Center (AARC)

Announcement Date: January 21, 2020

Proposals due: ~~*March 23, 2020*~~ *Extended to April 20, 2020 to accommodate changes due to COVID-19*

Point of contact for any questions and to whom proposal packages should be emailed:

Email: aarc@academicanalytics.com (please include "2020 AARC Call for Proposals" in the subject line).

Contact information for the AARC Director:

Anthony J. Olejniczak, Ph.D.

Director, Academic Analytics Research Center (AARC)

Co-Founder, Academic Analytics

Email: aolejniczak@academicanalytics.com

Office: (614) 264-8098 Office

Introduction & Background

Academic Analytics is a full-service provider of business intelligence solutions for higher education leaders. Founded in 2005 to address university administrators' need for accurate and timely strategic data describing the research enterprise, Academic Analytics provides its clients with comprehensive

data on faculty research activity, solutions drawn from nuanced analyses of individual scholarly disciplines, and custom comparisons at the institutional, department, program, and individual faculty member levels.

The Academic Analytics database includes information on over 225,000 faculty members associated with more than 9,900 Ph.D. programs and 11,000 departments at 438 universities in the United States. The data reflect scholarly activity and include the following data elements:

- Faculty lists for Ph.D. programs (beginning Fall 2009 – Spring 2010 academic year)

- Faculty lists for academic departments (beginning Fall 2009 – Spring 2010 academic year)

- Journal article publications (beginning 2004)

- Conference proceedings (beginning 2004)

- Citations to articles and proceedings (beginning 2004)

- Books (beginning 2003)

- Chapters in edited volumes (beginning 2003)

- Federal research grants, including dollars won (beginning 2005)

- Honorific awards (starting dates vary by award)

- Clinical trials (beginning 1976)

- USPTO patents (beginning 1976)

- Gender (inferred using first and middle name frequencies)

The database contains records describing each faculty member include name, professorial rank, faculty Ph.D. program and department affiliation(s), terminal degree (e.g., Ph.D., M.F.A., M.B.A., etc.), date of terminal degree, terminal degree granting institution, Academic Analytics Unique Identifier (AAUID), and

institution-level ID or ORCID ID (where available). Programs and departments are classified into 171 scholarly disciplines based on National Center for Education Statistics CIP code classifications.

The Academic Analytics Research Center, a research arm of Academic Analytics, aims to deploy the Academic Analytics data as a resource for higher education research professionals and scientometric studies by qualified scholars working on pressing questions related to this area of research.

Example research projects we have supported previously:

Example 1 Using the Academic Analytics database to uncover and understand differing behaviors of faculty researchers based on gender.

Example 2 Using the Academic Analytics database to explore institutional hiring practices and patterns of graduate student hiring based on institutional origin of Ph.D.

Example 3 Using the Academic Analytics database to document disparities in the conferral of professional honors and awards.

Example 4 Using the Academic Analytics database in conjunction with warehoused institutional data to trace the trajectory of faculty lifetime research activity within contrasting disciplines at a single university.

The objective of this Request for Proposal is to locate scholars who will provide significant and publishable research projects using the Academic Analytics data, and to support those scholars with data at no cost. Criteria which will form the basis of our award decision are more fully described in the *Evaluation Factors* section below.

Submission Guidelines & Requirements

The following submission guidelines and requirements apply to this Request for Proposal:

Only qualified university researchers (e.g., faculty members, institutional research offices) with prior experience executing research projects and disseminating results in scholarly journals and at professional conferences should submit proposals. Graduate student proposals will be considered, but a faculty member must submit the proposal on their behalf and act as the responsible party to oversee the execution of the project.

Researchers wishing to submit a proposal must email all materials to aarc@academicanalytics.com no later than ~~*March 23, 2020*~~ (*Extended to April 20, 2020 to accommodate changes due to COVID-19*) for full consideration. Please include "2020 AARC Call for Proposals" in the subject line.

Materials submitted must include:

1. The full CV and institutional e-mail address for each investigator on the project.

2. A completed "Research Request Questionnaire" (https://academicanalytics.com/wp-content/uploads/2020/01/2020.01.20.AARC-Research-Request-Form.pdf).

3. PDF versions of any relevant publications the researcher has authored.

4. A proposed timetable describing the planned schedule for the project, from the receipt of the data to dissemination (submission to a journal, presentation at a conference, policy white paper presentation, etc.).

5. Any other documents or materials the researcher deems relevant to their proposal application.

Proposals must be received prior to ~~*Monday, March 23, 2020*~~ (*Extended to April 20, 2020 to accommodate changes due to COVID-19*) to be considered.

Proposals remain valid for a period of 120 days.

Academic Analytics anticipates supporting at least two proposals.

Privacy and Data Security

All researchers must use the email address of their employing institution to communicate with AARC and in all communications pertaining to the data acquired to perform the project.

Researchers must agree that individual faculty member names will not be published nor deposited into a data repository. Should such a need arise, Academic Analytics will work with the researchers to prepare a sufficiently anonymized version of the dataset to satisfy data availability requirements while also protecting the privacy of the individuals named in the database.

Upon termination of the agreement between Academic Analytics and the researcher, or completion of the project and/or publication of results, the selected researcher shall provide to Academic Analytics written notice verifying that the data files provided to the researcher under this agreement have been removed from storage devices and destroyed.

Academic Analytics will not require the researcher to provide advance copies of manuscripts or presentations, but copies of all published or otherwise completed works (e.g., published papers, podium presentation abstracts) must be sent to Academic Analytics upon acceptance of the final draft by the publisher or governing society of the conference where presented (insofar as publisher copyright policies allow).

Researchers selected to receive access to our data must be willing to participate in a 60 minute webinar to describe their research and results at the completion of their project. The audience will consist of invited researchers and university administrators, as well as employees of Academic Analytics.

Researchers selected to receive access to our data must sign a data sharing agreement acknowledging our data sharing and privacy policies.

RFP & Project Timelines

The Request for Proposal timeline is as follows:

- Request for Proposal Issuance: January 21, 2020.

- All proposals must be received by: ~~March 23, 2020~~. *Extended to April 20, 2020 to accommodate changes due to COVID-19*

- Selection of winning proposals and notification to unsuccessful proposals: by the end of April, 2020. All applicants will receive a notification about the final status of their proposal, whether selected or not.

Data Attribution

Researchers whose proposals are supported must include mention of the Academic Analytics data in the relevant sections of their published works, including, e.g., conference abstracts and the materials and methods and acknowledgements section of their published articles.

Evaluation Factors

Academic Analytics Research Center will rate proposals based on the following factors:

- Responsiveness to the requirements set forth in this Request for Proposal

- Relevant past performance and experience of the applicant

- Samples of relevant work provided

- Assessment of the impact of the proposed research on higher education policy and university research management

Our decision committee includes [Senior Academic Advisors](#), the Director of Academic Analytics Research Center, and select staff within the Academic Analytics organization.

Academic Analytics reserves the right to award data and support to the project(s) as determined solely by Academic Analytics in its absolute discretion.