Keeping Up With Science Faculty Scholarship: A No-Cost Option for Generating Faculty Citation Lists

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To support SJSU’s College of Science’s efforts to identify and quantify science faculty research publications for fund disbursement, we compiled a bibliography of science faculty research and scholarship. The citation lists would be used to develop and formalize baseline research metrics. We used existing and available resources including librarian time, subscribed science databases, and the institution-subscribed reference citation manager.

### ABSTRACT

To support SJSU’s College of Science’s efforts to identify and quantify science faculty research publications for fund disbursement, we compiled a bibliography of science faculty research and scholarship. The citation lists would be used to develop and formalize baseline research metrics.

### METHODS

**Materials**
- List of parameters (tenured and tenure-track faculty output from last 5 years)
- List of departments in the college
- List of faculty
- Bibliographic citation manager

**Prep**
- Determined corresponding subjects/disciplinary databases available at SJSU
- Developed search strategies

**Data Gathering**
- Applied research strategies for each database using native search facets and limiters

**Data Analysis**
- Saved results to the institution-subscribed citation manager (RefWorks)
- Removed duplicate citations
- Examined list and databases for accuracy, overlap, and metadata quality

### IMPACT ON LIBRARY SERVICES

**Generating citation lists is a growing area for academic librarianship, as faculty request assistance with reporting accomplishments for annual evaluations, promotion & tenure**

**Citation lists can assist faculty and university with scholarly impact information, grant proposals, and reporting**

**Libraries could seek ways to integrate this information into other campus systems: electronic dossiers, institutional repository profiles, marketing/communication pages, and grant systems**

### NEED FOR FACULTY CITATION LISTS

- Proper allocation of limited campus resources ($$ and course release) for scholarly activities – reward proven performers
- Growing emphasis on faculty research output and impact
- University interest in understanding faculty output
- University desire to improve reputation and standing

### CONCLUSION & FUTURE DIRECTIONS

The authors’ methods could be a low-cost option to start providing this service. Additionally, compiling times cited lists could another valuable service. With the onset of new technologies, changes in faculty research output, and the desires of university administrators to support this type of management across all campus departments, librarians can demonstrate their skill and expertise and meet the campus’ evolving campus research, scholarship, and creative activity needs.

### MORE DETAILS


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