

LAUC Presentation Grant Request

By: Marcus Banks, LAUC-SF

Date: January 8, 2010

Introduction: This is a request for a presentation grant, in order to present the paper "An Analysis of the Impact of Open Access Articles in Translational Medicine" at the Evidence-Based Scholarly Communication Conference in Albuquerque, NM in March 2010. Please see conference web site here: <http://hsc.unm.edu/library/ebsconference/index.shtml>

- a. Summary/current status of the research project/activity: This paper has been provisionally accepted as of Jan. 8, 2010, the deadline for applying for a LAUC Presentation Award.
- b. Timetable for activities to be funded by the Presentation Grant: Conference registration fee, travel, and lodging in March 2010.
- c. Budget:
 - a. Registration fee: \$230
 - b. Airfare: \$200
 - c. Lodging: \$70 [covers portion of the cost]
- d. I am a non-represented librarian.
- e. Paper abstract included below.
- f. Sponsoring organization: University of New Mexico Health Sciences Library and Informatics Center
- g. I have request no funds from other sources.

ABSTRACT:

AN ANALYSIS OF THE IMPACT OF OPEN ACCESS ARTICLES IN TRANSLATIONAL MEDICINE

BACKGROUND: Although the evidence is not conclusive, numerous studies have demonstrated that open access articles are cited more frequently, and more rapidly, than articles in subscription journals. Translational medicine has not been a particular focus of investigation in these studies. Our paper will extend techniques recently developed to establish the impact of individual articles, in order to determine whether general advantages pertaining to open access hold for translational medicine research.

METHODS: These two journals are open access or subscription based:

Journal of Translational Medicine (Open access; <http://www.translational-medicine.com/>)

Science Translational Medicine (Subscription based;

<http://www.sciencemag.org/marketing/stm/>). *STM* began publication in October 2009, while

JTM has been in publication since 2003. To enable a fair comparison between journals with

such different life-spans, we will develop an article-level "impact rubric". We will adapt the techniques of article-level metrics recently established by the *Public Library of Science*

(<http://www.plos.org/cms/node/485>) to enable a robust comparison of the differential impact of open and closed access.

We will compare 10 articles published in each journal on similar topics. Components of the impact rubric could include news coverage an article receives; blog coverage; and Twitter commentary. Development of this rubric will be iterative, and other components are possible. The result will be a metric that supports a fair and unbiased evaluation of the relative impact of open access articles in translational medicine.

PROVISIONAL HYPOTHESIS: We anticipate that the citation advantages generally attributed to open access articles on the basis of citation data will also manifest themselves within our more multifaceted article-level impact rubric. Even if this is not the case, our approach to developing the rubric should prove useful to colleagues wishing to do similar studies.



University of California
San Francisco

The Paul and Lydia Kalmanovitz
Library and the Center for
Knowledge Management

530 Parnassus Avenue
San Francisco, CA
94143-0840
tel: 415/476-8293
fax: 415/476-4653

January 14, 2010

To: Marcus Banks
From: Gail Persily, Director, Education & Public Services
Re: LAUC-funded Research Activities

A handwritten signature in black ink, appearing to read 'Gail Persily', written over the 'From:' line of the email header.

As we discussed, release time will be granted for work on the following 2 presentations:

- "An Analysis of the Impact of Open Access Articles in Translational Medicine" to be delivered at the Evidence Based Scholarly Communication conference in March 2010
- "Best Practices for Wiki Use in International Collaborations" (to be delivered at the Medical Library Association conference in May 2010)

