PI NAME: Devlin, Frances A.; Giullian, Jon C.; Reyes, Betsaida M.
ACADEMIC RANK Librarian, Associate Librarian, Assistant Librarian

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E-MAIL: fadevlin@ku.edu, giullian@ku.edu, breyes@ku.edu

DEPARTMENT: Libraries
CHAIRPERSON: Lorraine Haricombe

PROJECT TITLE: Usability of Library E-Collections on Tablet Devices: Practitioner's Perspectives

STATUS: ☑ New ☐ Renewal/Continuation (Special justification must be attached)

KEY WORDS (Provide up to 50 characters maximum that describes your project in disciplinary, subdisciplinary terms.) Tablets, usability, research, e-journals, e-books
I. SUMMARY OF RESEARCH OBJECTIVES (1 page maximum). This summary must explain what is to be done and its significance in a manner intelligible to any faculty member, regardless of discipline.

According to data from the Pew Research Internet Project, over half of Americans adults own either a tablet or e-book reader (1). A previous report projected that mobile devices will become the preferred mode of access to information on the Internet by 2020 (2). Increasingly, faculty and students are choosing to find and engage with library-provided electronic content through tablet devices. To better support the university community in their research and teaching as they access electronic content, librarians must develop their technical expertise in using such devices. The principal goal of this project is to capture the range of technical expertise that is most needed among library staff in order to help the KU community access and engage with library-provided electronic content (e-journals, e-books, catalogs, electronic indexes, full-text databases, apps for annotating documents, and citation management).

This project will organize a collaborative learning community (CLC), consisting of library faculty and staff. Through regular discussion sessions, members of the CLC will share and document their experience of learning how to use tablets and their experience of using them in their professional work. Of particular interest will be to discover the most effective use of tablet devices for instruction, reference transactions, and research consultations.

Part of the impetus for this project stems from the Libraries’ subscription to a product called BrowZine, a virtual reading room for e-journals that can be customized by each individual user. BrowZine is designed for use with tablet devices and only runs on iPad and Android-based tablets. The growing collection of e-books available in the KU Libraries is also a significant motivation for this project. Therefore the discussion will also explore differences in reading experiences using e-books on different devices (e.g., desktop computer, laptop, tablet, or other mobile device).

(1) http://www.pewinternet.org/2014/01/16/e-reading-rises-as-device-ownership-jumps/e-readers2/

(2) http://www.pewinternet.org/2008/12/14/the-future-of-the-internet-iii/
II. RESEARCH PLAN, SUPPORTING DATA, AND PROPOSED TIME SCHEDULE: Please note PAGE LIMITATION of **five (5) pages**. (Attach Plan)

III. CURRICULUM VITAE OF APPLICANT (to be attached): Please note maximum page limitation of **TWO (2) PAGES** emphasizing the recent record of the applicant. (Attach vitae)

IV. PROGRESS ON PAST GENERAL RESEARCH FUND APPLICATIONS

A. If you were awarded General Research Fund Allocations in the past, please give account numbers for the two most recent allocations:
   (For past account numbers you can contact Patti Steffan - psteffan@ku.edu)

   AccountNumber: 2302112
   Title: Library development in the post-Soviet era: Case studies in the evolution of East European Libraries.
   $ Amount: $3,000

   AccountNumber: 23011085
   Title: Assessing the Kansas Academic Cooperative Chat Service.
   $ Amount: $1,225

B. Total number of awards provided by General Research Fund

   Total # of Awards: 3 (2-Devlin, 1-Giullian)

   # of Awards received for current “Titled” project: 0

C. LIST results of all past General Research Fund Allocations in terms of publications, proposals, grants and contracts for outside support. Please list publications in bibliographic format. (or attach list)

   Account 2302112: data analysis for article in progress.

V. CURRENT AND FUTURE RESEARCH SUPPORT AND SOURCES OF FUNDING

A. Please list all current or submitted projects to another agency for support.
   List name of agency, title of project, amount, and names of all co-investigators.
   If current support, list source, amount, title of project and the period.
   None.

B. Are there other sources, prospects, or plans for future support for this project or its substantial equivalent?
   To what extent does this request duplicate or supplement your presently funded research or the research program of a collaborator. Be specific about your plans for application, agencies and time schedule.
   None.
VI. **UNIVERSITY REGULATIONS FOR RESEARCH PROJECT.** This Page and any approvals are required! Enclose approvals, if applicable. Every applicant must complete one of these forms for each application set.

1. **Human Subjects**
   a. Does this project involve human subjects (includes interviews, questionnaires, surveys and observations)?
      - Yes □ No ☒
   
   b. If Yes, have you applied for approval from the Human Subjects Committee?
      (HSCL, 864-7429)
      - Yes □ No ☒
   
   c. Have you received approval? (If Yes, attach the approval)
      - Yes □ No ☒

2. **Animal Research**
   a. Does the project involve animals? Yes □ No ☒
   
   b. If Yes, have you applied for approval from the Animal Care Committee?
      (Jodi Jones, IACUC, 864-8841)
      - Yes □ No ☒
   
   c. Have you received approval? (If Yes, attach the approval)
      - Yes □ No ☒

3. **Radiation Safety**
   a. Does the project involve radiation sources (includes x-rays, radioisotopes etc.)? Yes □ No ☒
   
   b. If Yes, have you applied for approval from the Radiation Safety Committee?
      (Contact the Environment, Health & Safety Office, 4-4089)
      - Yes □ No ☒
   
   c. Have you received approval? (If Yes, attach the approval)
      - Yes □ No ☒

4. **Kansas Ecological Reserves**
   a. Does the project involve Kansas Ecological Reserves? Yes □ No ☒
   
   b. If Yes, have you applied for approval from the Director of the Kansas Biological Survey?
      (Ed Martinko, 864-7770)
      - Yes □ No ☒
   
   c. Have you received approval? (If Yes, attach the approval)
      - Yes □ No ☒

5. **Biohazards**
   a. Does the project involve Recombinant DNA or other biohazardous materials? Yes □ No ☒
   
   b. If Yes, have you applied for approval from the Institutional Biosafety Committee?
      (contact the Environment, Health & Safety Office, 4-4089)
      - Yes □ No ☒
   
   c. Have you received approval? (If Yes, attach the approval)
      - Yes □ No ☒

6. **Blood-borne Pathogens**
   a. Will you or any member of your research staff be exposed to any blood-borne pathogens? Yes □ No ☒

   If Yes, please explain:

**Final approval of any allocation will be contingent upon applicant’s compliance with the above University regulations.**
## FY15 Competition GRF Budget - FY 2015

**Budget Period:** 07/01/14 - 6/30/15

<table>
<thead>
<tr>
<th>Personnel:</th>
<th>Budget Request</th>
<th>Committee Recommendation</th>
<th>Final Allocation</th>
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<td>Principal Investigator, salary requested* (4 wk maximum) Gross Pay</td>
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<td>Fringe Benefits of faculty salary x 28%</td>
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<td>Graduate Research Assistant(s)* Gross Pay</td>
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<td>Student Hourly(s)* Gross Pay</td>
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<td>Post Doc(s) Gross Pay</td>
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<td>Fringe Benefits of Post Doc x 28%</td>
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**Salary and Fringe Totals**

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<tr>
<th>Consumable Materials (itemize below):</th>
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<tbody>
<tr>
<td>iPad 2 (8 units) + keyboard cases</td>
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<td>Samsung Galaxy Tab (4 units) + keyboard cases</td>
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<td>Kindle Fire (2 units) + cases</td>
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**Total Consumable Materials**

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<td>Out-of-state travel:</td>
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<tr>
<td>Foreign travel:</td>
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</table>

**Total Travel for Research**

<table>
<thead>
<tr>
<th>Other Costs (itemize below):</th>
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</thead>
</table>

**Total Other Costs**

| **GRAND TOTAL BUDGET** | 6044 |

* Payroll appointments must be between 6/09/14 and on or before the final payroll date for FY 2015

**Budget Checked by department accounting/payroll staff sign:**

- Curriculum vitae attached
- Approvals for University Regulations for Research Projects attached, if appropriate
- Period of salary request conforms to budget instructions

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Signature of Applicant

Approved: Signature of Chairperson

FY15 Competition GRF

7  09/13