

To: Sharon Perutelli, for the Faculty Senate
From: Steven Isaac
Re: 2015-2016 Annual Report (Committee on Faculty Development and Research)
Date: 12 May 2016

Committee Members:

Steven Isaac (Chair)
Cheryl Adkins
Chris Bjornsen
Frances Reeve
Leigh Lunsford
Tim Holmstrom
Chris Jones
Chris Swanson

On 14 January 2016, members of the Faculty Development and Research Committee, having received five sabbatical proposals the preceding fall semester, recommended funding all five proposals after requesting supplemental information from one applicant. The VPAA's office confirmed several weeks later that all were approved.

Sabbaticals

1. Dr. Chene Heady (Spring 2017): an analysis of how Anglican liturgy influenced the structure of British poetry, 1820-50. Besides the original focal point, the monograph also brings together a number of writers not usually associated together.
2. Dr. Leigh Lunsford (Spring 2017): several pedagogically oriented research/writing projects in expository mathematics, including one on infinite dimensional space, plus several related to using research topics in the classroom.
3. Dr. Kelly Nelson (Spring 2017): further development of ART 252: Instaprint, so that it will fulfill new core curriculum guidelines; creation of a new body of work for shows that will integrate printmaking techniques and mixed media.
4. Dr. Craig Challender (Spring 2017): completion of a book-length poetry sequence called United States, an exploration of wartime experiences for two voices: one in the Civil War, the second in the era of the Vietnam War
5. Dr. Mary Carroll-Hackett (Fall 2016): completion of a manuscript already underway, exploring the grieving process after an exceptional period of losses among family and friends.

On 19 February 2016, the committee reconvened to consider proposals for the Faculty Research and Development Grants. Eleven applications were received, with a total price tag of \$64,264.71 if all were to be funded.

In accordance with the criteria outlined in the FPPM, we found all the grant proposals met Longwood's standards, and we thus recommended them all. In keeping with the FPPM's criteria, we submitted them to the VPAA's office in a ranked list for funding consideration. It is a pleasure to report that the VPAA's office was able to fund ALL of the applications this year.

1. Amorette Barber: (\$7000) Chimeric PDI-expressing T cells as potential treatment for various cancers, with ongoing labwork by Longwood students.
2. Kathy Gee (\$1 1,I 05.41) study of the feasibility of harvesting potable rainwater in Virginia.

Two undergraduates will be involved in the project, start to finish.

3. Sujan "Henk" Henkanathgedara: (\$7550) Survey of crayfish species (after identifying a new species last year) in 10 counties of central Virginia. Includes strong undergraduate participation.
4. Dina Leech: (\$8500) study at Hull Springs Farm re: labile organic matter versus refractory organic matter and their impact on oxygen levels in riverine and coastal waters. Includes use of undergraduate interns.
5. Kerri Cushman: (2088) return to the Paper & Book Intensive Summer Institute, Saugatuck, MI, this time for course in Wood Engraving, to supplement prior book-making and letterpress research / skill development.
6. Phil Cantrell: (\$3640) finish archival work in Uganda, using the records of the Christian Missionary Society, to trace the role of the Anglican Church of Rwanda in setting up (and potentially resolving) the Hutu-Tutsi conflict, especially the 1994 genocide.
7. Bjoern Ludwar: (\$7874 ... spread over two years \$5249/\$2625, which concerned the committee as to the appropriateness of approving funds in the next year) the role of neonicotinoids in the massive declines of bee populations (Colony Collapse Disorder).
8. Michael Mergen: (\$7888) *Looking /or Mars*, a landscape and re-photography project that replicates Mergen's 1995 journey with his late friend "Mars."
9. Kelly Nelson: (\$2937) two workshops "Making for Educators" and "3D Printing for Educators" at the Digital Harbor Foundation, Baltimore. Envisions direct application to several art education courses.
10. Andrew Yeagley: (\$4900) research into carcinogenic possibilities of parabens in cosmetics, especially deodorants. The entire fund requested is for a student intern across 8 weeks of the summer.
11. John Slavin: (\$3907) Development of new techniques for synthesizing lead/cadmium chalcogenide nanocrystals, or quantum dots.