

Report (2018/2019)

Research, Scholarship and the Creative Arts Committee UVM Faculty Senate May 8, 2019

Membership of the Committee:

The Committee membership included Brandon Ackley (GSS), Steve Budington, Chris Burns (Chair), Mary Cushman, Rachelle Gould, Britt Holmen, Steve Keller, Tammy Kolbe, Callum Krishna (SGA), Dimitry Kremmentsov, David Neiweem, Matthew Price, Albert van der Vliet, and Chun Zhang. In addition, many of the meetings were attended by the Cathy Paris (Faculty Senate President), Richard Galbraith (Vice President for Research), Ann Kroll Lerner (Director of the Office of Fellowships, Opportunities, and Undergraduate Research), and Cynthia Forehand (Dean of the Graduate College).

The Committee met on 8 occasions, the first being September 13, 2018 and the last being May 9, 2019.

Operating Procedures: The committee adopted operating procedures which can be found on the Faculty Senate RSCA web page - https://www.uvm.edu/sites/default/files/Faculty-Senate/RSCA_Operating_Procedures.pdf

OVPR Update: Richard Galbraith, Vice President for Research, gave an update on OVPR ongoing activities and plans:

- a. OVPR started a \$30,000 a year fund for the humanities and the arts. It can be accessed through an application process.
- b. Humanities Center and OVPR co-fund summer opportunities for those in the humanities.
- c. REACH Grant Program, The REACH grant program seeks to promote and help fund promising research, scholarship, and creative arts in all areas of the University. The program is designed to foster conditions of possibility in which these projects can grow by providing seed money or exploratory or complementary funding.
- d. OVPR Express, is an internal, competitive funding program designed to stimulate research and scholarship by new junior faculty members.
- e. SPARK provides a modular infrastructure to facilitate the discovery-to-innovation-to-commercialization process.
- f. OVPR is working on finding ways to get more Foundation funding for a wider range of projects.
- g. UVM CLICK, is the new research management software. It will be rolled out in phases. UVM CLICK will be interactive with PeopleSoft.
- h. Inquiry, an annual UVM magazine was released in the fall.

Fellowship, Opportunities, and Undergraduate Research (FOUR): Ann Kroll Lerner updated RSCA on the following FOUR activities:

- a. FIRE: Fall INTRO to Research Expo - Sponsored by Enrollment management & the Honors College. An exposition of the research-related resources for students at UVM along with step-by-step guides for getting involved in undergraduate research given by students, faculty, and staff.
- b. Scholarship/Fellowship Opportunities FOUR is actively working with students to apply for:
 - 28 students submitted for Fulbright scholarships.
 - The Harry S. Truman Scholarship seeks to identify and support current juniors who have demonstrated significant leadership abilities and are dedicated to pursuing a career in public service.
 - The Barry M. Goldwater Scholarship seeks to encourage outstanding students to pursue research careers in mathematics, the natural sciences, or engineering and to foster excellence in those fields. Each year, the University of Vermont can nominate up to four students who are in their sophomore or junior year for a Goldwater Scholarship.
 - Udall scholarship. The Udall Scholarship seeks to find and support undergraduate students from any ethnic group who demonstrate a commitment to improving or preserving the environment and to Native American undergraduates committed to a career in health care or tribal public policy.

Graduate College: Cynthia Forehand, Dean of the Graduate College, updated RSCA on the following:

- a. Graduate Housing, Graduate students are front and center in the new housing plan for the university. The university is working with private groups to make this happen.
- b. A Day and the Life, there are a lot of graduate students represented in this publication. This is a huge improvement from when it started.
- c. Graduate Enrollment
- d. Travel and Dependent Care Costs for NSF.

Research Administration: Briand Prindle updated RSCA on the rollout of UVM Click, our new research administration software.

<https://www.uvm.edu/spa>

Faculty Development and Awards: Jim Vigoreaux, Provost's Office, spoke about faculty development and award opportunities. There is a new Outstanding Teaching award for part-time faculty. University-wide development and award opportunities can be found here - <https://www.uvm.edu/provost/facultyaffairs>

Dean of Libraries and President searches: RSCA discussed these two searches in relation to research, scholarship, and creative activities. Members of RSCA met with the four Dean of Libraries finalists.

Scholarly Communication: The committee discussed the University of California's decision to end contract negotiations with Elsevier and the role of faculty and faculty senates in scholarly communication discussions in higher education.

<https://news.berkeley.edu/2019/02/28/why-uc-split-with-publishing-giant-elsevier/>.

University Distinguished Professor: The committee reviewed the 2019 University Distinguished Professor nominations and submitted feedback to the Provost's office.

Burack Distinguished Lectures: The committee reviewed nominations for this lecture series in the fall and the spring.

Respectfully submitted,

Chris Burns
May 8, 2019

University of Vermont Research Data Management Resolution

Whereas

Researchers in all disciplines are faced with a range of data management needs as research becomes more collaborative, data-intensive, and computational,

And data management requires a long-term commitment to a storage environment where the security of sensitive data and the integrity of all research data is ensured,

And data sharing and re-use increase the accountability, visibility, impact, and return on investment in research,

And the Office of Science and Technology Policy (OSTP) has directed federal agencies to mandate that digitally formatted research data, to the extent feasible and consistent with applicable law and policy, should be stored and publicly accessible to search, retrieve, and analyze,

And most large Federal funding agencies (NIH, NSF, DOE, DOT, NASA, DOD, CDC, NOAA, USDA, USGS) now require data management plans for the preservation and access of research data,

And current practices at UVM, assembled on an ad hoc basis, do not meet current user needs or look forward in support of strategic initiatives and goals,

And an institutional commitment to providing technical expertise and support services is required to meet researcher needs, funding imperatives, and public policy goals,

Therefore be it resolved that the University of Vermont should

- Charge a joint Administration/Faculty Senate committee (drawing from relevant units such as the University Libraries, the Office of the Vice President for Research, and Enterprise Technology Services, and faculty representatives from likely user groups) to develop a programmatic and financial plan by October, 2017 to provide the University with core services and tools for managing data throughout the data life cycle.

Following the creation of this plan, the University of Vermont should

- Promote these services and tools and encourage faculty to use them to manage and share their data.
- Provide ongoing financial support to the units providing services and tools, including support for the infrastructure, personnel, education, and training.
- Develop a research data management policy, establishing the University's commitment to long term data management.