

Report (2017/2018)

Research, Scholarship and the Creative Arts Committee UVM Faculty Senate May 4, 2018

Membership of the Committee:

The Committee membership included Steve Budington, Chris Burns (Chair), Seth Fietze, Rachelle Gould, Steve Keller, Beth Kirkpatrick, Tammy Kolbe, Jeffrey Marshall, David Neiweem, Matthew Price, Chuck Schitzlein, Jessica Sheehe (GSS), and Albert van der Vliet. In addition, many of the meetings were attended by the President of the Faculty Senate, Cathy Paris, the Vice President for Research, Richard Galbraith, and the Dean of the Graduate College Cindy Forehand.

The Committee met on 9 occasions, the first being September 14, 2017 and the last being May 10, 2018.

Office of the Vice President for Research

Richard Galbraith discussed the following items with RSCA.

- New software in SPA, UVM Connect. Software will slowly come on line allowing for a two-year window for completion.
- There is a new fund for support of the creative arts. This is being funded between OVPR and CAS. The fund is starting at \$30,000. The creation of this fund was in part due to discussions held at a 2017 RSCA meeting.
- There is a need for updated equipment in the hard sciences. The OVPR is working on finding ways to give resources and update equipment.
- Diversity programs for graduate and post doc students. OVPR is look at ways of promoting diversity in graduate and post doc students. The hope that post doc students will continue on at the university as faculty.

UVM Connect: Brian Prindle, Director of Research Administration, gave an update on the implementation process for UVM Connect, which is replacing as Info Ed to support research management functions at UVM.

Graduate College:

- Dean Forehand gave an update on stipend levels for the different units on campus.
- The Graduate College is working toward centralized GTA training.
- There has been a significant increase in mental health issues in graduate students. The Graduate College has trained two staff members, one in the medical school and one in the Graduate College office to work with students in crisis. As the need for these services increase the Graduate College will continue to provide support.
- Housing. Currently there is no campus housing for graduate students. The university would like 5% to 10% housing for graduate students going forward. The forecast for housing around campus show increases in the next few years. This will help with graduate and undergraduate housing.

- Concurrent Faculty/Graduate Student Policy: Dean Forehand updated RSCA on the progress of this policy, the key proposal being that faculty may not pursue an advanced degree in the department (or college/school, if not structured as departments) in which they hold an appointment. Similarly, a graduate student may not be appointed to a faculty or Officer of Administration position in a department (or college/school if not departmentally based) in which they are pursuing their terminal degree.

Undergraduate Research: Ann Kroll-Lerner presented on the newly formed Fellowships, Opportunities, & Undergraduate Research Office (FOUR). The office offers an array of valuable resources for all UVM students promoting mentored research, creative works, and scholarly development. RSCA welcomed the suggestion from Kroll-Lerner that the committee could serve as an advisory board for FOUR. RSCA will work with her to develop what that relationship might look like going forward.

Faculty Professional Development

Jim Vigoreaux discussed faculty professional development with the committee at our February meeting.

- The faculty development series theme this year is speech and expression on campus. There was a free speech event by GSB, a Burack presentation on hateful speech, and a university debate regarding these topics.
- RPT Week
Open Access and Scholarly publishing (falls in purview of RSCA) Chris Burns moderated a panel.
Tammy Kolbe was on the panel for strategies for increasing faculty awards and recognition

Gund Institute

Donna Rizzo gave an update on the Gund Institute for the Environment.

- The Institute recently completed the first round of Gund Catalyst Awards, \$250,000 of seed grant funding was awarded to five interdisciplinary teams. The institute will add new research themes each year. Interdisciplinary research has priority.
- Full time faculty can become Gund fellows.

NVIVO: J. Dickinson, Constance van Eeghan, and Kelly Clark Keefe led a discussion of a proposal to transition University support from HyperResearch to NVIVO, both software applications designed to support qualitative research. RSCA voted in favor of supporting this transition.

CIO Search: Members of RSCA participated in the CIO search process.

Research Data Management: RSCA reviewed the final report of the Ad Hoc Committee on Data Management, which was charged by the Provost in March and submitted its report on October 1.

Open Access: Meredith Niles (Food Systems) and Donna O'Malley (Dana Medical

Library) presented on the topic of open access, both at UVM and beyond.

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

University Distinguished Professors: The committee evaluated this year's nominations for University Distinguished Professor awards and made recommendations to the Provost's office.

Respectfully submitted,

Chris Burns
May 7, 2018

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.