The UNIVERSITY of VERMONT

FACULTY SENATE

Minutes
Monday, October 23, 2017
Memorial Lounge 4:00 – 5:30 pm

The meeting was called to order at 4:00

Senators in Attendance: 63

Absent: Senators Mierse (Art & Art History), Adams (Anesthesiology), Eastman (Anthropology), Varhue (Electrical & Biomedical Engineering), Kindsvatter (Leadership & Developmental Sciences), Stokes (Libraries), Sherriff (Libraries), (Microbiology & Molecular Genetics), Solomon (Neuroscience), Dostmann (Pharmacology), Cuneo (Philosophy), Chen (Plant & Soil Science), Naylor (Psychiatry)

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1. **Approval of Minutes of the September 18, 2017 Meeting**
   Motion: To approve the minutes of the September 18, 2017 meeting
   Vote: 88% approve, 0% oppose, 12% abstain

2. **Presentation of Degrees**
   It was moved, seconded and voted that the following number of graduates be recommended by the Senate to the President for the awarding of the appropriate degrees or certificates as authorized by the Board of Trustees. Individual names of the graduates are recorded with the Minutes of this meeting in the permanent Senate records.

   Graduate College (132)

   Motion: To accept the degrees as presented
   Vote: 100% approve, 0% oppose, 0% abstain

3. **Resolution in Memoriam for Leslie Morrissey, RSENR**
   Kimberly Wallin, Research Associate Professor in the Rubenstein School of Environment & Natural Resources, presented a Resolution in Memoriam for Leslie Morrissey, Professor Emerita of Environmental Science. The resolution is attached to these minutes.
   Motion: Kimberly Wallin moved to inscribe the Resolution in Memoriam for Leslie A. Morrissey in the minutes of the Faculty Senate and to send a copy to the family.
   Vote: 100% approve, 0% oppose, 0% abstain

4. **Resolution in Memoriam for Martin Kuehne, CAS**
   Matthew Liptak, Assistant Professor of Chemistry in the College of Arts & Sciences presented a Resolution in Memoriam for Martin Kuehne, Professor of Chemistry. The resolution is attached to these minutes.
   Motion: Matthew Liptak moved to inscribe the Resolution in Memoriam for Martin E. Kuehne in the minutes of the Faculty Senate and to send a copy to the family.
   Vote: 100% approve, % oppose, % abstain

5. **Faculty Senate President's Remarks** – Cathy Paris outlined two priorities for her second term as President of the Faculty Senate. First is to foster a higher functioning, and more engaged Faculty Senate. Second is to nurture UVM's General Education Program, coordinating the activities of the individual general education curriculum committees, identifying and bringing about curricular improvements, and raising the profile of the general education curriculum, with the goal of providing a unified curriculum of superb quality for our students. President Paris will provide more specific information about these goals at the November Senate meeting.

   President Paris made the following announcements:
   - There is still time to register for the *Brave, Brilliant and Bold* Women's Summit scheduled for Nov 2, 2017.
   - "Planning Your Career Transition" is a faculty development opportunity sponsored by the Retired Faculty and Administrative Officers (RFAO) at UVM. This panel event will be held on Thursday, October 26, 1:30 – 3:00 PM at 149 Beaumont Avenue, HSRF 300, Larner College of Medicine. The Panel, consisting of UVM emeritus faculty, will discuss planning strategies, best practices, and transition opportunities for current faculty that would like to stay active in their scholarly/professional pursuits and/or continue active citizenship in the university.
   - There will be a Retirement Celebration for former Faculty Senator and Executive Council member Alison Pechenik on Wednesday, December 13th from noon – 1:00 p.m. in 207 Votey.

6. **UVM Provost's Remarks** – David Rosowsky offered remarks around the October Board of Trustees meeting, including:
   - Support for the Senate President's goal of fostering a higher functioning and more engaged Senate, and thanked Cathy Paris for her candid, and insightful remarks to the Board.
   - Appreciation for Laura Almstead's shepherding of three new programs through the approval process.
   - The BOT approved the next phase of planning for the Multi-Purpose Facility project.
   - The BOT approved the acquisition of the Educational Advisory Board's Student Success Collaborative as the software platform for improving undergraduate student advising and retention.
   - Revenues: The increased emphasis from Colleges and Schools on summer enrollment increased summer revenue. Graduate tuition revenue was also up. Philanthropy is ahead of target, and closing in on the $450 million mark.
   - Research: Growing due to the establishment of new corporate and industrial partnerships. The Corporate and Foundation Relations Office is working with faculty in the schools and colleges to develop these relationships.

- The only revenue stream down is retention. This will be an important focus for faculty, staff, and administration.
- Investments: Capital projects are on time and on budget.

7. **Athletics Advisory Board Report –** Jeff Schulman, Director of Athletics, provided an overview of the Athletics Department and the importance of integration of athletics into the campus community, including the academic side of the campus. Director Schulman's slide presentation highlighting the athletic programs and athletes is attached to these minutes.

   The Chair of the Athletics Advisory Board, Pablo Bose (CAS), provided an overview of the work of the Athletics Advisory Board. This group of faculty, staff, students, and alumni have broad advisory responsibilities to the President and the Director of Athletics.
   Rocki-Lee DeWitt (GSB) is the Faculty Athletics Representative to the NCAA, appointed by the University President, and is responsible for the welfare of the student in the student athlete. The Athletics Advisory Board is the mechanism for the faculty voice to be heard. Questions and concerns should be addressed to the Chair, Pablo.Bose@uvm.edu. A written report to the Faculty Senate on the UVM Athletics Program for 2015-2017 is attached to these minutes.

8. **Resolution: Professional Standards Committee Voting** – Michael Giangreco, chair of the Professional Standards Committee, brought forward a resolution (attached to these minutes) which was drafted to establish operating procedure for voting on RPT cases.

   Be it resolved that the University of Vermont should:
   Establish that PSC members are eligible to vote on RPT cases at, or below, their own rank. This means that: (a) full professors on the PSC are eligible to vote on all RPT cases except those in their home department/unit, and (b) associate professors on the PSC are eligible to vote on all RPT cases except bids for full professor and those in their home department. Regardless of voting eligibility, the perspectives of all members will be considered in both presenting RPT cases and the subsequent discussions prior voting, because regardless of rank all PSC members have valuable perspectives to share that can inform the vote.

   Michael Giangreco addressed questions from the floor.

   Motion: Evan Eyler moved to 1) postpone the vote to the next meeting of the Faculty Senate, and 2) request that more information be gathered on why other institutions maintain the policy of restricting RPT voting eligibility to cases at or below their own rank.
   Vote: 69% approve, 31% oppose, 0% abstain

9. **Data Management Committee update**. Chris Burns provided an overview of the final report to the Provost from the Research Data Management Ad Hoc Committee. The recommendations of the committee are included in the slides attached to these minutes, and in the final written report, also attached to these minutes. In response to a question regarding security of data on laptop computers, Provost Rosowsky recommended that the Faculty Senate invite the Information Security Office to address the Faculty Senate. UVM has security procedures in place, but they are not widely known.

10. **Resolution: Departmentally Controlled myUVM Portal Integrated Online Course Evaluation Platform.** Thomas Chittenden and Jen Prue, co-chairs of the Student Affairs Committee, along with Regina Toolin, Chair of the Educational Research Technology Committee

presented a joint resolution, for a departmentally controlled, myUVM portal integrated online course evaluation platform. The full resolution is attached to these minutes.

THERFORE BE IT RESOLVED that

- The University of Vermont Faculty Senate supports the implementation of a *myUVM*-integrated departmentally controlled course evaluation platform; and
- The University of Vermont should charge a joint Administration/Faculty Senate committee to develop a Request for Information (RFI) to solicit vendor proposals on a course evaluation platform to meet the desired characteristics outlined above.

Motion: Thomas Chittenden moved the adoption of the Resolution.
Vote: 80% approve, 16% oppose, 4% abstain

11. **Response to the Motions approved at the May 18 Senate Meeting** – Cathy Paris reported that the Senate Executive Council has charged an ad-hoc committee of five volunteer Senators to examine the Faculty Senate process and procedures. The committee will be asked to report their progress to the Faculty Senate by the end of the academic year. In accordance with the Senate bylaws, the committee will terminate when their assignment is complete, or within one year of the date of appointment, whichever is shorter. They may be reappointed.

12. **New Business** – none at this time.

13. Adjourn at 5:34 p.m.

2017-18 Faculty Senate Meetings (all meetings will be held 4:00 – 5:30 p.m. in Memorial Lounge)

September 18, 2017	*December 18, 2017*	*March 26, 2018*
October 23, 2017	*January 22, 2018*	*April 23, 2018*
November 27, 2017	*February 26, 2018*	*May 17, 2018*

The University of Vermont
GRADUATE COLLEGE
OFFICE OF THE DEAN

October 23, 2017

MEMORANDUM TO THE UNIVERSITY SENATE

President Paris, on behalf of the Graduate Faculty, it is my pleasure to present 96 candidates for the Master's degree in course, 2 for the Doctor of Education, 30 for the Doctor of Philosophy degrees, 4 and for the Certificate of Graduate Study.

Doctor of Philosophy	30
Doctor of Education	2
Master of Arts	3
Master of Business Administration	23
Master of Education	4
Master of Public Health	11
Master of Science	48
Master of Science for Teachers	1
Master of Science in Medical Sciences	5
Master of Social Work	1
Certificate of Graduate Study	4
	132

I move that the Senate recommend these candidates to the Board of Trustees for their awarding of the appropriate degrees.

Cynthia J. Forehand, Ph.D.
Dean of the Graduate College

330 Waterman Building, 85 South Prospect Street, Burlington, VT 05405-0160
(802) 656-3160 • fax: (802) 656-0519

October 23, 2017

MEMORANDUM TO THE UNIVERSITY SENATE

The following graduate students have to the best of my knowledge met all the requirements for their respective degrees. I move that the Senate recommend these candidates to the Board of Trustees for their awarding of the appropriate degrees.

DOCTOR OF PHILOSOPHY

Animal Nutrition and Food Sciences
Mackenzie Andrew Campbell

Biochemistry
Jamie Abbott

Cellular and Molecular Biomedical Sciences
Andrew Charles Little
Arvis Sulovari

Chemistry
Morgan E. Cousins
Ram Chandra Dhakal
Robert Miller
Daniel Sumy

Civil and Environmental Engineering
James Montague
Maria Peraki

Clinical and Translational Science
Jon Peter Durda
Emily K. Tarleton

Computer Science
Sepehr Amir-Mohammadian

Electrical Engineering
Yu Zhang

Mechanical Engineering
James S. McLean
Paul Montane
Timothy Tomko

Natural Resources
Lucia C. Orantes
Tracey L. McCowen

Neuroscience
James Hart Bishop

Plant Biology
Kattia Paola Palacio Lopez

Psychology
Victoria M. Baptiste
Sheau-Yan Ho
Timothy LaVigne
Justin Parent
Wesley Sanders
Scott Timothy Schepers
Meghan Schreck
Sydney Trask
Melissa Paiva-Salisbury

DOCTOR OF EDUCATION
Educational Leadership and Policy Studies
Jennifer L. Stainton
Alexander J. Thorngren

MASTER OF ARTS
History
Robin James Fitch-McCullough
Julia Ann Walsh

Psychology
Danielle Davis

MASTER OF BUSINESS ADMINISTRATION
Sustainable Innovation
Diane Abruzzini
Julie Allwarden
Schuyler Stuart Anderson
Margaret A. Arzon
Karen Barnett
Adam Berry
Theodore Carrick
Aditi Datta

Jana Gailiunas
Caitlin Steirman Goss
Dana S. Gulley
Lauren Hesterman
Vanessa Hines
Christopher Howell
Harris Kennedy Linge, Jr.
Ryan McClain
Noah Miller
Alexander R. Perkins
Leah Perkinson
Mary Taylor Ralph
Michael J. Rama
Brett Spusta
Jason Wiff

MASTER OF EDUCATION

Curriculum and Instruction
Kristen Budlong Eckhardt
Michael Kaskel Oquendo
Amanda Yates

Special Education
Maria E. Gordon

MASTER OF PUBLIC HEALTH

Nicolette Alberti
Amanda J. Collins
Adam A. Lacayo
Christopher LaMonda
Lisa Marie Lavery
Matthew McLaughlin
Jonathan J. Sears
Whitney McKenna Smith
Meenakumari Subramanian
Jennifer K. Wallace
Marissa Margaret Wells

MASTER OF SCIENCE

Animal Science
Salvador Ordaz

Biochemistry
Jared Hammer

Biostatistics
Samuel Thatcher Brown
Corey Evans

Cellular, Molecular and Biomedical Sciences
Peibin Wo

Chemistry
Michael Aaron Vrolijk

Community Development and Applied Economics
Elijah Graham Massey
Hannah Catherine Ullman

Counseling
Kelly Boardman
Hillary Leigh Brown
Hilary Elizabeth Burt
Vincent Confalone
Nicholas Grudev
Chelsea Jewell
John Powell
Joseph William Prather
Miroslava Sussman
Kristina L. Syverson
Alysa Vallender
Alison Zubrod

Electrical Engineering
Gregory Abrami
Lixi Tao

Food Systems
Alana Chriest
Nicolas Fabien-Ouellet
Hannah Marie Stokes

Mathematics
Christopher W. Fusting
Garvin Gaston

Mechanical Engineering
Nicholas Charles Martin

Natural Resources
Kristen Andrews
Cody Aylward
Benjamin Kaufman
Jeanette Sue Miller
Kyle Motley
Devin M. Rigolino
Emma Mae Sass
Colleen Megan Twomey
Alexandra Z. Millarhouse
Hallie Schwab

Nursing
Marina Margaret Ecklund

Pathology
Taylor Maxwell Goller
Christina Litsakos
Rebekah Wieland

Pharmacology
Nicholas Christopher Cruickshank
Joseph Patrick Gallant
Thomas Howland Taber

Plant and Soil Science
Jason Michael Kokkinos
Grace Njeri Matiru

Plant Biology
Beck Powers

MASTER OF SCIENCE FOR TEACHERS
Michael G. Fenwick

MASTER OF SCIENCE IN MEDICAL SCIENCES
Brianna Marie Chaves
Caroline Donohue
Rachel Garbolino
Matthew Parry
Anuj Saluja

MASTER OF SOCIAL WORK
Erica Raff

CERTIFICATE OF GRADUATE STUDY

Complex Systems
Ryan J. Gallagher

Ecological Economics
Alana Chriest

Interdisciplinary Study of Disabilities
Winnie Looby

Public Health
Vy Cao

Agenda Item 3:
Resolution in Memoriam for Leslie Morrissey

Dr. Leslie A. Morrissey
Professor Emerita
Associate Professor in the Rubenstein School of Environment and Natural Resources

Please vote for the Resolution:

A: Approve
B: Oppose
C: Abstain

The University of Vermont
FACULTY SENATE

Resolution in Memoriam
Leslie A. Morrissey
Professor of Environmental Science
1952 – 2017

Presented by Kimberly Wallin
Research Associate Professor
and
Donna Parrish
Research Professor
Rubenstein School of Environment & Natural Resources
October 23, 2017

Dr. Leslie Morrissey, Professor Emerita, passed away on Saturday, September 2, 2017 after a four year battle with pancreatic cancer. She was an Associate Professor in the Rubenstein School of Environment and Natural Resources from 1995 to 2013 having previously received degrees from Oregon State, a Ph.D. in Geosciences, and San Jose State Universities, a M.S. in Geography. Leslie came to UVM wanting to give back to the community, specifically to build a geospatial technologies program. The results of her efforts can be measured in part by how remote sensing and geographic information systems, GIS, technologies have become so widely engrained in UVM, State and local environmental planning and management activities. As an educator she developed curricula in GIS, remote sensing, and global environmental assessment. She was highly, highly dedicated to her students and was sought by undergraduate and graduates as a fair but demanding mentor, valued for her expertise, caring attitude, sense of humor, and healthy irreverence towards bureaucracy. Leslie participated on a variety of advisory panels and developed many cross-disciplinary collaborations including a popular university-wide minor in geospatial technologies that was first offered in 2007 and continues today.

Dr. Morrissey's research centered on the application of satellite and aircraft remote sensing and GIS in a wide variety of environmental applications. Prior to her academic career, Leslie was an accomplished Senior Research Scientist and Project Manager at the NASA Ames Research Center in California where her research focused on biogenic greenhouse gas emissions

in Arctic and Boreal ecosystems and the role and response of those systems in regional and global climate change. At UVM, Leslie published on greenhouse gas emissions from wildfires in northern environments and then refocused her research to address storm water management, water quality, stream geomorphology, and the role of streambank erosion on phosphorus loading to stream waters. More recently, in collaboration with colleagues from the College of Engineering & Mathematical Sciences, the Department of Biology, and external investigators, Leslie's research addressed vector-borne Chagas disease in rural Latin American communities.

Leslie's quick intellect and sense of humor made her a highly valued colleague and friend to many people. The sparkle of her personality, with her zen like presence, brought out the best in everyone around her.

We MOVE that this resolution in memoriam be inscribed in the Minutes of the Faculty Senate and that copies be sent to her family.

_____
Cathy Paris
President, Faculty Senate

_____
E. Thomas Sullivan
President, University of Vermont

Agenda Item 4:
Resolution in Memoriam for Martin Kuehne

Martin E. Kuehne, Ph.D.
Emeritus Professor of Chemistry
College of Arts and Sciences

Please vote for the Resolution:

A: Approve
B: Oppose
C: Abstain

The University of Vermont
FACULTY SENATE

Resolution in Memoriam
Martin E. Kuehne
Professor of Chemistry
1961 – 2017

Presented by Matthew D. Liptak
Assistant Professor of Chemistry
Oct. 23, 2017

Martin Kuehne, Professor Emeritus of Chemistry, passed away unexpectedly on August 4, 2017.

Born in 1931 on Long Island, Martin moved to Dresden, Germany while young and attended secondary schools in Switzerland before completing his undergraduate degree at Columbia University in 1952. He received an M.A. from Harvard University in 1953, and returned to Columbia to complete his Ph.D. in 1956 with Gilbert Stork. After working at CIBA Pharmaceuticals, he joined the UVM faculty as an Assistant Professor in 1961. As part of the organization of the Graduate College in the 1950's, the Ph.D. and M.S. degrees in Chemistry were initiated, and Martin's hire was a key part of the establishment and success of the graduate program in the Department of Chemistry. The Department's first graduate student received her degree with Martin in 1963, and he was the advisor to 46 Ph.D. and M.S. students during his tenure as a full-time faculty member. Many of the chemists trained by Martin have themselves gone on to make lasting scientific contributions throughout their independent careers.

Martin had a substantial impact on the research profile of the Department. He was internationally renowned for his work on the chemical synthesis of indole alkaloid natural products in pursuit of developing cancer chemotherapeutic agents and anti-addictive treatments. This research was continuously supported by the National Institutes of Health for 35 years, through most of his tenure as a full-time faculty member. The synthetic

pathways he developed to prepare some of the most structurally complex alkaloids known, including members of the *Vinca*, *Strychnos* and *Aspidosperma* alkaloid families, were often inspired by nature and were frequently described as "elegant" by his peers. He presented numerous invited lectures at national chemistry conferences and at universities. As a mark of the interest in translating his work to production of pharmaceuticals, he was also invited to speak at industrial research laboratories including DuPont, Merck, Bristol Myers Squibb, Pfizer, and others. Martin reveled in hands-on laboratory work and remained active in the laboratory throughout his career, maintaining an office and research laboratory in the Chemistry Department even after transitioning to Emeritus status in 2003. He assisted in the move of the Department to its new home in Discovery Hall in May 2017 and continued to work on new ideas until his passing.

Martin taught courses in organic chemistry for many years, including courses at both the graduate and undergraduate level and ranging from 5 to 150 students per class. He advised numerous undergraduate research projects in synthetic organic chemistry. From 1976 to 1978, he served as Acting Chairman of the Chemistry Department, and was a member of the Graduate College Executive Council from 1977 to 1981 and 1984 to 1988. He served as a patent advisor through the Graduate College for 21 years.

As a leader, mentor, and friend, Martin's passing is a great loss for the Chemistry Department and for the University community. He will be sorely missed.

_____
Catherine A. Paris
President, Faculty Senate

_____
E. Thomas Sullivan
President, University of Vermont

Athletics Advisory Board and Departmental Update

Report to the Faculty Senate – October 23, 2017

Rocki-Lee DeWitt – NCAA Faculty Representation

Pablo Bose – Chair, Athletic Advisory Board

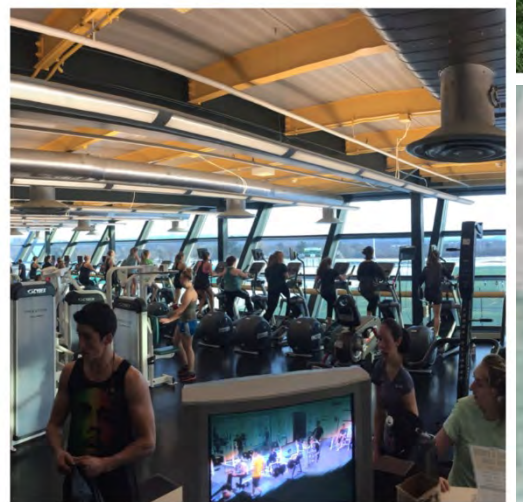
Jeff Schulman – Director of Athletics

Program Scope

410 Student-Athletes, 85 FTE Staff

18 Varsity Sports

Men	Women
Basketball	Basketball
Cross Country	Cross Country
Ice Hockey	Field Hockey
Indoor Track & Field	Ice Hockey
Lacrosse	Indoor Track & Field
Outdoor Track & Field	Lacrosse
Skiing	Outdoor Track & Field
Soccer	Skiing
	Soccer
	Swimming & Diving



Campus Recreation

- 468,733 facility visits; 11,902 unique users
- 3,443 unique intramural participants (25 sports/leagues)
- 3,948 unique participants in fitness programming

Conference Affiliations

NCAA Division I

America East
Albany, Binghamton, Hartford, Maine, UMass Lowell, UNH, Stony Brook, UMBC, Vermont

Hockey East
BC, BU, Uconn, Maine, UMass-Amherst, UMass-Lowell, Merrimack, UNH, Northeastern, Providence, Vermont

Eastern Intercollegiate Skiing Association (EISA)

Academic Performance

30 Straight semesters above a 3.0 GPA -- 3.19 in S17

61 Student-Athletes with a 3.8 or higher in S17

Graduation Success Rate in the top 3% of Division I

Student-Athlete Academic Performance

	F2014	S2015	F2015	S2016	F2016	S2017
Athletic Department GPA	3.148	3.166	3.138	3.184	3.160	3.193
SA Male Average GPA	3.031	3.044	2.984	3.013	2.915	3.052
SA Female Average GPA	3.246	3.271	3.250	3.318	3.254	3.307

2016-17 Top Team GPAs

Women	**Men**
Field Hockey -- 3.59	Alpine Skiing -- 3.36
X-Ctry -- 3. 52	X-Ctry -- 3.28
Track -- 3.45	Track -- 3.21
Lacrosse -- 3.23	Hockey -- 3.09
Basketball-- 3.23	Soccer -- 3.04

TIME

NCAA Men's Basketball Academic Bracket

Distribution of Student-Athletes by Schools and Colleges

Schools/Colleges	All	S-A
CALS	14.92%	26.27%
A&S	41.51%	26.75%
CESS	7.17%	6.02%
CEMS	11.64%	10.12%
Grossman	9.17%	18.55%
CNHS	9.26%	9.16%
Rubenstein	6.33%	3.13%

2016-17 Highlights

Men's Basketball

21 straight wins; America East Championship and 6th NCAA tournament appearance.

2016-17 Highlights

Men's Soccer

Advanced to NCAA 2nd Round; Selected to host NCAA first round tournament game at Virtue Field

2016-17 Highlights

Women's Soccer

Advanced to America East Semifinals

2016-17 Highlights

Men's Hockey

Won the Friendship Four Cup (Belfast, NI); Finished ranked 17th in the NCAA

2016-17 Highlights

Women's Hockey

Advanced to HE Semifinal; Finished ranked 15th in the NCAA

2016-17 Highlights

Field Hockey

Most Wins in Past Ten Years

2016-17 Highlights

Skiing

Paula Moltzan -- NCAA Individual Champion

2016-17 Highlights

Track and Field

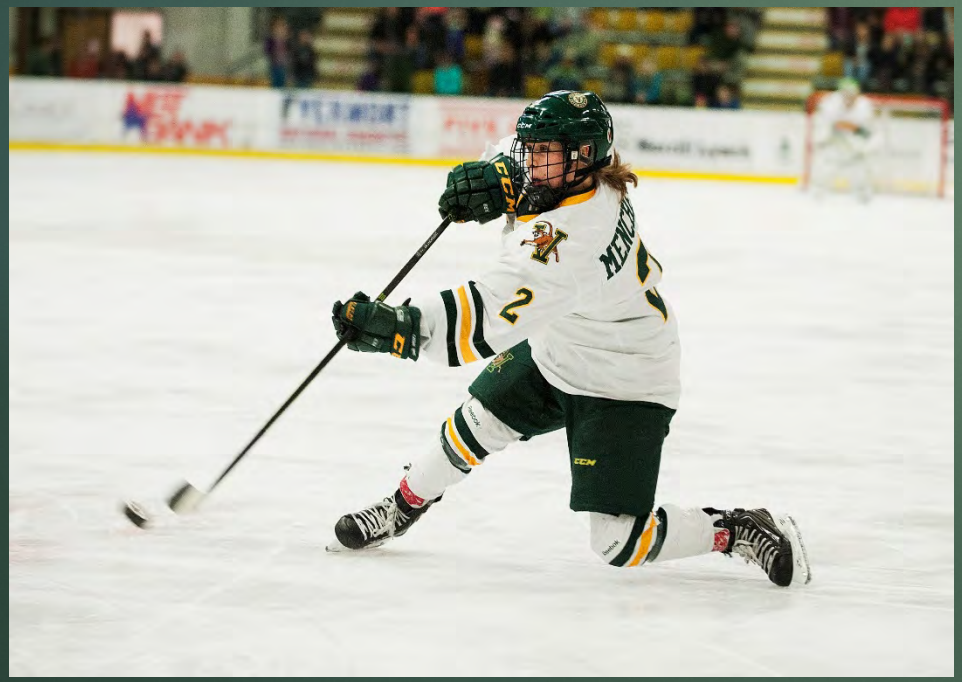
Two NCAA Qualifiers

Trae Bell-Haynes

- Major: Statistics, Minor: Economics – CEMS
- Vice-Chair, Student Athlete Advisory Committee
- Co-Advisor, Rally Around Mental Health
- AP All-American Honorable Mention, 2017
- America East Player of the Year, 2017
- America East First-Team All Conference, 2017

Alayna Sonnesyn

- Major: Biochemistry, Minor: Neuroscience, CALS
- Vice-Chair, Student Athlete Advisory Committee
- NCAA First Team All-America, 2017
- EISA All-East First Team, 2016, 2017
- EISA Rookie of the Year, 2015
- Mentor, College for Every Student



Kourtney Menches

- Major: Exercise and Movement Sciences, CNHS
- GPA: 4.0 cum
- Hockey East Top Scholar - 2015, 2016, 2017
- Hockey East Top Scholar – Highest GPA in H.E., 2017
- College for Every Student Mentor Program Advisor
- Helped Cats reach the Hockey East Semifinals for the second time in program history

Arnar Steinn Hansson,

Gardabaer, Iceland/ Reykjavik

- Major: Biomedical Engineering, CEMS
- GPA: 3.88
- America East Commissioner’s Honor Roll, 2016

Kira Hancock, Essex, VT

Major: Environmental Engineering, Minor: Math, CEMS
GPA: 3.50
America East Champion, 200 Free Relay, 2016, 2017
America East All-Conference – 100 Back & 200 Relay, 2016
America East Commissioner's Honor Roll, 2015, 2016, 2017

Alex Jenkins

- Neuroscience Major, 3.7 GPA, CAS
- Chair, Student Athlete Advisory Committee
- Captain and four year starter on women's soccer team
- Enrolling in medical school next fall

Catamount Sport Psychology & Counseling

A collaboration between the Center for Health & Wellbeing and the Department of Athletics

The University of Vermont

Faculty Governance – Athletics Advisory Committee

- Current discussion topics
  - Better connections with the broader campus community
  - Overscheduling

Other topics of interest: email me at Pablo.Bose@uvm.edu

Faculty Governance – Faculty Athletics Representative

Look out for student-athlete

- Sufficient time to be a student?
- Support of student-athletes within athletics and academic units
- Run hearings regarding permission to contact
- Administer NCAA surveys

Adherence to NCAA requirements

- Requests for waivers
- Self-report of violations & suggested punishment
- Progress towards degree
- Academic eligibility

Academic Year Report to the Faculty Senate on the UVM Athletics Program, 2015-2016, 2016-2017

Pablo Bose
Associate Professor, Geography
College of Arts & Sciences
Chair, Athletics Advisory Board

Rocki-Lee DeWitt
Professor, Management
Grossman School of Business
UVM Faculty Athletics Representative

This report highlights and summarizes important activities and accomplishments of the UVM athletics program in the 2015-2016, and 2016-2017 academic years. The focus of the report is on matters that are most relevant to university faculty and the Faculty Senate. The report was prepared by Pablo Bose and Rocki-Lee DeWitt who have faculty---based oversight and advisory responsibilities for UVM athletics. Pablo Bose is Chair of the UVM Athletics Advisory Board (AAB), a group of faculty, staff, students, and alumni who have broad advisory responsibilities to the President and the Director of Athletics. Rocki-Lee DeWitt is the UVM Faculty Athletics Representative, appointed by the President, and responsible to UVM and the National Collegiate Athletic Association (NCAA) for oversight relating to matters of academic integrity and student---athlete wellbeing. The members of the Athletics Advisory Board in 2015---16 were Kathleen Liang, CALS; Judy Shaw, CNHS; Pablo Bose, CAS; Rocki-Lee DeWitt, GSB; Patricia Boldwin, Staff; Jason Maulucci, Student; Robert Corran, Athletic Director. The members of the Athletics Advisory Board in 2016-17 were Cheryl Morse, CAS; John Crock, CAS; Pablo Bose, CAS; Rocki-Lee DeWitt, GSB; Bethany Wolfe, Staff; Jason Maulucci, Student; Jeff Schulman, Athletic Director.

1. UVM student---athletes continue to perform at a high level in the classroom. As shown in the table below, student-athlete combined gpas by semester evidence a continued tradition of performance above a GPA of 3.0 or better.

Semester	GPA	% of athletes with above 3.0 gpa	# of athletes with 3.5 or better semester gpa	# of athletes with 4.0 semester gpa
Fall 2015	3.138	65%	32%	18
Spring 2016	3.184	67%	35%	24
Fall 2016	3.113	71.8%	37%	12
Spring 2017	3.193	67%	35%	27

2. America East in the primary athletic conference in which UVM competes; men's and women's hockey compete in Hockey East and men's and women's skiing competes in Eastern Intercollegiate Skiing Association. The Academic Cup is presented to the member university whose student---athletes receive the highest collective grade point average. UVM

has won a conference---best eight Academic Cups, won the award seven years in a row prior to 2012 and also took home the award in its inaugural year (1995---96). The NCAA recognized four UVM athletic teams (men's basketball, men's cross country, indoor track, and women's lacrosse) that earned Division I Public Recognition Awards which honor teams with Academic Progress Rates (APR) in the top 10% of each sport. Academic majors of UVM student---athletes generally reflect those of the student body as a whole. Student---athletes consistently have a higher graduation rate than the overall student body.

3. The AAB met with the coaches of selected teams during its monthly meetings each year. Coaches were asked to describe their team philosophy, and AAB members followed up with questions and comments. Much of the discussion was directed at the academic achievement of student---athletes and matters relating to their well---being. This year, the AAB also met with the leaders of the Student Athlete Advisory Council (SAAC) to discuss matters influencing student---athletes directly.

4. The AAB continued to spend significant time reviewing recent changes in NCAA governance and the potential impact on the UVM Athletic Program. Increased rule making autonomy for the NCAA's 65 largest athletic programs has already resulted in changes that will likely result in increased costs to schools competing at our level.

5. Over the past two years, the Athletic Department (including over 400 student-athletes, coaches, and administrators) continued its long tradition of active service in the community providing over 700 hours of volunteer time. Of notable significance is the Mental Health Initiative spurred by student leadership and UVM student athlete's support of the "You Can Play" initiative. Additionally, student athletes continue to engage in support of school programs where various teams partnered with local schools, visiting regularly and developing relationships with the students. Other community service activities included volunteering for Special Olympics, the Ronald McDonald House, sports clinics, and blood drives.

6. The Athletic Department held Faculty Appreciation Nights in each of the past two academic years during which members of SAAC and team captains invited their "favorite" professor to a dinner to thank them for their support of student--athletes.

7. Members of the AAB conducted "exit interviews" with student---athletes who will be graduating from UVM this year. Findings from these exit interviews were forwarded to the office of the Director of Athletics to be considered as part of annual coach and program evaluations.

8. Faculty Athletics Representative Rocki-Lee DeWitt administered the NCAA surveys on Student Athlete involvement in Wagering (in Spring 2016) and Student Athlete Use of Drugs & Alcohol (in Spring 2017). The NCAA selected two varsity teams at random to complete their annual surveys. The studies are used by NCAA policymakers and member institutions to study the experiences of student---athletes across all sports. More information about the NCAA's commitment to student athlete well-being can be found at: http://www.ncaa.org/health-and-safety

Intercollegiate Athletics Program
University of Vermont

Status: UVM participates at the NCAA Division 1 level, the highest level of collegiate competition.

History: UVM has sponsored intercollegiate athletics for well over 100 years. In the late 1800s, the program consisted of baseball, men's basketball, men's tennis, and men's track and field. Beginning in the 1960s, the UVM Women's Recreation Association began sponsoring several women's intercollegiate teams that were ultimately integrated into the university's program of intercollegiate athletics. Program offerings and conference affiliations have evolved over the years, but intercollegiate athletics remains an important part of the university, encouraging excellence in athletics and academics and providing a common focus among students, faculty, staff, alumni, and friends in Vermont and beyond.

Number of varsity sports: UVM fields varsity teams in 18 sports (men's and women's basketball, men's and women's cross country running, men's and women's ice hockey, men's and women's lacrosse, men's and women's skiing, men's and women's soccer, men's and women's indoor and outdoor track and field, field hockey, and women's swimming).

Number of student---athletes: Approximately 415 UVM students participate in intercollegiate athletics, of which about 60 percent receive some level of athletics---related scholarships.

Athletic conferences: UVM is a member of three athletic conferences: America East, Hockey East, and the Eastern Intercollegiate Skiing Association.

Mission statement: The intercollegiate athletics program at UVM facilitates the personal growth and education of young men and women through their participation in a comprehensive program of NCAA Division I sports. As an integral part of the university, the intercollegiate athletics program actively promotes equity and diversity, fosters the pursuit of academic and athletic excellence, and provides community enrichment.

Academic integrity: UVM student---athletes consistently maintain a collective GPA that exceeds 3.0 and graduate at rates that are highter than general student body. Student---athletes have posted a cumulative GPA of 3.0 or higher for the last 28 semesters, have won the America East Conference Academic Cup seven of the last nine years, and all teams exceed NCAA Academic Progress Report standards. Academic majors of student---athletes reflect those of the overall student body.

Academic support: UVM offers student---athletes academic support services through the Department of Athletics' Office of Student---Athlete Services that operates in conjunction with the UVM Learning Cooperative and student support personnel in academic units. Student---athletes participate in a Life Skills program that includes a mandatory course for all first year student---athletes emphasizing academic excellence, personal and career development, and community service.

Student governance: The Student---Athlete Advisory Council (SAAC) provides a means of communication between student---athletes and the administration of the Athletics Department. The UVM Student---Athlete Code of Conduct, signed each year by all student---athletes, codifies expectations in the areas of athletic excellence, academic integrity, sportsmanship, and citizenship in the campus and larger communities.

Community service: The Athletics Department encourages community participation for all student---athletes and personnel. During the past several years , over 400 student---athletes, coaches, and staff were involved in service activities benefiting UVM, Burlington, the state, and beyond. Activities range widely, including Special Olympics, Green Up Day, sports clinics, blood drives, and fund---raising for cancer research.

Benefits of intercollegiate athletics program: UVM's intercollegiate athletics program encourages excellence in athletics, academic success, health, and personal development among its participants. Competitive success is a source of recognition and pride for the student body, faculty, staff, alumni, and Vermont, and this contributes to the university's initiatives in student recruitment, fundraising, "branding" of UVM, and Vermont relations.

Faculty/staff/student/alumni involvement: Faculty, staff, students, and alumni can become involved in athletics through the Athletic Advisory Board, SAAC (noted above), and attending athletic events.

Tickets to athletic events: Tickets are required for men's and women's hockey, men's and women's basketball, men's and women's soccer, and men's and women's lacrosse. UVM students receive free tickets to all home athletic events. The Ticket Office is located on the balcony at the main entrance to Patrick Gymnasium, or call 656---4410.

Budget: The FY '18 budget for UVM intercollegiate athletics, physical education, and recreation is $21.1M, and this includes salaries, benefits, scholarships, and operating funds. Most of the budget ($15.3M) is derived from a combination of ticket sales, fundraising, marketing, student fees, and university financial aid.

More information: For more information on UVM's intercollegiate athletics program, please visit https://www.uvm.edu/athletics or call 656---3075

Agenda Item 8: Resolution Professional Standards Committee Voting

- **Be it resolved that the University of Vermont should:**
- Establish that PSC members are eligible to vote on RPT cases at, or below, their own rank. This means that: (a) full professors on the PSC are eligible to vote on all RPT cases, except those in their home department/unit, and (b) associate professors on the PSC are eligible to vote on all RPT cases except bids for full professor and those in their home department. Regardless of voting eligibility, the perspectives of all members will be considered in both presenting RPT cases and the subsequent discussions prior voting, because regardless of rank all PSC members have valuable perspectives to share that can inform the vote.

Last updated 10-8-17

University of Vermont, Faculty Senate
Professional Standards Committee: Rank Voting Resolution

Whereas

The Professional Standards Committee (PSC) is charged with reviewing retention, promotion, and tenure (RPT) bids of faculty and making recommendations on those bids to the Provost;

And this is an essential function for the University of Vermont to maintain academic health and integrity;

And this function directly impacts the welfare and career development of the faculty;

And currently there is no written guidance from the Faculty Senate explicitly on PSC voting procedures related to RPT;

And historically RPT voting practices within the PSC have varied over time;

And in most voting units at UVM (e.g., departments), faculty members vote only at, or below, their own rank on RPT cases;

And the vast majority of peer and aspirant institutions have PSC voting practices whereby members only vote on RPT matters at or below their own rank;

And there is need for written clarity on PSC RPT voting practices to ensure the integrity of the process, consistency, predictability, transparency, and fairness.

Therefore be it resolved that the University of Vermont should:

Establish that PSC members are eligible to vote on RPT cases at, or below, their own rank. This means that: (a) full professors on the PSC are eligible to vote on all RPT cases, except those in their home department/unit, and (b) associate professors on the PSC are eligible to vote on all RPT cases except bids for full professor and those in their home department. Regardless of voting eligibility, the perspectives of all members will be considered in both presenting RPT cases and the subsequent discussions prior voting, because regardless of rank all PSC members have valuable perspectives to share that can inform the vote.

Following the Faculty Senate decision about this resolution, the University of Vermont should

- Incorporate the PSC RPT voting decision into a PSC Operating Procedures document to be reviewed and approved by the Senate Executive Council.
- Once approved, the operating procedures should include a date when they were approved by the Senate Executive Council and be posted on the Faculty Senate web site.
- At least once annually, before May 15th of each academic term the PSC should review its operating procedures, propose specific changes if needed, and submit to the Senate Executive Council for review and approval.

Please vote on the Motion:

1) postpone the vote to the next meeting of the Faculty Senate, and 2) request that more information be gathered on why other institutions maintain the policy of restricting RPT voting eligibility to cases at or below their own rank.

- A: Approve
- B: Oppose
- C: Abstain

Research Data Management

FROM: David V. Rosowsky, Provost and Senior Vice President

DATE: March 24, 2017

SUBJECT: Ad Hoc Data Management Committee

At its February meeting, the Faculty Senate passed a resolution (Attachment 1) supporting the appointment of an ad hoc committee charged with developing a data management plan (DMP) for the University. I am writing to request your service on this committee which I have asked Chris Burns and Russ Tracy to co-chair.

The issue of data management is enormously complex and evolving. For this reason, I believe a plan is best developed sequentially in phases. A sequential approach will support our thoughtful consideration of the associated opportunities and challenges, and allow for the emergence of clarity regarding federal data management expectations. Therefore, the charge of this committee will be to:

- Review a recent analysis of data management plans and data management practices on campus (Attachments 2 and 3).[1]
- Conduct a thorough examination of data management plans in place in select peer and comparator institutions; identify common elements; broadly describe different approaches and their strengths and weaknesses.
- Develop standard (and, where appropriate, agency specific) UVM data management plan language for use by faculty members in the submission of grant applications requiring DMP statements.

I will expect the committee's report by October 1, 2017. This report will serve as the basis for defining the next phase in the development a data management plan.

Ad Hoc Committee Members

- Mike Austin, Director of System Administration, Enterprise Technology Services
- Chris Burns, Library Associate Professor, Chair - Faculty Senate Research, Scholarship and Creative Arts Committee
- James Bagrow, Assistant Professor, Department of Mathematics & Statistics
- Lesley-Ann Dupigny-Giroux, Professor and Chair, Department of Geography
- Cindy Forehand, Dean, Graduate College
- Donna O'Malley, Library Associate Professor, Dana Medical Library
- Russ Tracy, Professor, Pathology and Laboratory Medicine

Federal Agency Data Management Plan Requirements

- Types of data produced
- Standards for data and metadata, where there are standards
- Policies for access and sharing, including provisions for appropriate protection of privacy, confidentiality, security, intellectual property, or other rights or requirements.
- Policies and provisions for re-use and redistribution.
- Plans for data archiving and preservation and access

Recommendations

- Become a partner institution of the DMPTool. This a low bar, **no cost** improvement. The tool provides up-to-date agency-specific templates for creating data management plans, which can be customized with UVM specific information if we are institutional partners, making the process of creating these plans easier for researchers.
- Adoption should be followed by promotion and training to ensure that faculty are aware of the tool and comfortable using it.
- The tool should be periodically assessed to ensure that it meets the needs of the University and its researchers.

- Create a research data support team led by representatives from Enterprise Technology Services, the Libraries, and Sponsored Programs, with faculty advisors from across the University.
- Charge this team with coordinating information about data management plans for researchers at UVM, centralizing information found on the Libraries guide and elsewhere on the UVM website. Assign ownership for maintaining this information and promote and update it on a regular basis.
- The outcome should be that researchers find it easy to identify and get support for data management, including the creation of data management plans.

- Assess further faculty data management needs in relation to data management plans and data storage, preservation, and sharing.
- The assessment should expand on the work done by Elizabeth Berman, which was intentionally limited in scope. The assessment should gather information from researchers across campus, who receive funding from a variety of agencies, and provide a broader and more current sense of data management practices at the University.
- The assessment should be designed to inform data management plan templates, guidance provided by administrative units, and as evidence for any new proposals that might involve investments in financial or human resources for tools and services to support data management at the University.

- Review current UVM policies related to research data and identify and fill any policy gaps. The current Intellectual Property Policy refers to a Research Data Retention Policy that is under development, so part of this may be underway already. This document from Wayne State points to the variety of policies/guidelines that touch on data management at that institution - http://rds.wayne.edu/pdf/WSU_Research_Data_Policies_v5.pdf.

TO: David V. Rosowsky, Provost and Senior Vice President

FROM: Mike Austin, Director of System Administration, Enterprise Technology Services
Chris Burns, Library Associate Professor, Chair - Faculty Senate Research, Scholarship and Creative Arts Committee
James Bagrow, Assistant Professor, Department of Mathematics & Statistics
Lesley-Ann Dupigny-Giroux, Professor and Chair, Department of Geography
Cindy Forehand, Dean, Graduate College
Donna O'Malley, Library Associate Professor, Dana Medical Library
Russ Tracy, Professor, Pathology and Laboratory Medicine

DATE: September 30, 2017

SUBJECT: Report of Ad Hoc Data Management Committee

The Ad Hoc Data Management Committee is pleased to share with you our report in response to your charge of March 24, 2017. The report gives a brief overview of data management, addresses the three main tasks outlined in the charge, and makes four recommendations for moving the University forward. In the charge, you assigned the committee the following three tasks:

> *1. Review a recent analysis of data management plans and data management practices on campus.*
>
> *2. Conduct a thorough examination of data management plans in place in select peer and comparator institutions; identify common elements; broadly describe different approaches and their strengths and weaknesses.*
>
> *3. Develop standard (and, where appropriate, agency specific) UVM data management plan language for use by faculty members in the submission of grant applications requiring DMP statements.*

Our recommendations are informed by the first two tasks, an environmental scan of data management plans and data management practices at UVM and peer and aspirant research institutions. There was not enough information available to develop standard data management plan language (in fact the varied requirements of different funding sources and likelihood of on-going changes within each source, make the development of standard language of long-term use problematic); instead we are recommending some practical next steps: to implement a tool (DMPTool, https://dmptool.org/) to support the creation of data management plans, to create a research data support team, to engage more fully with the faculty to identify data management needs, and to work with relevant stakeholders to ensure the University has appropriate data management policies in place.

Overview

Faculty inevitably generate data in the process of conducting their research. These data, almost entirely digital, present significant challenges to ensure that they remain accessible and secure

over their lifespan. While we may be tempted to think of large datasets when talking about research data, smaller datasets present challenges as well and may be receiving even less attention at the institutional or disciplinary level. In addition, data sharing, where possible, is now widely viewed as an important part of scholarly communication.

In 2013, these points were acknowledged and put into a federal directive by the White House Office of Science and Technology. The OSTP directive instructed funding agencies to come up with a strategy for addressing data management concerns. NIH and NSF already had in place mandates for data management plans, and this is the path other federal funding agencies took in response to 2013 OSTP directive.

The Committee reviewed these federal agency requirements for data management plans, with a particular focus on the largest funders of research at UVM (NIH, NSF, DOD, DOE, DOEd, NASA, USDA, DOT). While the agencies vary in how much detail they request and there are agency-specific requirements, our main finding is that the type of information they request generally falls into the following five areas:

1. Types of data produced
2. Standards for data and metadata, where there are standards
3. Policies for access and sharing, including provisions for appropriate protection of privacy, confidentiality, security, intellectual property, or other rights or requirements.
4. Policies and provisions for re-use and redistribution.
5. Plans for data archiving and preservation and access

Charge 1 - Recent analysis of data management plans and data management practices on campus

Elizabeth Berman, former UVM Libraries faculty member, conducted research on the data management practices of selected UVM NSF grant recipients, analyzing 35 data management plans (DMPs) for the period of 2011-2014. Her analysis of these DMPs showed:

- most DMPs listed multiple types of data (e.g. experimental data, images, samples and specimens, surveys, software, geospatial data, etc.) that the research generates or collects
- 51 % of DMPs addressed metadata and data documentation
- 43% of DMPs addressed storage; 40% of DMPs addressed storage and back-up protocols
- 80% of DMPs indicated willingness to share data
- 100% of DMPs addressed data preservation;
- 49% of DMPs specifically mentioned subject data repositories

These results show mixed compliance with NSF requirements. While not addressing all of the requirements in the data management plans did not impact the ability of these researchers to obtain funding, it is a good indicator that best practices for research data management are likely not being followed once the research has begun, possibly putting that data at risk. Berman noted the following two points as key obstacles to this compliance:

1. "The role of **education and outreach** will be critical in any effort to support data management on campus. Not all faculty understand the need to preserve or share research data, and so there is a need to raise awareness to the issues of Open Data and data management planning."

2. There is "…general confusion about **UVM institutional support for research**. Because of the decentralized nature of the institution, there is no single place for a researcher to find information regarding data management planning; information that can be found is often so out of date that it is no longer useful, while other relevant information is well hidden. Faculty don't always know who to talk with to get answers; as a result, there are many misconceptions and misunderstandings about the available infrastructure and services for research faculty."

As Professor Berman noted, there is some support at UVM for research data management and the creation of data management plans, but it is not well documented or well-coordinated among administrative units. Some examples of support are listed below:

- Libraries Guide
  http://researchguides.uvm.edu/datamanagement
- Sponsored Programs Administration
  https://www.uvm.edu/spa/?Page=dataacquisition.html
- IRB Guidance on Data Management in Human Subjects Research (Appendix O, p. 128)
  http://www.uvm.edu/irb/Research%20and%20Policies%20and%20Procedures%20Manuals/researchmanual.pdf
- College of Medicine Biostatistics Core Facility
  http://www.med.uvm.edu/uvmcancercenter/core-facilities/biostatistics
- ETS/Vermont Advanced Computing Core
  http://www.uvm.edu/~vacc/
- ETS Research Storage
  https://www.uvm.edu/it/about/services/?Page=storage.php

Educating faculty about research data management, including better communication about existing institutional support in this area, could go a long way to improving both the quality of data management plans and data management itself at the University.

Charge 2 – Conduct a thorough examination of data management plans in place in select peer and comparator institutions; identify common elements; broadly describe different approaches and their strengths and weaknesses.

Due to the lack of availability of individual data management plans at peer and comparator institutions, we focused our assessment on the support for research data management, and more specifically data management planning, at these institutions. Reviewing institutional websites, we looked at data management plan support, data policies, DMPTool status, data storage, local repositories for preservation and sharing, services provided at the unit level, and the availability of consultations and workshops (see attached spreadsheet). From our study of ten peer and eleven aspirant institutions, gathered from a list of research institutions provided by the OVPR

(see attached list), we can draw some broad conclusions and point to some potential models for UVM.

Conclusions

1. Support for research data management and data management planning varies by institution, but it is almost always handled by information technology, the library, the office of research/sponsored programs, or some combination of the three. Libraries are the most consistent source of information, almost all that we reviewed provide a guide to data management planning, which generally does the following:
   - discusses the common elements in any data management plan
   - links to agency requirements
   - links to the DMPTool (a free tool to assist in creating data management plans, which offers an opportunity for institutions to become members and create customized templates for their researchers).
   - lists resources at the institution and elsewhere for data sharing, storage, and preservation.

2. Almost all institutions have policies relating to research data management. Guidance is found in policies that are explicitly about research data management as well as about narrower and/or related topics. These policies touch on data use, ownership (intellectual property), retention, access, security, and IRB issues. UVM does have policies and guidelines in place that touch on research data, such as the Intellectual Property Policy and the Manual for Human Subjects Research, but appears to be less explicit policy-wise than some of our peer and aspirant institutions, although the current Intellectual Property Policy indicates that a Research Data Retention Policy is under development.

3. The DMPTool has become the *de-facto* tool in the United States for supporting the creation of data management plans. Only one of the 21 institutions we looked at did not point to the tool. Many institutions take the additional steps of becoming "partners" (DMPTool Institutional Members) and customizing the tool. 15 (10 aspirant, 5 peer) of our 21 peer/aspirant institutions are partner institutions and 7 (5 aspirant, 2 peer) of those provide the additional service of customized templates with institution-specific information. This 90-second video is an excellent introduction to the tool - https://dmptool.org/video.

Models

We found strengths and weaknesses at all of the institutions we looked at. A few appear to share one of our main weaknesses: not clearly communicating information about institutional support for data management. However, many institutions have made progress on this issue, as well as other data management issues, and serve as good models for UVM. Below, we highlight some ways in which three of these institutions are supporting data management.

Virginia Commonwealth University

- Detailed policy on Research Data Ownership, Retention, Access, and Security. https://policy.vcu.edu/sites/default/files/Research%20Data%20Ownership,%20Retention,%20Access%20and%20Securty.pdf

- DMPTool partner with customized templates (pointed to from Library and Office of Research and Innovation). Example of a DMP created with a VCU template - https://dmptool.org/plans/15751.pdf
- Use of Open Science Framework to support research and an institutional repository, Scholars Compass, to host and share datasets.
  https://osf.io/institutions/vcu/
  http://scholarscompass.vcu.edu/
- Library Guide with general and institution-specific resources.
  http://guides.library.vcu.edu/data

University of Missouri, Columbia

- Good information about research computing on campus, with clear information about general purpose research storage, including pricing, and a page linking out to other campus resources, such as the Library. https://doit.missouri.edu/services/research/
- Library guide with good general information about data management and data management plans, which links to other campus resources and which their Sponsored Programs office links back to.
  http://libraryguides.missouri.edu/c.php?g=28117&p=173327
- Library guide contains information about general and discipline-specific data repositories, and also points to their institutional repository, and includes language about their repository which can be plugged into a data management plan.
  http://libraryguides.missouri.edu/c.php?g=28117&p=173329

Tufts University

- Research Data Management System provides researchers with tools to address unified data management, data curation, and compliance with federal grant data management mandates. https://it.tufts.edu/rdms
- Data management guide and consulting services from Library - https://tischlibrary.tufts.edu/services/data-management
- DMPTool partner.
- Detailed research data storage information. https://it.tufts.edu/r-drive

Charge 3 - Data Management Plan Language

The rapidly changing landscape of data management requirements makes the development of standard language for long-term use unsatisfactory. Rather, we need to establish a flexible approach that will lend itself to such a mutable environment. Our review of peer and aspirant institutions demonstrated that most institutions either simply point researchers to DMPTool or have taken the additional step of becoming DMPTool partners, thereby adding the ability to provide customized institution-specific templates. The committee believes an easy way to move UVM forward is to become a DMPTool partner and create customized templates within the tool. There is no cost to become a partner. An important step after that would be to gain feedback from faculty on what types of information to include in the templates. This might include suggestions about data storage, sharing, and preservation, both at UVM and beyond, and could be modeled on the many DMP examples that have been made public through DMPTool, and sites like those listed below:

- ICPSR
  https://www.icpsr.umich.edu/icpsrweb/content/datamanagement/dmp/resources.html
- DATAONE example plans
  https://www.dataone.org/data-management-planning
- NSF Engineering Data Management Template, University of Michigan
  http://hdl.handle.net/2027.42/86586

Recommendations

1. Become a partner institution of the DMPTool. There is no fee to become a partner institution. The advantage of using this tool is that it provides up-to-date agency-specific templates for creating data management plans, which can be customized with UVM specific information if we are a partner institution, making the process of creating these plans easier for researchers. Having access to assistance and the most accurate institutional information would also lead to more accurate and higher quality management plans. Adoption should be followed by promotion and training to ensure that faculty are aware of the tool and comfortable using it. The tool should be periodically assessed to ensure that it meets the needs of the University and its researchers.

2. Create a research data support team led by representatives from Enterprise Technology Services, the Libraries, and Sponsored Programs, with faculty advisors from across the University. Cornell's Research Data Management Services Group is one possible model - https://data.research.cornell.edu/content/about.
   Charge this team with coordinating information about data management plans for researchers at UVM, centralizing information found on the Libraries guide and elsewhere on the UVM website. Assign ownership for maintaining this information and promote and update it on a regular basis. The outcome should be that researchers find it easy to identify and get support for data management, including the creation of data management plans.

3. Assess further faculty data management needs in relation to data management plans and data storage, preservation, and sharing. The assessment should expand on the work done by Elizabeth Berman, which was intentionally limited in scope, as well as surveys at other institutions, such as one recently conducted at the University of Central Florida - http://www.ist.ucf.edu/hpc/rcd/Beile_datahandout.pdf.
   The assessment should gather information from researchers across campus, who receive funding from a variety of agencies, and provide a broader and more current sense of data management practices at the University. The assessment should be designed to inform data management plan templates, guidance provided by administrative units, and as evidence for any new proposals that might involve investments in financial or human resources for tools and services to support data management at the University.

4. Review current UVM policies related to research data and identify and fill any policy gaps. The current Intellectual Property Policy refers to a Research Data Retention Policy that is under development, so part of this may be underway already. This document from Wayne State points to the variety of policies/guidelines that touch on data management at that institution - http://rds.wayne.edu/pdf/WSU_Research_Data_Policies_v5.pdf.

Departmentally Controlled myUVM Portal Integrated Course Evaluation Platform

Student Affairs Committee &
Educational Research & Technology Committee
of the Faculty Senate
Fall 2017

The UNIVERSITY of VERMONT

myUVM Portal Survey Platform

- Full Departmental Autonomy
- Integrated for Better Data
  - Higher Completion Rates – Trusted Platform
  - Quality Assurance – Only Students Who Took Class
  - Deeper Data – Demographic Parsing
  - Timing Flexibility – Up Until Grade is ‘Released to Student’
- Two ‘Be It Resolved’s:
  - The Faculty Senate Supports the Notion of an Integrated Solution with Outlined Guardrails
  - A Request for Information (RFI) Committee be formed to solicit Vendor Proposals to Estimate Platform Cost and Technical Requirements

Integrated Course Evaluation Platform in the myUVM Portal

The UNIVERSITY of VERMONT

Starting the day Grade Submissions are Enabled, Course Evaluation Links would be available

Course Grade Survey Gateway Page

CRN	Subject	Course	Sec	Course Title	Final Grade	Attempted	Earned	GPA Hours	Quality Points
14458	CDAE	295	C	Cabot Mkting Chal Part II	Launch Evaluation	3.00	-	-	-
14343	ENGS	050	F	Expository Writing	A	3.00	4.00	3.00	12.00
10208	GEOL	001	A	Earth System Science	*No Grade Posted Yet*	4.00	-	-	-
13798	HST	096	A	D1: North Amer Indians	Launch Evaluation	3.00	-	-	-
13193	PSYC	152	A	Abnormal Psychology	*No Grade Posted Yet*	3.00	-	-	-

	Attempted	Earned	GPA Hours	Quality Points	GPA
Semester*	16.00	6.00	6.00	21.00	3.50
Cumulative*	77.00	77.00	77.00	269.02	3.49
Transfer	0.00	3.00	0.00	0.00	0.00
Overall*	77.00	90	77.00	269.02	3.49

**These numbers do NOT include grades for courses who haven't been posted yet or who the course survey has not yet been completed to release the grade for viewing.*

Student Grade will NOT be Viewable until the course evaluation prompt is addressed (Opt In required)

Faculty View

(After 2 Week Capture Period)

Course Survey Responses				
Term	Fall 2016	Course	BSAD 141	
Instructor	Thomas Chittenden	Section	A	
Responses	*57 out 62*			
1: Strongly Disagree - 2: 2 - 3: 3 - 4: 4 - 5: Strongly Agree		Q1	Q2	Q3
All Responses	Mean	3.89	3.86	3.77
	Median - Interpolated	4.02	4.03	3.92
	Median - Standard	4.00	4.00	4.00
	Std. Dev.	1.01	1.06	1.08
	Min / Max	2.0 / 5.0	1.0 / 5.0	1.0 / 5.0
Class (Mean Scores)	First Year	-	-	-
	Sophomore	3.25	3.21	3.06
	Junior	3.89	3.87	3.80
	Senior	4.25	4.21	4.33
Performance (Mean Scores)	High (A+, A, A-, B+, B or B-)	4.12	4.30	3.87
	Low (C+ or lower)	3.66	3.78	3.75
Major (Mean Scores - Only Available if More than 5 Responses from that Major)	BSAD	4.44	4.62	4.51
	CEMS	3.20	3.10	2.40
	PSCH	3.30	3.22	3.15
	CDAE	4.25	4.21	4.11
	CHEM	2.10	2.54	2.44

The best aspects of this course are:

- The lectures and in class work
- The learn smart modules were a help for multiple choice on the exams
- Loved the assignments and take-home portions of the exams.
- Lectures were fantastic and really "made" the course

This course could be improved by:

- Less quizzes and 2,3 (4?) part exams
- Access was a difficult topic and did not seem useful to me
- Fewer in-class quizzes, greater amounts of assignments applicable to the material learned in class
- Including a project

Agenda Item 10 : Resolution Departmentally Controlled *myUVM* Portal Integrated Online Course Evaluation Platform

- THERFORE BE IT RESOLVED that
  - The University of Vermont Faculty Senate supports the implementation of a *myUVM*-integrated departmentally controlled course evaluation platform.; and
  - The University of Vermont should charge a joint Administration/Faculty Senate committee to develop a Request For Information (RFI) to solicit vendor proposals on a course evaluation platform to meet the desired characteristics outlined above.

Resolution
Departmentally Controlled *myUVM* Portal Integrated Online Course Evaluation Platform

WHEREAS the University of Vermont Faculty Senate passed a motion on online evaluations on April 9th 2012 (FS2012-174) supporting the creation of an online course evaluation platform for UVM courses; and

WHEREAS the University of Vermont Student Government Association passed a resolution supporting the revitalization and standardization of academic course evaluations on November 18th 2014 (SGA2014-04); and

WHEREAS the Student Affairs Committee of the Faculty Senate, the Educational Research & Technologies Committee of the Faculty Senate and the Student Government Association passed additional resolutions calling for an integrated course evaluation system to have the following operational and policy parameters:

- The anonymity of respondent submissions should be maintained in all presented results with specific attention to semantic security limiting multi-dimensional response parsing to only include sub-populations with a minimum number of five collected responses from that sub group;
- Such a platform would make available the course questionnaire to students to complete up until being able to view their final course grade, and that a prompt would ask students if they would like to opt out or in to completing the evaluation;
- If the student opts to complete the course evaluation, this would only occur before the final grade is viewable ensuring that students must complete the course evaluation before their grade is viewable through the online portal;
- Functional units or departments on campus would not be under any obligation to use this integrated platform for course evaluations, and that the determination to do so rests with the governance structures in place within each functional unit/department;
- This platform would place full autonomy and control of the questions, responses and managed access to the responses solely with the functional units or departments on campus currently responsible for managing course evaluations;
- Any implemented system would include data access and access attempt auditing to maintain verifiable integrity over the departmentally controlled responses to these course evaluations.

THERFORE BE IT RESOLVED that

- The University of Vermont Faculty Senate supports the implementation of a myUVM-integrated departmentally controlled course evaluation platform.; and
- The University of Vermont should charge a joint Administration/Faculty Senate committee to develop a Request For Information (RFI) to solicit vendor proposals on a course evaluation platform to meet the desired characteristics outlined above.

Please vote on the Resolution:

Departmentally Controlled *myUVM* Portal Integrated Online Course Evaluation Platform

- A: Approve
- B: Oppose
- C: Abstain