



FACULTY SENATE

Approved Minutes  
February 8, 2016

**Called to order** 4:03 p.m.

**Senators in Attendance:** 57

**Absent:** Senators, Heiss (CDAE), Perry (Extension), Weinstein (Family Medicine), Ross (FPPC), Zdatny (History), Busier (Leadership & Developmental Science), Sherriff (Libraries), Solomon (Neuroscience), Zenali, (Pathology), Ambaye (Pathology), Contompasis (Pediatrics), Feldman (Political Science), Naylor (Psychiatry), Fletcher (School of Engineering), Danks (RSENr), Adams (Surgery), Prue (SAC)

1. Approval of the Minutes.

**Motion:** To approve the minutes of January 11, 2016 as written.

**Vote:** Approve 90%, Oppose 0%, Abstain 10%

2. Faculty Senate President's Remarks- Cathy Paris

Cathy Paris thanked the Senate for the vote of confidence and is honored to serve as Faculty Senate President. Cathy also thanked Lisa Aultman-Hall, Jan Carney, and the Executive Council for their support during the transition in leadership. Cathy provided an overview of some of the efforts the Faculty Senate will be engaged in for the next academic year:

- Develop plans to streamline the efficiency of the Senate Committees
- Review and revise the Faculty Senate Constitution & Bylaws as needed.
- Plan a faculty forum on IBB
- Collaborate on a University wide faculty meeting exploring the characteristics, needs, and challenges of the 21<sup>st</sup> century college students and how faculty can best work with and support them
- Explore computer and Technology needs of the faculty

Cathy invited Senators to contact her with their priorities, interests, and concerns.

Cathy encourage Senators to consider honoring the memory of Professor Larry Kost with a contribution to the Vermont Youth Orchestra. Larry's family and the VYO have established a scholarship fund in Larry's name.

### 3. UVM President & Provost Remarks

President Sullivan thanked Cathy, Lisa, and Jan for their leadership and stewardship of the Faculty Senate, and provided the following update on the Fundraising Campaign as of February 1, 2016:

#### Fundraising Campaign Results

As of 2/16

	Commitments	% of total	Targeted Goals
1) Scholarship	\$47.5 million	18%	33%
2) Faculty Chairs & Professorships (48 to 100)	\$43 million	16%	24%
3) Academic Program Support	\$133 million	49%	22%
4) Facilities	<u>\$45.18 million</u>	18%	21%
<b>Total</b>	\$269 million		

President Sullivan reported that the campaign is going very well, and is ahead of the planned schedule. The total contribution since the campaign planning began is about 55% of goal. The chart above provides a breakdown of fundraising results under four essential priorities that follow the Strategic Action Plan principles:

- 1) Promoting Affordability, Financial Access, and Academic Support to students through scholarship
- 2) Elevating our quest for Excellence in our academic programs with support for faculty. We have doubled the number of endowed chairs from 48 to 100 since the campaign began.
- 3) Academic Program Support includes direct support for programs within colleges, departments, centers, and institutes
- 4) Facilities and infrastructure, of which the physical manifestation is visible on campus.

### 4. Curricular Affairs Committee – Cathy Paris reported on behalf of the new CAC Chair, Laura Almstead

#### **Proposal for a new minor in Neuroscience, CAS\* (VOTE)**

Cathy Paris presented the subcommittee report on the review of the proposal for a new minor in Neuroscience offered through the College of Arts and Sciences. The subcommittee recommended that the proposal be approved. The Curricular Affairs Committee has approved the proposal, and recommends approval by the Senate.

**Cathy Paris called a vote to approve the proposal for a new minor in Neuroscience offered through the College of Arts and Sciences.**

**Approve 96%, Oppose 2%, Abstain 2%**

**Proposal for a new minor in Behavioral Change Health Studies, COM\* (VOTE)**

Cathy Paris presented the subcommittee report on the review of the proposal for a new Minor in Behavioral Change Health Studies submitted by the College of Medicine. The Curricular Affairs Committee approved the proposal and recommends that the proposal be approved by the Faculty Senate.

**Cathy Paris called a vote to approve the proposal for a new minor in Behavioral Change Health Studies. Approve 82%, Oppose 11%, Abstain 7%.**

5. Diversity Curriculum Review Committee – Alec Ewald

The DCRC is a standing subcommittee of Curricular Affairs Committee, and is responsible for the diversity curriculum. DCRC Chair Alec Ewald explained that the DCRC supports implementation of the two-part, University-wide diversity requirement, and is composed of faculty from across the University. The current UVM six-credit diversity requirement for undergraduate students is one D1 course, and either a second D1 course, or a D2 course. The D1 requirement includes courses that deal with race and racism in the United States, and the D2 requirement includes courses that deal with cultural diversity more broadly defined, and is not defined by geography. D2 courses could be, for example, about religion, sexual orientation, gender, or disability. It is important to note that D2 is different from the non-European Culture (NEC) requirement in the College of Arts and Sciences: although some D2 courses satisfy the NEC requirement, there are many that do not. The core work of the DCRC is to review new courses for D1 or D2 designation. In addition, the DCRC responds to student requests for diversity credit for a course taken elsewhere, or for an alternative experience for diversity credit. The DCRC is charged with the periodic review of existing diversity courses, and want to support faculty currently teaching diversity related courses. The DCRC has been involved in the revision of competencies and standards for diversity courses, and will now be involved in their assessment.

6. Roundtable Planning Session on IBB Faculty Needs

Jan Carney introduced the roundtable planning session with the statement that as UVM moves forward with IBB, change is inevitable in all parts of the university community. The Faculty Senate is considering hosting a Forum this Spring for faculty to ask questions and/or express concerns that they may not otherwise have the opportunity to give voice to. This faculty input will inform Senate leadership and Senate committees as they move forward representing the faculty. The roundtable planning session at this meeting answered the questions: How clear is faculty knowledge about IBB? What questions or concerns do faculty have? What type of forum might faculty need at this time?

7. New Business

There was no new business.

8. Adjourn

Motion: To adjourn.

Motion carried.

The meeting was adjourned at 5:15 p.m.

2015 – 2016 Faculty Senate Meetings (all meetings will be held in Memorial Lounge)

*Monday, March 14, 2016, 4:00-5:30pm*

*Monday, April 11, 2016, 4:00-5:30pm*

*Thursday, May 19, 2016, 4:00-5:30pm\**

*\*Meeting will include conferral of degrees*

## Fundraising Campaign Results

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Curricular Affairs Committee of  
the Faculty Senate

**Memo**

To: The UVM Faculty Senate  
From: Curricular Affairs Committee of the Faculty Senate, Cathy Paris, Chair  
Date: January 20, 2016  
Re: Approval of a proposal for a new minor in Neuroscience from the College of Arts and Sciences

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The Curricular Affairs Committee at its meeting of January 7, 2016 unanimously approved the action recommended in the following memo.

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We have reviewed a proposal for a new minor in Neuroscience submitted by the College of Arts and Sciences (CAS) and recommend approval. The minor, like the major, is a collaboration between faculty in the Departments of Psychological Science, Biology, Chemistry, Communication Sciences & Disorders, and Neurological Sciences. It is anticipated that the minor will be offered beginning Fall 2016.

***Program Description and Curriculum***

The field of neuroscience crosses many scientific disciplines. The proposed 18-credit minor is built on established courses balanced between the behavioral and biological sciences, including foundational courses in research methods (PSYS 053) and introductory neuroscience (NSCI 111), and four upper-level courses chosen from a list of cognitive/behavioral options (e.g., PSYS 111, *Learning, Cognition, & Behavior*) and cell/molecular options (e.g., NSCI 225, *Human Neuroanatomy*). Consistent with the interdisciplinary nature of neuroscience, courses that meet requirements for the minor come from three different colleges (CAS, COM, CNHS); the curriculum was designed such that students from multiple colleges should be able to complete the minor.

The 18 credits of coursework required for the minor depend on 15 credits of prerequisite coursework, a number in excess of the 9-12 credits of prerequisite coursework normally permitted for minors. Senate policy allows exceptions to this limit where appropriate, however (<http://www.uvm.edu/~facsen/cac/CACStandardforAcademicMinors3.pdf>). The Neuroscience minor presents such a case: the study of neuroscience requires exposure to foundational concepts in psychological science, chemistry, and biology. In order for the courses that comprise the minor to address the subject in appropriate breadth and depth, a strong foundation in the basic sciences is required. The Neuroscience major Steering Committee, comprising representatives from Neurological Sciences, Psychological Sciences, Biology, and Communications Sciences and Disorders, will oversee the curriculum for the minor.

## Required Courses \*

Number	Name	Prerequisites
PSYS 053	<i>Research Methods</i>	PSYS 001
NSCI 111 <sup>¶</sup>	<i>Exploring Neuroscience</i>	PSYS 001; CHEM 031; BCOR 011/012 (new: "or ANPS 019/020 or BIOL 001/002")
<b>Four</b> courses from Categories A and B, with at least one from each category		
<b>Category A: Cognitive/Behavioral</b> ‡		
PSYS 111	<i>Learning, Cognition, &amp; Behavior</i>	PSYS 001
CSD 281	<i>Cognitive Neuroscience</i>	BIOL 004 or ANPS 019
PSYS 214 <sup>‡</sup>	<i>Advanced Cognitive Neuroscience</i>	PSYS 104/109 or NSCI 110
PSYS 215	<i>Physiological Psychology</i>	PSYS 053; PSYS 115 or NSCI 110
PSYS 217	<i>Animal Behavior</i>	PSYS 053; PSYS 111 or PSYS 115 or NSCI 110
PSYS 219	<i>Sel. Topics. Behav. Neurosci.</i>	PSYS 053; PSYS 115 or NSCI 110
<b>Category B: Cell/Molecular</b>		
BCOR 101	<i>Genetics</i>	BIOL 001/002 or BCOR 011/012; CHEM 031/032
BCOR 103	<i>Molecular &amp; Cell Biology</i>	BIOL 001/002 or BCOR 011/012; CHEM 031/032
BIOL 261	<i>Neurobiology</i>	BCOR 103 or NSCI 110
BIOL 266	<i>Neurodevelopment</i>	BCOR 101; BCOR 103 or NSCI 110
NSCI 225	<i>Human Neuroanatomy</i>	Instructor permission
NSCI 255 <sup>§</sup>	<i>Neuroregeneration</i>	None given for NSCI 295
PSYS 216	<i>Psychopharmacology</i>	PSYS 053; PSYS 115 or NSCI 110
PHRM 201	<i>Intro. to Pharmacology</i>	Intro biology & chemistry
PHRM 290	<i>Topics Mol. &amp; Cell Pharm.</i>	Background in biology & chemistry

\* Department of Neurological Sciences is developing new courses that might also be acceptable electives

<sup>¶</sup> current course (NSCI 110) will be split into NSCI 111 (lecture) and NSCI 112 (lab)

<sup>‡</sup> NSCI 3xx courses accepted with approval

<sup>§</sup> currently offered as 295 special topics course; will become permanent course

### ***Evidence of Demand***

The Neuroscience major was first offered in the fall semester of 2010 and now enrolls well over 200 students. The proposed Neuroscience minor seeks to fill a void in the current offerings. It is designed for students who have a core interest in another field of study and either 1) wish to strengthen their major with courses in neuroscience; or 2) find neuroscience intriguing and want to learn more about it without committing to majoring in the discipline. To date, the opportunities for non-majors to take Neuroscience courses has been quite limited as a result of capacity limitations in NSCI 110, *Exploring Neuroscience*, a core four-credit course with an associated laboratory. Under the plan proposed here, NSCI 110 will be replaced with NSCI 111, *Exploring Neuroscience* (lecture only) and NSCI 112, *Exploring Neuroscience Laboratory* (restricted to majors), thus alleviating the main roadblock to allowing non-majors in NSCI courses.

### ***Relationship to Existing Programs***

The Neuroscience minor offers a very different curriculum from related minors currently offered, which include Psychological Science (PSYS), Biology (BIOL), and Pharmacology (PHRM). Students in the Neuroscience minor will take a foundational course in neuroscience, research methods, and courses in both cell/molecular sciences and cognitive/behavioral sciences. None of the current minors explicitly provide this breadth. Potential overlap with the proposed minor in Behavioral Change Health Studies (College of Medicine) is not of concern as the two curricula serve different purposes and different student populations.

### ***Admission Requirements and Process***

This minor is not available to students majoring in Neuroscience, but is open to students in all other majors.

### ***Anticipated Enrollment and Impact on Current Programs***

Utilizing the current majors-to-minors ratio in Biology and Psychological Science, the proposers estimate that the Neuroscience minor could attract approximately 50 students. Although the proposers acknowledge that the minor may increase enrollments in the associated required and prerequisite courses, they anticipate being able to increase the capacity of NSCI 111 as laboratory sections will no longer be a limiting factor. Additionally the proposers recognize that this minor could increase pressures on prerequisite courses, including introductory biology courses and CHEM 031. The degree of this increase is difficult to predict, as many potential minors would likely come from majors that are already required to take these courses.

### ***Advising***

The Director of the Neuroscience Minor (currently Professor Sayamwong Hammack) will be the contact person for faculty with advising questions.

### ***Staffing Plan, Budget, and Resource Requirements***

No additional resources are required for the minor as the curriculum is composed entirely of existing courses.

***Assessment Plan***

The minor in Neuroscience will be reviewed through the Faculty Senate's Academic Program Review process when the major is reviewed.

***Evidence of Support***

Letters of support have been obtained from the Deans of the College of Arts and Sciences (William Falls) and the College of Nursing and Health Sciences (Patricia Prelock), as well as chairs/faculty representing the Biology minor (Sara Helms Cahan), and the Pharmacology minor (George Wellman). Neuroscience Major Program Director Margaret Vizzard and Chris Landry, Chemistry Chair, also endorse the minor. A letter from the College of Medicine (Dean Frederick Morin) has been requested and is expected soon.

***Strengths of the Program***

The proposed Neuroscience minor is a cross-college and department collaboration that fills a student need, does not compete with other minors, and requires no new resources. The curriculum is well structured to provide students in the minor a broad foundation in neuroscience.

Curricular Affairs Committee of  
the Faculty Senate

**Memo**

To: The UVM Faculty Senate  
From: Curricular Affairs Committee of the Faculty Senate, Cathy Paris, Chair  
Date: January 25, 2016  
Re: Approval of a proposal for a new minor in Behavioral Change Health Studies from the College of Medicine

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The Curricular Affairs Committee at its meeting of January 7, 2016 approved the action recommended in the following memo.

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We have reviewed a proposal for a new 15-credit minor in Behavioral Change Health Studies (BCHS) submitted by Dr. James Hudziak and team at the Vermont Center for Children, Youth, and Families (VCCYF) in the College of Medicine (COM) and recommend approval. It is anticipated that the minor will be offered beginning Fall 2016.

***Program Description and Rationale***

The VCCYF, under the direction of Dr. James Hudziak, has built an international reputation in the areas of health promotion and illness prevention through its focus on the power of brain science in behavioral change. Developed around this expertise, the proposed minor would combine basic, clinical, and applied science in the study of human behavior, genetics, and the structure and function of the human brain. With special emphasis on pathways to wellness, the aim of the program is to provide students with the knowledge to make healthy and educated decisions.

The minor is well aligned with the wellness missions of both the VCCYF and UVM. It is intended to integrate with other healthy living programs being established at UVM to counter drug and alcohol abuse on campus as well as to promote a healthier environment. The minor is intended to serve as one of three pillars, along with a residential life program and a social media program, of the UVM Wellness Environment program proposed by Dr. Hudziak.

***Anticipated Enrollment***

The proposers indicate that one similar program is in existence, at NYU, where the minor is very popular. They indicate a similar anticipated enrollment over the first five years of offering the minor. (At NYU there were approximately 25 students enrolled in the first semester, growing significantly over the next five years). Current enrollment data for BCHS minor courses at UVM follows.

Fall 2015

	<b>Title</b>	<b>Max Capacity</b>	<b># Enrolled</b>
ANPS 193A	Teaching Assistantship	5	1
ANPS 195C	Healthy Brains, Healthy Bodies*	71	71
ANPS 195D	The Science of Happiness	250	36
ANPS 195E	Your Brain on Drugs	250	32
ANPS 195F	Family Wellness Coaching	75	11

\*The proposers note that dozens of students were turned away when the course was moved to a smaller classroom.

Spring 2016

	<b>Title</b>	<b>Max Capacity</b>	<b># Enrolled</b>
ANPS 096A	Healthy Brains, Healthy Bodies	250	145
ANPS 096B	The Science of Happiness	250	50
ANPS 193A	Teaching Assistantship	10	7

***Relationship to Programs Currently Offered/Evidence of Communication with Academic Units***

The proposal notes that the material covered in the minor may be found in numerous fields of study at UVM, among them biology, psychology, exercise science, nursing, and nutrition. The proposers point out that although major and minor programs in various units on campus offer similar content, it is not packaged from a behavioral change, brain science point of view. The proposal indicates the minor would be complementary to many existing programs including those in Nursing and Health Sciences, Arts and Sciences, and Education and Social Services. It is expected that students from these and other units on campus would find the minor appealing.

The proposers note a number of faculty from units named above have been instrumental in the development of the program and will continue to be involved as collaborators with the program on both curriculum and advising issues.

***Advising***

Advising will be handled by the students’ primary faculty advisors using an advising sheet posted online, with additional support from the program’s Curriculum Coordinator when needed. The Coordinator will provide assistance with course selection, strategies for fulfilling the requirements of the minor, arranging credit toward the minor for courses that have not been pre-approved, and will give advice for internships, independent study, and other opportunities.

## Curriculum

Students will begin the minor with COMU 001, *Healthy Brains, Healthy Bodies*. To complete the minor, they must take an additional four courses from the following list of approved classes.

<b>COURSE SECTION</b>	<b>COURSE NAME</b>	<b>COURSE TYPE</b>	<b>PROFESSOR</b>	<b>PREREQS</b>
Currently: ANPS 195 Sec. C *** Will have a new prefix, COMU 001	<i>Healthy Brains, Healthy Bodies: Surviving and Thriving in College</i>	3 Credits In Class Lecture	James J. Hudziak M.D.	NONE
Currently: ANPS 195 Sec. D *** Will have a new prefix, COMU 021	<i>Your Brain on Drugs</i>	3 Credits In Class Lecture	James J. Hudziak M.D.	COMU 001
Currently: ANPS 195 Sec. E *** Will have a new prefix, COMU 022	<i>The Science of Happiness</i>	3 Credits In Class Lecture	Andrew Rosenfeld, M.D.	NONE
Currently: ANPS 195 Sec. F *** Will have a new prefix, COMU 122	<i>Family Wellness Coaching</i>	3 Credits In Class Lecture	Alison Hall, M.D.	COMU 001
COMU 123	<i>The Effects of Adversity on Brain and Genome</i>	3 Credits In Class Lecture	Robert Althoff, Ph.D. , M.D.	COMU 001
COMU 151	<i>Developmental Psychopathology and Wellness</i>	3 Credits In Class Lecture	Andrew Rosenfeld, M.D.	COMU 123 or COMU 021
COMU 152	<i>Introduction to Child Psychiatry</i>	3 Credits In Class Lecture	David Rettew, M.D.	COMU 122
COMU 191	<i>The Health, Brain, and Behavioral Consequences of Concussion</i>	3 Credits In Class Lecture	James J. Hudziak, M.D.	COMU 123 or COMU 021
COMU 197	Independent Study	3 Credits	James J. Hudziak, M.D.	3 Credits of COMU 1**
COMU 198	Teaching Assistantship	3 Credits	James J. Hudziak, M.D.	3 Credits of COMU 1**

### Admission Requirements and Process

Any student in good standing at UVM will be accepted into the program.

***Staffing Plan, Budget, and Resource Requirements***

Staffing for the proposed program will involve the current staff of the VCCYF under the supervision of Dr. Hudziak. The proposal indicates the staff will modify their present assignments in order to offer the program under their current workloads. Based on this model, the proposers state that they do not anticipate any additional costs for the minor.

***Assessment Plan***

The minor in Behavioral Change Health Studies will be reviewed through the Faculty Senate's Academic Program Review process on the standard eight-year cycle.

***Evidence of Support***

Letters of support were provided by the Curriculum Committee and Dean of the College of Medicine, as well as the Deans of CAS and CNHS and the chairs of Neuroscience and Psychological Sciences.