MEMORIAL UNIVERSITY OF NEWFOUNDLAND
Academic Council of the School of Graduate Studies
Minutes, February 16, 2015

PRESENT: Dr. F. Murrin (Chair), Dr. K. Side, Dr. L. Lye, Dr. D. Moralejo, Dr. S. Cadigan, Dr. J. Doré, Dr. K. Tahlan, Ms. K. Lord, Dr. T. Seifert, Professor L. Wetsch, Ms. A. Gilbert, Dr. S. Matthews, Dr. T. Norvell, Ms. C. Walsh, Ms. L. Busby, Dr. D. Farquharson, Dr. E. Pittman

APOLOGIES: Dr. P. Coady, Dr. B. LeFrancois, Dr. J. Weber, Dr. A. Mercier, Dr. P. Foley, Dr. K. Arnold, Dr. A.M. Sullivan, Dr. X. Li, Dr. B. Roebothan, Dr. K. Szutor

The Chair welcomed the following faculty from Grenfell Campus, via teleconference, in relation to item 6.a)iii) of the agenda:

- Dr. Gallant (Head Science)
- Dr. Unc (BERI)
- Dr. Krishnapilla (Science)

1. MINUTES:

   It was moved by Dr. Farquharson, and seconded by Ms. Lord, that the minutes of January 19, 2015 be approved. The motion

   CARRIED

2. BUSINESS ARISING

3. CORRESPONDENCE

4. DEAN'S REPORT/REPORT OF SENATE

   a) SGS is accepting nominations for the 2015 Dean's Awards for Service Excellence. Units are encouraged to submit nominations. Last year's winners were Michelle Miskell, Earth Sciences and Annette Sullivan, Archaeology.
   b) At the regular meeting of Senate, February 10, 2015, all items from Academic Council, under the Consent Agenda, were approved. There was one item under the Regular Agenda, New Graduate Diploma Program in Educational Leadership Studies, and that was approved.

5. REPORT OF THE GRADUATE STUDENTS' UNION

   a. The Aldrich Conference will be held March 20-22, 2014.
   b. Nominations are open for the Excellence Awards in each of the 3 frameworks, and in partnership with the following:

$1000 Conference Credit from the Office of the Provost and Vice President (Teaching and Learning);
$1000 Credit Memorial Computer Purchasing Centre (Public Engagement)
$1000Conference Credit from The Vice-President (Research)

Dr. Murrin noted that the GSU is working with SGS, to offer a Tri-Council (SSHRC/NSERC/CIHR) information session, during the conference.

6. STANDING COMMITTEES

a. Academic Council Executive

i) Nursing – Calendar Revisions

The School of Nursing is requesting revisions to regulations 2.1.6 and 21.4., items 2 and 3, which, in keeping with the sequencing of clinical courses, have requesting that the course be numbered I through IV.

It was moved by Dr. Moralejo, and second by Dr. Doré, that the proposed revisions be approved. The motion

CARRIED

Regulations 2.16 and 21.4 will now read:

21.4.2 Nurse Practitioner Option

1. Candidates must complete an approved program of studies consisting of a minimum of 36 credit hours in graduate program course and an integrated clinical practice experience, comprising 12 credit hours.

Required courses:

6010 Research in Nursing: Quantitative Methods
6011 Philosophical and Theoretical Foundations of Nursing
6020 Program Development in Nursing
6100 Research in Nursing: Qualitative Methods
6221 Population-Based Nursing (equivalent 6220 and 6230)
6240 Nursing Individuals and Families Through Life Transitions (equivalent to 6200 and 6210)
6251 Writing Skills for Nurse Practitioners (1 credit hour) (Students who have transferred from the practicum option and have credit for 6250 Foundations for Nursing Practice will have this course waived)
6701 Advanced Practice Issues and Role Development (2 credit hours)
6703 Advanced Health Assessment and Clinical Practicum 1 (4 credit hours)
6704 Applied Pathophysiology and Clinical Practicum II (4 credit hours)
6705 Pharmacotherapy and Therapeutics

Either one of: 6800 Adult Advanced Clinical Decision Making **III** (4 credit hours)
{or the former 6800 Adult Advanced Clinical Decision Making (4 credit

hours)}, 6802 Family/All Ages Clinical Decision Making **III** (4 credit hours) **{or the former 6802 Family/All Ages Clinical Decision Making (4 credit hours)}**, or, one of: 6803 to 6809 Nursing Specialty Option Courses (4 credit hours)

690X Advanced Clinical Practicum **IV** (The integrated practice component will normally consist of a minimum of 400 hours of preceptored specialty clinical practice and biweekly seminars) (12 credit hours**), {or the former 690X II (The integrated practice component will normally consist of a minimum of 400 hours of preceptored specialty clinical practice and biweekly seminars) (12 credit hours)}**

2. The program of each candidate shall be approved by the Dean of Graduate Studies on the recommendation of the Dean of the School of Nursing.

21.4.3 Post Masters Nurse Practitioner Graduate Diploma

1.Candidates with a Master's Degree in Nursing or an equivalent Degree with a nursing focus must complete an approved program of student consisting of a minimum of 17 credit hours in graduate program courses and integrated clinical practice experience, comprising 12 credit hours.

Required courses:
6701 Advanced Practice Issues and Role Development (2 credit hours)
6703 Advanced Health Assessment and Clinical Practicum 1 (4 credit hours)
6704 Applied Pathophysiology and Clinical Practicum II (4 credit hours)
6705 Pharmacotherapy and Therapeutics

Either one of: 6800 Adult Advanced Clinical Decision Making **III** (4 credit hours), **{or the former 6800 Adult Advanced Clinical Decision Making (4 credit hours)}**, 6802 Family/All Ages Clinical Decision Making **III** (4 credit hours), **{or the former 6802 Family/All Ages Clinical Decision Making (4 credit hours)}**, or, one of: 6803 to 6809 Nursing Specialty Option Courses (4 credit hours)

690X Advanced Clinical Practicum **IV** (The integrated practice component will normally consist of a minimum of 400 hours of preceptored specialty clinical practice and biweekly seminars) (12 credit hours), **{or the former 690X II (The integrated practice component will normally consist of a minimum of 400 hours of preceptored specialty clinical practice and biweekly seminars) (12 credit hours)}**

2. Programs for some candidates may exceed the above minimum requirements.

3. The program for each candidate shall be approved by the Dean of Graduate Studies on the recommendation of the Dean of the School of Nursing.

On p.605, of the 2014-2015 University Calendar.
2.1.6 Courses
A selection of the following graduate courses will be offered to meet the requirements of candidates as far as the resources of the School of Nursing will allow.

6010 Research in Nursing I: Quantitative Methods (4 credit hours)
6011 Philosophical and Theoretical Foundations of Nursing
6020 Program Development in Nursing *(Pre or co-requisite: 6011)*
6031 Education in Nursing
6100 Research in Nursing: Qualitative Methods *(pre or co-requisite: 6011)*
6221 Population-Based Nursing *(equivalent to 6220 and 6230)*
6240 Nursing Individuals and Families Through Life Transitions *(pre or co-requisite: 601l) (equivalent to 6200 and 6210)*
6250 Foundations for Advanced Nursing Practice (*This course is a prerequisite for all other courses for students in the practicum option though may be taken as a co-requisite in the first term of the program)*
6251 Writing Skills for Nurse Practitioners (1credit hour) *(This course is a prerequisite for all other courses for students in the MN-NP option though may be taken as a co-requisite in the first term of the program)*
6310-6350 Special Topics in Nursing
6501-10 Individual Readings and Research in Special Areas
6660 MN Practicum I *(prerequisites: All required courses including 6020 or 6031)*
6661 MN Practicum II *(prerequisites: All required courses Including 6660 MN Practicum I)*
6701 Advanced Practice Issues and Role Development (2 credit hours)
6703 Advanced Health Assessment and Clinical Practicum I (4 credit hours)
6704 Applied Pathophysiology and Clinical Practicum II (4 credit hours)
6705 Pharmacotherapy and Therapeutics
6800 Adult Advanced Clinical Decision Making **III** (4 credit hours), **{or the former 6800 Adult Advanced Clinical Decision Making (4 credit hours)}**
6802 Family/All Ages Clinical Decision Making **III** (4 credit hours), **{or the former 6802 Family/All Ages Clinical Decision Making (4 credit hours)}**
One of: 6803 to 6809 Nursing Specialty Option Courses (4 credit hours)
690X Advanced Clinical Practicum **IV** (*The integrated practice component will normally consist of a minimum of 400 hours of preceptored specialty clinical practice and biweekly seminars)* (12 credit hours), **{or the former 690X Advanced Clinical Practicum II (*The integrated practice component will normally consist of a minimum of 400 hours of preceptored specialty clinical practice and biweekly seminars)* (12 credit hours)}**

ii) Computer Science – Calendar Revisions

The Department of Computer Science is requesting approval of revisions to

- regulations 25.10.2 / 25.10.3 (research forum presentation requirement is removed for the course-based MSc students; the Information Systems course is removed; students are required to take at least one more course after their work term requirements; and the Division of Co-operative Education Co-ordinator has been changed to reflect the administrative change in Co-operative Education).
- Regulation 25.10.4. and 31.7.2. (revisions reflect the deletion of existing courses, and the addition of new courses).

It was moved by Dr. Tahlan, and seconded by Ms. Lord, that the proposed revisions be approved. The motion

CARRIED

The regulations will now read:

25.10.2.1 Option 1 - Thesis Route

1. Candidates are required to complete a minimum of 15 credit hours in graduate program courses, 9 of which must be in Computer Science (excluding COMP 601W and COMP 6999).

2. Full-time students are expected to complete their course work within their first year of studies. Part-time students are expected to complete their course work by the end of the seventh semester in **their** program.

3. Candidates must participate in the Research Forum at least once during their program. The Student Research Forum is organized by the Department of Computer Science and takes place in the Winter term of each academic year.

~~3~~**4.**. Each candidate is required to submit an acceptable thesis. The thesis project may involve a theoretical investigation and/or the development of an original, practical system. Each candidate is required to present a tentative outline of his/her proposed research to the Supervisor, with a copy to the Department Committee on Graduate Studies, by the end of his/her third semester in the program (sixth semester for part-time students). A fifteen minute oral presentation of the proposal is to be scheduled and given within four weeks of the submission date.

~~4~~.**5.** Prior to submission of a thesis, normally in the last semester of the program, candidates are required to present a seminar on the thesis topic, methods employed, and research results.

25.10.2.2 Option 2 - Course/Project Route with Work Term

1. Candidates are required to complete a minimum of 24 credit hours in graduate program courses, of which at least 18 credit hours must be in Computer Science.

2. Within this credit requirement, a student must take the following courses:

COMP 6999 (Master's Project)
One course in Software Engineering ~~(COMP 6713)~~ **(COMP-6905)**
One course in Algorithms ~~(COMP 6743 or COMP 6783)~~ **(COMP-6901 or COMP-6902)**
~~One course in Information Systems (COMP 6742 or COMP 6751)~~

3. Additionally students ~~must~~ **are required to** complete one co-operative education work term (COMP 601W). ~~Under normal circumstances, students will undertake their work term in the Spring semester.~~ **The work term is a full-time, paid work experience with one employer and either a four or eight months in duration. The work term should start in the third semester of the program. The work term can be deferred to the fourth semester, but normally only in the event of an unsuccessful job search for the third semester.**

4. The dates for starting and finishing each work term are shown in the University Diary.

5. Students must successfully complete at least 12 credit hours (four courses) prior to beginning their work term. **Students must have at least one required course remaining after their work term.**

6. Students will conduct job searches ~~through~~ **with** ~~the Division of Co-operative Education~~ **an Academic Staff Member in Co-operative Education** in cooperation with the Department of Computer Science. **It is the student's responsibility to seek and obtain a work term placement and to communicate with all parties both within the university and beyond in a professional manner. Work term placements cannot be guaranteed by the Department of Computer Science or an Academic Staff Member in Co-operative Education, although every effort will be made to assist students in their job search.** ~~Students who do not wish to accept a work term job arranged by the Division shall be responsible for finding an alternative. Such jobs~~ **Work term placements obtained outside the job competition** must be confirmed by letter from the employer and approved by the Head of Computer Science and by ~~the Division~~ **an Academic Staff Member in Co-operative Education** on or before the first day of the work term. Work term ~~jobs~~ **placements** may be outside ~~St. John's and possibly~~ ~~outside~~ Newfoundland and Labrador.

7. Each work term placement will be supervised by the candidate's program Supervisor, the on-site Supervisor assigned by the employer and ~~the Division of Co-operative Education~~ **the Academic Staff Member in Co-operative Education**. The overall evaluation of the work term is the responsibility of the program Supervisor, on-site Supervisor and ~~the Division of Co-operative Education~~ **the Academic Staff Member in Co-operative Education**. The work term shall consist of two components:

    a. On-the-job Student Performance as evaluated by the on-site Supervisor and ~~the Division of Co-operative Education~~ **the Academic Staff Member in Co-operative Education**, in consultation with the program Supervisor.

    b. A Work Report graded by the program Supervisor in consultation with the on-site Supervisor.

8. Evaluation of the work term will result in the assignment of one of the following final grades:

    a. **Pass with Distinction: indicates outstanding performance in both the work report and work performance.**

    ~~a.~~**b.** Pass: Indicates that PERFORMANCE MEETS EXPECTATIONS in both the work report and work performance.

    ~~b.~~**c.** Fail: Indicates FAILING PERFORMANCE in the work report and/or the work performance. If a failing grade is assigned, the student's Masters program will be terminated.

9. Prior to graduation and after successfully completing COMP-6999 (Master's Project), candidates are required to present a seminar on their projects.

25.10.3 Other Regulations

1. Students from either Option 1 - Thesis Route or Option 2 - Course/Project Route with Work Term may request to transfer between both options once during their studies, **after at least two semesters in the program**. The transfer requires an approval from the Head of Department.

2. All candidates are expected to take an active part in seminars and other aspects of the academic life of the Department of Computer Science.

~~3. The Department of Computer Science Graduate Student Research Forum takes place in the Winter semester of the academic year. All M.Sc. students must present at the Research Forum at least once during their program.~~

4.**3.**Full-time students are expected to complete all program requirements in two years. Part-time students are expected to complete all program requirements in

25.10.4 Courses

601W Work Term
~~6711 Syntax and Semantics of Programming Languages~~
~~6713 Software Engineering~~
~~6731 Topics in Numerical Methods~~
~~6732 Matrix Computations~~
~~6738-6739 Special Topics in Numerical Methods~~
~~6742 Theory of Databases~~
~~6745 Special Topics - Advanced Computational Geometry~~ \
~~6752 Applications of Computer Graphics~~
~~6755 Knowledge-Based Systems~~
~~6756 Digital Image Processing~~
6758-6769 Special Topics in Computer Applications
6770-6790 Special Topics in Computer Science ~~(excluding 6783)~~
690 A/B Research Methods in Computer Science
6901 Applied Algorithms *(credit may be obtained for only one of 6901 and 6783)*
6902 Computational Complexity *(credit may be obtained for only one of 6902 and 6743)*
6903 Concurrent Computing
6904 Advanced Computer Architecture *(credit may be obtained for only one of 6904 and 6722)*
6905 Software Engineering *(credit may only be obtained for one of 6905 or 6713)*
6906 Numerical Methods *(credit may only be obtained for one of 6906 or 6731)*
6907 Introduction to Data Mining *(credit may be obtained for only one of 6907 and 6762)*
6908 Database Technology and Applications *(credit may be obtained for only one of 6908 and 6751)*
6909 Fundamentals of Computer Graphics *(credit may be obtained for only one of 6909 or 6752)*
6910 Services Computing, Semantic Web and Cloud Computing
6911 Bio-inspired Computing
6912 Autonomous Robotics *(credit may be obtained for only one of 6912 and 6778)*
6913 Bioinformatics
6914 3D Modelling and Rendering
6915 Machine Learning
6916 Security and Privacy
6918 Digital Image Processing *(credit may be obtained for only one of 6918 or 6756)*
6921 Syntax and Semantics of Programming Languages *(credit may be obtained for only one of 6921 or 6711)*
6922 Compiling Methods *(credit may be obtained for only one of 6922 and 6712)*

6924 Formal Grammars, Automata and Languages
6925 Advanced Operating Systems
6926 Performance Evaluation of Computer Systems
6928 Knowledge-Based Systems (credit may be obtained for only one of 6928 or 6755)
6929 Advanced Computational Geometry *(credit may be obtained for only one of 6929 or 6745)*
6930 Theory of Databases *(credit may be obtained for only one of 6930 or 6742)*
6931 Matrix Computations and Applications *(credit may only be obtained for one of 6931 or 6732)*
6932 Matrix Computations in Control *(credit may only be obtained for one of 6932 or 6738)*
6999 Master's Project

Page 646

31.7.2 Courses

~~6711 Syntax and Semantics of Programming Languages~~
~~6713 Software Engineering~~
~~6731 Topics in Numerical Methods~~
~~6732 Matrix Computations~~
~~6738-6739 Special Topics in Numerical Methods~~
~~6742 Theory of Databases~~
~~6745 Special Topics - Advanced Computational Geometry~~ \
~~6752 Applications of Computer Graphics~~
~~6755 Knowledge-Based Systems~~
~~6756 Digital Image Processing~~
6758-6769 Special Topics in Computer Applications
6770-6790 Special Topics in Computer Science ~~(excluding 6783)~~
690 A/B Research Methods in Computer Science
6901 Applied Algorithms *(credit may be obtained for only one of 6901 and 6783)*
6902 Computational Complexity *(credit may be obtained for only one of 6902 and 6743)*
6903 Concurrent Computing
6904 Advanced Computer Architecture *(credit may be obtained for only one of 6904 and 6722)*
6905 Software Engineering *(credit may only be obtained for one of 6905 or 6713)*
6906 Numerical Methods *(credit may only be obtained for one of 6906 or 6731)*
6907 Introduction to Data Mining *(credit may be obtained for only one of 6907 and 6762)*
6908 Database Technology and Applications *(credit may be obtained for only one of 6908 and 6751)*
6909 Fundamentals of Computer Graphics *(credit may be obtained for only one of 6909 or 6752)*
6910 Services Computing, Semantic Web and Cloud Computing
6911 Bio-inspired Computing
6912 Autonomous Robotics *(credit may be obtained for only one of 6912 and 6778)*
6913 Bioinformatics
6914 3D Modelling and Rendering
6915 Machine Learning
6916 Security and Privacy

6918 Digital Image Processing *(credit may be obtained for only one of 6918 or 6756)*
6921 Syntax and Semantics of Programming Languages *(credit may be obtained for only one of 6921 or 6711)*
6922 Compiling Methods *(credit may be obtained for only one of 6922 and 6712)*
6924 Formal Grammars, Automata and Languages
6925 Advanced Operating Systems
6926 Performance Evaluation of Computer Systems
6928 Knowledge-Based Systems (credit may be obtained for only one of 6928 or 6755)
6929 Advanced Computational Geometry *(credit may be obtained for only one of 6929 or 6745)*
6930 Theory of Databases *(credit may be obtained for only one of 6930 or 6742)*
6931 Matrix Computations and Applications *(credit may only be obtained for one of 6931 or 6732)*
6932 Matrix Computations in Control *(credit may only be obtained for one of 6932 or 6738)*

Course Descriptions

690A/B Research Methods in Computer Science
This course introduces basic skills required for conducting research in Computer Science, such as data analysis tools, peer review guidelines, technical writing and presentation. It also offers training on creative thinking and problem-solving skills. To learn the skills hands on, each student is required to work on an individual course project throughout the course, starting from surveying the literature to proposing a topic to finishing a report and presenting it to the department.

6905 (credit restricted with COMP 6713) Software Engineering
The techniques to formally specify software, transforming the formal specification to architecture, and then implementation are the main topics of this course. Some techniques can include UML, and OCL, Z, Object-Z, Alloy, Design Patterns, CASE tools, verification, and testing.

6906 (credit restricted with COMP 6731)
The development of algorithms for the numerical solution of selected mathematical problems, and the study of the numerical stability of some of these algorithms are the main objectives of this course. The efficiency of these algorithms with respect to speed (of computation and data communication) and storage requirements is considered as well. Emphasis will also be placed on the study of the sensitivity of selected problems to perturbations in the data.

6909 (credit restricted with COMP 6752)
This course introduces the students to the fundamental concepts of computer graphics and their applications. The underlying algorithms, as well as the basic techniques to develop them, are presented. Topics

of the course include 2D raster graphics, image warping and morphing, geometrical transformations, 3D modeling and rendering.

6914 3D Modeling and Rendering

Starting with a brief introduction on the fundamental knowledge of 3D computer graphics, this course focuses on recent advances on modeling and rendering techniques. The part on modeling coers both mesh-based and point-based model creation approaches, as well as image-based modeling algorithms. The topics on rendering include both photorealistic, and non-photorealistic, and image-based rendering.

6918 (credit restricted with COMP 6758)

This course introduces the fundamental techniques for digital image processing. Topics include image enhancement using various sptial and frequency domain filters, morphological Operations for binary images, and image restoration algorithms, image analysis techniques such as edge detection and image segmentation are also discussed.

6921 (credit restricted with COMP 6711)

The objective of the course is to develop a mathematical Understanding of programming language syntax and semantics. The relationship between these two components is captured as an algebraic one between the same kind of mathematical structures. Students interested in programming languages will have the opportunity to substantially broaden their undergraduate level knowledge by taking this course.

6925 To introduce basic concepts of formal languages, formal grammars and finite-state automain, to study general properties of different classes of formal languages, and to discuss their practical use in programming languages, compiler design, design of algorithms, etc.

6928 (credit restricted with COMP 6755)

This course provides students the major ideas of artificial intelligence and knowledge-based systems so that they will understand and be able to implement knowledge-based systems. The topics include introduction of knowledge-based systems, automated reasoning, PROLOG programming language, problem solvers, knowledge representations and organization, uncertainty reasoning, knowledge-based system development, and multi-agent systems.

6929 (credit restricted with COMP 6745)

This course introduces advanced problems related to Computational Geometry, Geometric problems arising from many application such as Graphics, Graph Drawing, will be discussed. The corresponding

algorithms for solving these problems and the complexities of these algorithms will be analyzed. The major techniques for attacking geometric problems are reviewed. Some open problems will be discussed.

6930 (credit restricted with COMP 6742)

This course will cover several topics related to transactional aspects in centralized and distributed database systems, and in advanced database applications; multidatabase systems, cooperative information systems, workflow management systems, Web services, electronic contracts, mobile applications and cloud computing.

6931 (credit restricted with COMP 6732)

The course is an introduction to the techniques of Numerical Linear Algebra. Emphasis is placed upon developing the most recent and reliable numerical algorithms. The Numerical Stability of selected algorithms as well as the Sensitivity (Conditioning) of selected problems will be studied. Students in any discipline who are interested in studying, as well as developing efficient numerical solutions of problems that originate in linear algebra should find this course interesting.

6932 (credit-restricted with COMP 6738)

The course will focus on how to apply Scientific Computing in Control Theory. More specifically Matrix Computations techniques will be applied to Control problems that are governed by Linear Time-Invariant, Finite Dimensional Systems. Students from Mathematics, Computational Sciences, Computer Sicence and especially Electrical and Mechanical Engineering will experience how Numerically Efficient algorithms solve selected Control Theory problems.

iii) Proposed New Master of Science in Agricultural, Forest and Environmental Science Program

This is a new program proposal from Grenfell Campus. It is an interdisciplinary thesis-based program that builds on the four existing undergraduate programs, and will complement the existing Masters in Environmental Policy graduate program.

This is before Academic Council, for approval in principle, so that the program proposal can go to an external review. The proponents are requesting that this program be in place for September 2015. This proposal was vetted through ACE with requested revisions such as:

- course forms for all new courses being proposed
- the listing of five new faculty hires, with their CVs included in the proposal, as well as the highlighting of the areas that can be identified as immediate research areas for the students on admission to the program.
- 'Director' is referenced in the proposal, but it has been recommended that 'Graduate Officer' and 'Administrative Officer' may be more appropriate. Also, will tuition fees cover the cost of the 'Director', which is what appears to be implied in the budget?

This proposal is being vetted through the Faculty Council of Science, and if Council approves the program in principle, it will be pending approval by the Faculty Council of Science (meeting to be held February 18th).

It was moved by Dr. Farquharson, and seconded by Dr. Lye that the proposed new MSc program be approved in principle to permit an external review.

Discussion:

The program has special fees in its budget, and therefore it this program will be vetted through the Board of Regents. The special fees are listed and the proponents are putting this information upfront. Baseline funding for programs with special fees are not increased. Baselines do differ, depending on the units.

It was suggested that opening this program up to a course-based option would increase student interest in the program. Dr. Krishnapilla noted that the course based option was discussed and it was felt that with only a thesis-route, student's programs can be more geared towards their own interest.

Dr. Farquharson thought that the ability of student's to pursue their own interest is a great point that should be emphasized in the proposal.

On the call for question, the motion (unanimously)

CARRIED

Post Script:
A motion was put forward to the Science Faculty Council to approve this program in principle, on condition that Dr. Norm Catto is given the opportunity to meet with the proponents of the proposal and the Review Committee prior to the submission of their final report to the SGS, and before final presentation to the SGS Academic Council and Senate. The vote on this

motion closed at 5:00 pm on Wednesday, February 25th. The motion (unanimous)

CARRIED

7. ANY OTHER BUSINESS
8. NOTICE OF MOTION
9. ADJOURNMENT

The meeting adjourned 4:35 pm.

_____ _____

Faye Murrin, Acting Chair David Behm, Secretary