

Senate Committee on Academic Development Report to Senate –Meeting of November 25, 2010

Proposal to establish the Donald and Joan McGeachy Chair in Biomedical Engineering in the Faculty of Engineering and Applied Science

Introduction

The proposal to establish the Donald and Joan McGeachy Chair in Biomedical Engineering in the Faculty of Engineering and Applied Science was reviewed by the Senate Committee on Academic Development (SCAD) at its meeting on November 17, 2010. K. Woodhouse, Dean, Faculty of Engineering and Applied Science, attended the meeting to speak to the proposal and answer questions from Committee members. Members of SCAD were provided with the academic terms of reference for the Chair. In addition, budget information as associated with the proposed Chair for the first five years were provided.

Analysis and Discussion

The following should be noted:

- x An endowment in support of the proposed Chair has been established by donors, Donald (BSc'40) and Joan McGeachy
- x The proposed Chair will provide intellectual leadership in the area of biomedical engineering at both national and international levels. The Chair holder will show leadership in the development of graduate and undergraduate students, mentor new faculty members and work closely with physicians and basic scientists;
- x The area of biomedical engineering involves collaboration between the disciplines of engineering, medicine, health sciences and information technology;
- x The inaugural chair will be held by an internal faculty member of the Department of Mechanical and Materials Engineering;

Memo



TO: Georgina Moore, Secretary to Senate

COPY: Celia Russell, Associate Secretary to Senate

FROM: :

FACULTY OF ENGINEERING AND APPLIED SCIENCE
OFFICE OF THE DEAN

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November 17, 2010

SUBJECT Motion

As required under the Senate "Policy on the Establishment and De

Queen's Faculty of Engineering and Applied Science Donald and Joan McGeachy Chair in Biomedical Engineering

Establishment of Fund

The Donald and Joan McGeachy Chair in Biomedical Engineering Endowment Fund was established by Donald (BSc. '40 – Mechanical Engineering) and Joan McGeachy.

Purpose

The Donald and Joan McGeachy Chair in Biomedical Engineering will solidify this academic discipline within the Faculty of Engineering and Applied Science and offers a lasting opportunity to impact present and future students' education. As a prestigious position for a faculty member,

Nomination procedure

Individuals may self-nominate or be nominated by others. In all cases, candidates must provide a current curriculum vitae, a brief summary of their research plans for the next five years, and any other relevant material that they choose. External candidates must follow regular University hiring procedures.

Selection procedure

Selection will be made by a committee of faculty members who undertake research in biomedical engineering including one representative from Chemical Engineering, Electrical and Computer Engineering, and Mechanical and Materials Engineering, the Associate Dean of Research, Graduate Studies, and External Affairs or designate, a member who represents either the clinical or science disciplines, one graduate student and one undergraduate student representative. The Dean or designate will chair the committee.

Terms of the Award

The Donald and Joan McGeachy Chair in Biomedical Engineering is awarded for a one to five year period. Recipients receive a minimum of \$15,000 in research funding per year during the tenure of the award.

A CHECKLIST OF INFORMATION REQUIRED BY THE SENATE FOR PROPOSALS TO ESTABLISH AND DESIGNATE NAMED AND FUNDED CHAIRS AND PROFESSORSHIPS

The Senate determines all matters of an academic character which affect the University as a whole. Senate approves the establishment and designation of named and funded Chairs and Professorships based on the recommendation of the Senate Committee on Academic Development (SCAD) and the Office of the Provost and Vice-Principal (Academic). The Senate will forward the approved proposal to the Board of Trustees for ratification.

The governing policy document is: ~~PrEdDif~~ *Nat*
~~FaChDP (2010)~~. Based on the parameters provided in the policy, the following information should be included in the proposal submitted to the Senate.

1. TITLE

- Type of proposal:
 - **Chair**
- Proposed name of the Chair/Professorship and area(s) of academic endeavour.
 - **The Donald and Joan McGeachy Chair in Biomedical Engineering**
 - **Biomedical Engineering**
- Host department/faculty
 - **Faculty of Engineering and Applied Science**
- Term of appointment
 - **1 to 5 years, renewable to a maximum total appointment of 10 years**

2. ACADEMIC INFORMATION

- Responsibilities of the Professorship
 - Research
 - **He or she will undertake research at the frontiers of biomedical engineering that will be of importance to the quality of life of Canadians and people around the world**
 - Teaching and Graduate Supervision
 - **Providing undergraduate and graduate instruction**
 - **Supervising and mentoring grad students**
 - Other (including but not limited to service)
 - **Mentoring junior faculty associated with Biomedical engineering**
 - **Preparing an annual stewardship report to the donor**
- Identify how the Chair/Professorship will contribute to the goals of the academic unit and the university.

- **The primary contribution which the Chair will make to the goals of the Faculty is the enhancement and growth of the Biomedical Engineering programs and research**

5. SUBMISSION TO SENATE

Submit signed proposal to: Secretary of the Senate

senate@queens.ca

Proposals will be referred by the Secretary of the Senate to SCAD and the Office of the Provost and Vice-Principal (Academic).

Policy: <http://www.queensu.ca/secretariat/senate/policies/chairses.html>