

SIMON FRASER UNIVERSITY

S.01-44

Senate Committee on University Priorities

Memorandum

TO: Senate

FROM: John Waterhouse, SCUP Chair
Vice President, Academic

RE: Research Chairs Proposal

DATE: 17 May 2001

The Senate Committee on University Priorities received proposals from the Faculty of Applied Sciences for the establishment of three Specially Funded Chairs in accordance with Academic Policy A 10.06.

After deliberation, the Senate Committee on University Priorities unanimously approved all three Chair proposals subject to clarification in the Terms of Reference for each Chair to indicate that the appointments would carry the responsibilities of tenure-track faculty appointments.

The Dean of Applied Sciences, Ron Marteniuk, has amended the Terms of Reference to the satisfaction of the Senate Committee on University Priorities and the Terms of Reference for the three Chairs are hereby being recommended to Senate for approval.

MOTION 1:

That Senate approves the Terms of Reference for the Sierra Wireless Chair in Wireless Communication as outlined in the attached documentation.

MOTION 2:

That Senate approves the Terms of Reference for the PMC-Sierra Senior Chair in Wireless Communication as outlined in the attached documentation.

MOTION 3:

That Senate approves the Terms of Reference for the Nortel Networks NSERC Industrial Research Chair in Semiconductor Devices as outlined in the attached documentation.

Attachments.

c.: R. Marteniuk

MEMORANDUM
SIMON FRASER UNIVERSITY
FACULTY OF APPLIED SCIENCES

DATE: May 11, 2001
TO: Senate Committee on University Priorities
FROM: Ron Marteniuk, Dean, Faculty of Applied Sciences
RE: Research Chair Proposals

Please find attached, the terms of reference for three research chair positions from the Faculty of Applied Sciences. These terms of reference, as well as the initiatives to eventually appoint individuals to these positions, have my full support. According to University Policy A10.06 these terms of reference must be approved by Senate. Accordingly, I wish to submit these terms of reference to SCUP for approval in regard to sending them to Senate.



Ron Marteniuk, Dean
Faculty of Applied Sciences

Enclosures



SIMON FRASER UNIVERSITY

Sierra Wireless Chair in Wireless Communication

Terms of Reference

The Sierra Wireless Chair in Wireless Communication will be established at Simon Fraser University in 2001 through a generous five year commitment of \$60,000 per year by Sierra Wireless, and an additional \$50,000 per year commitment from the B.C. Advanced Systems Institute (ASI) through their ASI Research Fellowship Program. The Sierra Wireless/ASI Wireless Communication Fund supports the activities of the **Sierra Wireless Chair in Wireless Communication**.

Sierra Wireless is a Vancouver based technology company, specializing in providing wireless data communications hardware and software products. An international leader in wireless data modems and enabling software, Sierra Wireless is committed to strengthening the relationship between industry and the universities through support of faculty and students.

The BC Advanced Systems Institute's (ASI) mission is to ensure that advanced systems technologies are developed, commercialized and used to aid in the growth of BC's economy. The Institute defines advanced systems technologies as information systems, telecommunications, microelectronics and robotics. The mission is achieved by providing solutions to industry's current and future technical needs by facilitating interactions between industry and post-secondary education institutions. The Provincial Research Fellowship Program is aimed at helping to attract new researchers to the high-technology programs at BC universities.

Purpose of the Funding

The purpose of the Sierra Wireless and B.C. ASI funding and the **Sierra Wireless Chair in Wireless Communication** is to hire a tenure-track person, thus promoting excellence in research and teaching in the area of wireless communication in the Faculty of Applied Sciences, School of Engineering Science. This appointment carries the responsibilities of a tenure-track appointment.

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Fund Administration

The Sierra Wireless/ASI Wireless Communication Fund will be held by Simon Fraser University. The administrator of the Fund will be the Vice President - Academic, or his/her designate.

The capital of the Fund will be used each year to support the activities of the Sierra Wireless Chair in Wireless Communication, including teaching, research and community outreach. In the fourth year of this chair, we request that Sierra Wireless consider extending the funding for a further five years based on the success of the program.

Sierra Wireless Chair in Wireless Communication

Simon Fraser University seeks to appoint a tenure track faculty member to the **Sierra Wireless Chair in Wireless Communication**. This appointment will be funded by the Sierra Wireless/ASI Wireless Communication Fund. The appointment will be for a period of five (5) years appointed in accordance with University policy.



SIMON FRASER UNIVERSITY

PMC-Sierra Senior Chair in Wireless Communication

Terms of Reference

The PMC-Sierra Senior Chair in Wireless Communication will be established at Simon Fraser University in 2001 through a generous five year commitment of \$125,000 per year by PMC-Sierra, and an additional \$50,000 per year commitment from the B.C. Advanced Systems Institute (ASI) through their ASI Research Fellowship Program. The PMC-Sierra/ASI Wireless Communication Fund supports the activities of the **PMC-Sierra Senior Chair in Wireless Communication**.

PMC-Sierra is a Burnaby based technology company, specializing in providing Internetworking semiconductor system solutions for high speed transmission and networking systems that enable the restructuring of the global telecommunications and data communications infrastructure.

The BC Advanced Systems Institute's (ASI) mission is to ensure that advanced systems technologies are developed, commercialized and used to aid in the growth of BC's economy. The Institute defines advanced systems technologies as information systems, telecommunications, microelectronics and robotics. The mission is achieved by providing solutions to industry's current and future technical needs by facilitating interactions between industry and post-secondary education institutions. The Provincial Research Fellowship Program is aimed at helping to attract new researchers to the high-technology programs at BC universities.

Purpose of the Funding

The purpose of the PMC-Sierra and B.C. ASI funding and the **PMC-Sierra Senior Chair in Wireless Communication** is to promote excellence in research and teaching at the link level in wireless communication through the hiring of a tenure-track faculty member in the Faculty of Applied Sciences, School of Engineering Science. This appointment carries the responsibilities of a tenure-track appointment.

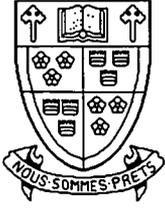
Fund Administration

The PMC-Sierra/ASI Wireless Communication Fund will be held by Simon Fraser University. The administrator of the Fund will be the Vice President - Academic, or his/her designate.

The capital of the Fund will be used each year to support the activities of the PMC-Sierra Senior Chair in Wireless Communication, including teaching, research and community outreach. In the fourth year of this chair, we request that PMC-Sierra consider extending the funding for a further five years based on the success of the program.

PMC-Sierra Senior Chair in Wireless Communication

Simon Fraser University seeks to appoint a tenure track faculty member to the **PMC-Sierra Senior Chair in Wireless Communication**. This position will be funded by the PMC-Sierra/ASI Wireless Communication Fund. The appointment will be for a period of five (5) years appointed in accordance with University policy.



SIMON FRASER UNIVERSITY

Nortel Networks NSERC Industrial Research Chair in Semiconductor Devices

Terms of Reference

The Nortel Networks NSERC Industrial Research Chair (IRC) in Semiconductor Devices will be established at Simon Fraser University in 2001 through a generous five year commitment of \$150,000 per year by Nortel Networks. This contribution will be matched through the NSERC IRC Program. The Nortel Networks NSERC IRC fund supports the activities of the **Nortel NSERC IRC in Semiconductor Devices**.

Purpose of the Funding

The purpose of the Nortel Networks NSERC IRC funding and **the Nortel Networks NSERC IRC in Semiconductor Devices** is to create an enhanced research thrust in the area of semiconductor devices through the NSERC IRC model. This will include the hiring of a tenure-track faculty person and the broadening of the research potential for this area.

Fund Administration

The Nortel Networks NSERC IRC in Semiconductor Devices Fund will be held by Simon Fraser University. The administrator of the Fund will be the Vice President - Academic, or his/her designate.

The capital of the Fund will be used each year to support the activities of the Nortel Networks NSERC IRC in Semiconductor Devices, including teaching, research and community outreach. In the fourth year of this chair, we request that Nortel Networks consider extending the funding for a further five years based on the success of the program.

Nortel Networks NSERC IRC in Semiconductor Devices

Simon Fraser University plans to appoint Dr. Columbo Bolognesi as **the Nortel Networks NSERC IRC in Semiconductor Devices** who will hold an appointment funded by the Nortel Networks NSERC IRC in Semiconductor Devices Fund. This is an appointment for a period of five (5) years.