

Senate Advisory Research Committee (SARC) 2007 – 2008 Report to Senate Executive Summary

The Senate Advisory Research Committee (SARC) met in September, March and April to discuss research issues, review annual reports and approve recommendations from Subcommittees I, II, III, IV and V. The Subcommittees each met to review annual ARC and Postdoctoral Fellowship applications and Prize for Excellence in Research nominations throughout the year. The membership of these committees is provided in Appendix 1 (pg 8).

Activity highlights for 2007-2008 include:

- Approved the Principal's Development Fund, Category B recommendations with respect to the following competitions:
 - ARC Postdoctoral Fellow program (deadline November 15, 2007) awarded three one-year fellowships to candidates from the Department of Microbiology and Immunology, Department of English, and the School of Computing.
 - ARC Program awarded \$236,547 to 44 faculty researchers (66 applications; 67% success rate) for the annual January 31, 2008 competition.
- Approved 21 \$5,000 4A awards to 27 faculty researchers who were designed 4A by SSHRC (approved but not funded due to lack of funds) in the October 15, 2007 Standard Research Grant competition.
- Reviewed nominations for the 2008 Prizes for Excellence in Research. Two nominees, G. Narbonne, Department of Geological Sciences and Geological Engineering and E. Zureik, Department of Sociology were selected as the 2008 recipients of these \$5,000 prizes.
- Reviewed 31 annual reports from Centres, Institutes and Groups, recommended three 5-year renewals, approved three new groups and granted provisional status to one new Centre.
- Funded 105 faculty Travel Awards to present significant scholarly work.

The Senate Advisory Research Committee also reports to Senate on the procedures and membership of the annual Chancellor's Research Awards, and the Principal's Development Fund, Category C-1 Fund for Support of Artistic Production and Category C-2 Visiting Artists in Residence and the Postdoctoral Fellows Travel Award program.

- The five 2008 Chancellor's Research Award recipients were from the Departments of Biology, Geography, Physiology, Pharmacology & Toxicology, and the School of Kinesiology & Health Studies.
- Fund for Support of Artistic Production award recipients were from the School of Music, Departments of Art, Drama and Film and Media Studies, and the Faculty of Education.
- Visiting Artists in Residence awards were offered to researchers in the Department of Global Development Studies and the Department of Film and Media Studies.
- The Postdoctoral Fellow Travel Award program funded 39 applications (95% success rate).

Respectfully Submitted December 2008

R. Kerry Rowe

Chair, Senate Advisory Research Committee



Senate Advisory Research Committee (SARC) 2007-2008 Annual Report to Senate

Introduction

The Senate Advisory Research Committee (SARC) reports annually to Senate on matters relating to research policy, internal research funding competitions and related activities. This report summarises the 2007-2008 results of the following competitions administered by the SARC.

- Principal's Development Fund, Category B (SARC/Principal's Development Fund Competition, SARC/PDF Postdoctoral Fellow Support program and Travel Awards)
- SSHRC 4A Prizes For Excellence In Research Awards

Funds to support the awards determined by SARC are drawn from a number of sources, as detailed in Table 1 (pg 7), and are distributed through the SARC Subcommittees as shown in Table 2 (pg 7).

This report also provides committee membership information, general program procedures and a list of entities that report to the SARC. See Appendix 1 (pg 8), for the SARC and Subcommittees I, II, III, IV and V membership.

The Senate Advisory Research Committee reports to Senate on the procedures and membership of the annual Chancellor's Research Awards, the Principal's Development Fund, Category C-1 Fund for Support of Artistic Production and Category C-2 Visiting Artists in Residence and the Postdoctoral Fellows Travel Awards.

Analysis and Discussion

Funds for the ARC/ Principal's Development Fund competition, the Postdoctoral Fellow Support program, Travel Awards competitions and the SSHRC 4A program are made available from:

1. The SSHRC General Research Grant, which is determined by SSHRC every three years, and which reflects the magnitude of total peer-adjudicated SSHRC funding to the University.
2. An allocation from the Principal's Development Fund, which is designated specifically to address the research needs of new faculty members and to provide seed money for new projects of established faculty.
3. Residual funds from expired NSERC grants when such funds are available.

The magnitude of each component and the total resources available to the SARC during 2007-2008 are listed in Table 1 (pg 7). The SSHRC General Research Grant (GRG) allocation is provided to Subcommittees II and V, on a pro-rata basis. The Principal's Development Fund is allotted to the five subcommittees following a review of past allocations and in consideration of the number of applications received by each subcommittee. Please see Appendix 4 (pg 10) for the representation to each subcommittee.

Advisory Research Committee (ARC)/Principal's Development Fund, Category B Competition

This ARC program is intended to provide funds to assist new faculty members (within 3 years of appointment) initiate their research programs, and to help more established faculty members with financial need for a significant new initiative or exceptional opportunity in an existing research

program. A total of 66 applications were received in the January 31, 2008 competition, and 44 were funded. The allocations to and expenditures by the five subcommittees are listed in Table 2 (pg 7). It is important to note that actual expenditures may differ from allocations as some awards are returned to the ARC and reallocated as a result of success in external award competitions or changes in the research plans. The success rate for Category I applicants (researchers within 3 years of their initial appointment at Queen's) was 74%; 59% of Category II applicants (researchers more than 3 years from their initial appointment) were successful.

ARC Postdoctoral Fellow Support

The objective of the ARC Postdoctoral Fellow Support program is to attract outstanding Postdoctoral Fellows to Queen's. This Fellowship is valued at \$30,000 to assure one-year support for the Postdoctoral Fellow if external fellowship funding is not obtained; funding is reduced to \$10,000 if an external fellowship application is successful. Usually, one Postdoctoral Fellow will be supported from each of the three research areas supported by NSERC, SSHRC and CIHR. There were 18 submissions in the November 15, 2007 competition. Three awards were offered. The successful candidates were from the Departments of Microbiology & Immunology, English and the School of Computing.

Travel Awards

The purpose of the Travel Award program is to provide support for travel, accommodation, meals and registration fees associated with an event at which a researcher is presenting significant scholarly work. Each year \$80,000 is allocated to this program and applications are adjudicated in January, April and September through the Office of Research Services according to criteria established by the SARC. Funding criteria include: significance of the conference; researcher's need; significance of the role the researcher will play at the conference; availability of funds; publication record and the ability of the award to enhance an applicant's success in attracting external funding. In the September 2007, January 2008 and April 2008 competitions combined, 135 applications were submitted requesting a total of \$198,931. A total of 105 applications were funded (84% success rate in 'new' category and 73% in established category).

4A Program

The 4A program is intended to provide eligible researchers funds to further develop their research program in order to enhance the probability of receiving SSHRC funds in the next competition. The program awards \$5,000 to individual researchers who are designated 4A in the SSHRC Standard Research Grant Competitions (approved but not funded due to lack of funds). An amount of \$50,000 per year is set aside from the SARC funds for this program. Since the program began in 1996, ARC has supported 157 applicants and 138 applicants have subsequently been successful in receiving a SSHRC grant. In 2008, SSHRC designated 27 researchers 4A status and in accordance with Queen's criteria 21 were eligible for a \$5,000 award.

Prize for Excellence in Research

The Prize for Excellence in Research normally recognises two researchers each year for their major research contributions in recent years. Each year the SARC considers candidates for the Prize for Excellence in Research brought forward by the five ARC Subcommittees. In 2008 six nominations were received. The two 2008 winners were G. Narbonne, Department of Geological Sciences and Geological Engineering, and E. Zureik, Department of Sociology. Each Prize for Excellence in Research recipient receives a \$5,000 award and official recognition at the fall convocation. The funds for these awards are provided by the discretionary fund of the Office of Research Services.

Chancellor's Research Awards

The objective of the Chancellor's Research Awards program is to provide researchers within eight years of their first full-time faculty appointment a means to enhance their research career and support graduate students. Fifteen applications were received in the 2008 competition. A total of \$260,000 was awarded. The 5 winners were S Arnott, Department of Biology, B. Donald, Department of Geography, M. Paré, Department of Physiology, M. Tschakovsky, School of Kinesiology & Health Studies and L. Winn, Department of Pharmacology & Toxicology. See Appendix 3 (pg 9) for 2007-2008 membership.

Principal's Development Fund, Category C1 and C2

C1 - Fund for the Support of Artistic Production

The mandate of the Fund for the Support of Artistic Production (FSAP) program is to assist faculty artists in the production of artistic work. Each of the six applications received in the March 15, 2008 competition were funded, for a total of \$22,483. The awards went to researchers from the School of Music, Departments of Art, Drama and Film and Media Studies, and the Faculty of Education.

C2 - Visiting Artists in Residence

The mandate of the Visiting Artists in Residence (VAR) program is to assist Departments and Schools in facilitating the presence on campus of professional or academic artists in the fields of literature, music, theatre and visual and media arts. The annual budget was \$25,000. Four submissions were received from the Departments of English, Women's Studies, Film & Media Studies and Global Development Studies in the March 15, 2008 competition. The award recipients were from the Department of Film & Media Studies and Global Development Studies.

See Appendix 2 (pg 9) for review committee memberships.

Postdoctoral Fellows Travel Awards

The Postdoctoral Fellows Travel Awards program is allocated \$15,000 annually to support the November 1 & April 1 competitions. Thirty-nine applications were funded (95% success rate).

Summary of Queen's University Research Grants, Institutes and Other Entities that Report to ARC

According to the *Procedures Governing the Establishment, Reporting and Review of Research Centres, Institutes, and Other Entities at Queen's University* Senate policy, the Senate Advisory Research Committee reviewed the following requests and reports in the 2007-2008 academic year:

Centres recommended for provisional centre status

Sustainable Bioeconomy Centre

Centres 5-year review approved

Centre for Neuroscience Studies

Groups 5-year review approved

Assessment and Evaluation Group

Bioremediation (Research) Group

Sustainable Development Research Group

New groups reviewed and group status recommended

Biomedical Computing Group

Macromolecular Process and Materials Development Group
Mathematical Biology Research Group

Annual Reports Reviewed

Centres/Institutes

Cancer Research Institute at Queen's University
Centre for Health Services and Policy Research
Centre for International Relations
Centre for Manufacturing of Advanced Ceramics and Nanomaterials
Centre for Neuroscience Studies
Centre for the Study of Democracy
Centre for Water and the Environment
High Performance Computing Virtual Laboratory
Human Mobility Research Centre
Institute for Intergovernmental Relations
GeoEngineering Centre
Queen's – RMC Fuel Cell Research Centre
Queen's Centre for International Relations
Southern African Research Centre
Sudbury Neutrino Observatory Institute
The Monieson Centre

Provisional Centres/Institutes

Centre for Obesity Research and Education
Institute of Population and Public Health
Queen's Biological Communication Centre
Queen's – RMC Centre for Advanced Materials and Manufacturing
Queen's Institute for Energy and Environmental Policy

Groups

Education, Work, and Learning Research Group
Eighteenth and Nineteenth-Century Study Group
Feminist Legal Studies Research Group
National Executive Forum on Public Property, Founded at Queen's University
Practice and Research in Nursing Group
Queen's University Conservation Genetics Group
Medieval Seminar
Research in Information Security, Kingston
Sustainable Development Research Group
The Research Group on Nationalism, Ethnicity and Multicultural Citizenship

Conclusion/Recommendation

SARC recommendations allowed funding across a broad range of research interests, and support for different types for scholarly activities in 2007-2008. Additionally, the work of the SARC in reviewing of Centres and Institutes provides critical oversight for these research entities. Besides involvement in all the above SARC programs the committee members conducted the following activities:

- December 2007 SARC Subcommittees I, III and IV Chairs and one other member from each of these subcommittees conducted the adjudication of Round 1 of the Queen's – Province of Ontario

Ministry of Research & Innovation (MRI) Postdoctoral Fellowship. Three fellowships were offered. The Candidates were from the Departments of Microbiology & Immunology, Mathematics & Statistics and Chemistry. These fellowships were valued at \$50,000 for a 2-year period and combine matching funds from MRI and Queen's.

- March 2008 SARC supported Queen's Postdoctoral Fellows Association's request for SARC Subcommittees and the full SARC to adjudicate the new annual Queen's University Post-Doctoral Fellows Excellence in Research Award. The annual deadline would be April 15. There were no nominations in the first call.
- September 2008 Senate approved revised SARC membership mandate and composition.

In the upcoming year the Senate Advisory Research Committee members will continue to monitor research policy and other related activities.

Respectfully submitted December 2008

R. Kerry Rowe

Chair, Senate Advisory Research Committee

TABLE 1		
2008 ARC/PDF January 31 Competition Budget		
Principal's Development Fund	\$ 155,000	\$230,000 less \$75,000 for the ARC Postdoctoral program
SSHRC General Research Grant	\$ 80,020	\$130,020 less \$50,000 for 4A Program (Sub II 1/3, Sub V 2/3)
TOTAL FUNDING ALLOCATED	\$235,020	
Note: Subcommittee II Amount Over Allocation	\$ 1,527	

TABLE 2				
2008 ARC Subcommittee Allocations, Applications and Awards (\$)				
	Total Allocation	Total Requested	Total Awarded	Success Rate
Subcommittee I	\$69,000	\$162,106	\$69,000	43 %
Subcommittee II	\$64,020	\$149,092	\$65,547	44 %
Subcommittee II over allocation			\$ 1,527	
Subcommittee III	\$19,500	\$ 45,242	\$19,500	43 %
Subcommittee IV	\$45,000	\$103,586	\$45,000	43 %
Subcommittee V	\$37,500	\$ 86,790	\$37,500	43 %
TOTAL	\$235,020	\$546,816	\$236,547	43 %

APPENDIX 1

2007-2008 Advisory Research Committee Membership

K Rowe (Chair)	Vice-Principal (Research)
S Marlin	Associate Vice-Principal (Research)
S Wood	Director, Office of Research Services
J Deakin	Dean, School of Graduate Studies & Research
L Ratcliffe	Associate Dean (Research), Faculty of Arts & Science
B Surgenor	Associate Dean, Faculty of Applied Science
R Deeley	Associate Dean (Research) Faculty of Health Sciences
C Funk	Subcommittee I Chair
J Mennell	Subcommittee II Chair
R Sellens	Subcommittee III Chair
S Arnott	Subcommittee IV Chair
J Meligrana	Subcommittee V Chair
Vacant	Division I Representative*
C Marvin	Division II Representative*
S McKinnon	Division III Representative*
G Wu	Division IV Representative*
J Hartwick	Division V Representative*
P Peng	Senate Representative
L Wade-Woolley	Senate Representative
M Heroux	Society of Graduate and Professional Students Representative
J Studer	Society of Graduate and Professional Students Representative
B Stewart (Secretary)	Office of Research Services

* Divisions are categorised according to the School of Graduate Studies guidelines.

2007-2008 ARC Subcommittee Membership

Subcommittee I (Health)

A Brown, School of Nursing	Z Jia, Dept of Biochemistry
B Butler, Dept of Psychology	D Maurice, Dept of Pharmacology
B Elliott, Cancer Research Institute	L Pelland, Sch of Rehabilitation Therapy
C Funk, Dept of Physiology (Chair)	L Seroude, Dept of Biology

Subcommittee II (Humanities/Fine Arts)

D Knight, Dept of Philosophy	J Stephenson, Dept of Drama
O Malyshko, Sch of Music	A Conacher, Dept of French
J Mennell, Dept of Spanish & Italian (Chair)	T Trothen, Theology
K Sellars, Dept of Art	T Ware, Dept of English

Subcommittee III (Engineering)

M Guay, Dept of Chemical Engineering	L Shang, Dept Electrical & Computer Engineering
P Katsabanis, Dept of Mining Engineering	K Novakowski, Dept of Civil Engineering
R Sellens, Dept Mechanical, Materials Engineering (Chair)	

Subcommittee IV (Natural Sciences)

S Arnott, Dept of Biology (Chair)	J-M Nunzi, Dept of Chemistry
S Dineva, Dept of Geological Science	N Scott, Dept of Geography
K Salomaa, School of Computing	G Smith, Dept of Mathematics
H Dringenberg, Dept of Psychology	J Fraser, Dept of Physics

Subcommittee V (Social Sciences)

L Cameron, Dept of Geography
A Goebel, Dept of Women's Studies
M Hand, Dept of Sociology
R Luce-Kapler, Faculty of Education

S Matthews, Dept of Political Studies
J Meligrana, Sch Urban & Regional Planning (Chair)
E Power, Sch Kinesiology & Health Studies
M Weisberg, Faculty of Law

APPENDIX 2

2007-2008

Principal's Development Fund

**Category C-1 Fund For The Support of Artistic Production Committee and
Category C-2 Visiting Artists in Residence Membership**

T Fort	Department of Drama
F Leeming (Chair)	Department of Film and Media Studies
C-L Reifel	School of Music
O Tamasauskas	Department of Art
S Wood	Director, Office of Research Services
K McInnis	Associate Director, Office of Research Services

APPENDIX 3

2007-2008

Chancellor's Research Awards Membership

J Deakin	School of Graduate Studies
I Johnsrude	Department of Psychology
R Montgomerie	Department of Biology
K Rowe (Chair)	Vice-Principal (Research)
S Scott	Department of Anatomy and Cell Biology
M Wiebe	Department of English
S Wood	Director, Office of Research Services

APPENDIX 4
ARC Subcommittee Departments

SUBCOMMITTEE I

Department of Anatomy & Cell Biology
Department of Biochemistry
Department of Community Hlth & Epid
Department of Diagnostic Radiology
Department of Emergency Medicine
Department of Family Medicine
Department of Medicine
Department of Microbiology & Immunology
Department of Obstetrics & Gynaecology
Department of Ophthalmology
Department of Otolaryngology
Department of Paediatrics
Department of Pathology & Molecular Medicine
Department of Pharmacology & Toxicology
Department of Physiology
Department of Psychiatry
Department of Psychology**
Department of Physical Medicine & Rehabilitation
Department of Surgery
Department of Urology
School of Nursing
School of Kinesiology & Health Studies
School of Rehabilitation Therapy

SUBCOMMITTEE II

Department of Art Conservation***
Department of Art History
Department of Classics
Department of Drama
Department of English
Department of Film & Media Studies
Department of French Studies
Department of German
Department of History
Department of Philosophy
Department of Religious Studies
Department of Spanish and Italian
School of Music

SUBCOMMITTEE III

Department of Chemical Engineering
Department of Civil Engineering
Department of Electrical & Computer Engineering
Department of Mechanical & Materials Engineering
Department of Mining Engineering

SUBCOMMITTEE IV

Department of Biology
Department of Chemistry

School of Computing
Department of Geography
Department of Geological Sciences & Geological Engineering
Department of Mathematics & Statistics
Department of Physics, Engineering Physics & Astronomy
Department of Psychology**

SUBCOMMITTEE V

Department of Economics
Department of Geography*
Department of Global Development Studies
Department of Political Studies
Department of Psychology**
Department of Sociology
Department of Women's Studies
Faculty of Education
Faculty of Law
School of Business
School of Policy Studies
School of Urban and Regional Planning

NOTE: It is the responsibility of the researcher to choose the subcommittee most appropriate to adjudicate their application.

*Geography can be included in Subcommittee IV or V

** Psychology can be included in Subcommittees I, IV or V

*** Art Conservation can be included in Subcommittee II, III or IV