August 2013

Senate Advisory Research Committee

Report to Senate

Introduction

The Senate Advisory Research Committee (SARC) reports to Senate on matters relating to research policy, internal research funding competitions and related activities. Each year SARC meets to discuss research issues, review Research Centres and Institutes annual reports and approve recommendations from its five Subcommittees. Annually, each Subcommittee holds one to three meetings depending on which programs require the review of applications and nominations. The following report outlines the activities of SARC and its Subcommittees during the period of 2010-2013. The membership of SARC and its Subcommittees are provided in the appendices of each reporting period.

Awards

Below is an overview of the various awards and activities for which SARC is responsible.

Funds for the SARC/Principal's Development Fund competition, the Postdoctoral Fellow Support program, Travel Awards competitions and the Social Sciences and Humanities Research Council (SSHRC) 4A program are made available from:

1. The SSHRC Institutional 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; and
3. Residual funds from expired Natural Sciences and Engineering Research Council of Canada (NSERC) grants when such funds are available.

<u>SARC/Principal's Development Fund Competition</u>

This SARC program is intended to provide funds to help new faculty members (Category I - within three years of Queen's faculty appointment) initiate their research programs, and to also provide established faculty members with financial need for a significant new initiative or exceptional opportunity in an existing research program.

<u>SARC Postdoctoral Fellow Support</u>

The objective of the SARC Postdoctoral Fellow Support program is to attract outstanding Postdoctoral Fellows to Queen's. The 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 Canadian Institutes of Health Research (CIHR).

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 faculty member is presenting significant scholarly work. Each year $80,000 is allocated to this program, which is administered 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.

4A Program

The 4A program is intended to provide eligible researchers with funding to further develop their research program in order to enhance the probability of receiving SSHRC funds in the next competition. The program awards $3,500 (formerly $5000) to researchers who are designated 4A in the SSHRC Insight Grant (formerly the SSHRC Standard Research Grant) competition (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.

Principal's Development Fund

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. The fund is administered by the Office of Research Services.

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 is $25,000 and is administered by the Office of Research Services.

Postdoctoral Fellows Travel Awards

The intent of the Postdoctoral Fellows Travel Awards program is to assist with travel and subsistence costs to present scholarly work. $15,000 is allocated annually from the Office of the Vice-Principal (Research). The program deadlines are November 1 and April 1, and the fund is administered by the Office of Research Services.

Queen's University Postdoctoral Fellows Excellence in Research Award

This program is under review.

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. The number of Prizes that may be awarded was increased to five in 2013. Each year the SARC considers candidates for the Prizes for Excellence in Research brought forward by the five SARC Subcommittees. 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 Office of Research Services.

Queen's University Research Centres, Institutes and Other Entities

According to the *Procedures Governing the Establishment, Reporting and Review of Research Centres, Institutes, and Other Entities at Queen's University* policy, the SARC receives proposals, and reviews annual reports and renewals of Research Centres and Institutes and other entities that report to SARC.

Conclusion

SARC recommendations allow funding across a broad range of research interests and support for different types for scholarly activities. Additionally, the work of the SARC in reviewing Research Centres and Institutes provides critical oversight for these research entities. Annually, SARC will continue to monitor research policy and other related activities, in addition to administering its programs.

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Senate Advisory Research Committee

2010-2011 Report to Senate
Executive Summary

During the 2010-2011 reporting period, the Senate Advisory Research Committee (SARC) met in December 2010, March, May and October 2011.

Activity highlights for 2010-2011 include:

- Adjudicated the following Principal's Development Fund programs:
  - SARC Postdoctoral Fellow program (deadline November 15, 2010) offered three one-year fellowships to candidates from the Departments of Pathology and Molecular Medicine, English and Psychology.
  - SARC Program awarded $230,258 to 36 faculty researchers (45 applications; 80% success rate) in the annual January 31, 2011 competition.
- Funded 17 $5,000 4A awards to 23 faculty researchers who were designated 4A by SSHRC (approved but not funded due to lack of funds) in the October 15, 2010, Standard Research Grant competition.
- Selected Dr. Victor Snieckus, Department of Chemistry, and Dr. Zongchao Jia, Department of Biomedical and Molecular Sciences, as the 2011 Prize for Excellence in Research recipients.
- Funded 77 of the 88 faculty Travel Award applications received.
- Principal's Development Fund for Support of Artistic Production and the Visiting Artists in Residence: recipients were from the Departments of English and Drama and the School of Music.
- The Postdoctoral Fellow Travel Awards: 21 of 36 applications were funded.
- Reviewed 15 annual reports from Research Centres, Institutes and Groups.
- Recommended formal status to one Research Centre.

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Senate Advisory Research Committee

2010-2011 Report to Senate

Introduction

This report summarises the 2010-2011 results of the following competitions administered by the SARC.

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

Funds to support the programs are drawn from a number of sources, as detailed in Tables 1 and 3 (pg. 8), and are distributed through the SARC Subcommittees as shown in Table 2 (pg. 8). This report also provides Committee membership information and a list of entities that report to the SARC.

The SSHRC General Research Fund 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.

SARC/Principal's Development Fund Competition

A total of 45 applications were received in the January 31, 2011, competition, and 36 were funded. The allocations to and expenditures by the five Subcommittees are listed in Table 2 (pg. 8). The success rate for Category I applicants was 61%; 58% of Category II applicants (more than three years from their initial appointment) were successful. The average award amount was $6,396.

SARC Postdoctoral Fellow Support

There were 18 submissions to the November 15, 2010, competition. The successful candidates were from the Departments of Psychology and English and the Cancer Research Institute.

Travel Awards

In the September 2010 and March 2011 competitions combined, 88 applications were submitted requesting a total of $126,962. A total of 79 applications were funded (97% success rate in "new" category and 88% in established category).

4A Program

In 2011, SSHRC designated 23 researchers 4A status and Queen's funded 17 $5,000 4A awards.

Principal's Development Fund

Fund for the Support of Artistic Production

$14,800 was awarded to the four applicants in the March 15, 2011, competition. The awards were received by the School of Music and the Departments of Drama (2) and English.

Visiting Artists in Residence

Three submissions were received in the annual March 2011 competition. The Departments of English and Drama each received funding of $12,500.

Postdoctoral Fellows Travel Awards

Twenty-one applications were funded (58% success rate).

Prize for Excellence in Research

Four nominations were received in the annual March competition. The recipients of the 2011 Prize for Excellence in Research were Dr. Victor Snieckus, Department of Chemistry, and Dr. Zongchao Jia, Department of Biomedical and Molecular Sciences.

Summary of Queen's University Research Centres, Institutes and Other Entities that Report to SARC

Research Centres/Institutes Recommended for Formal or Provisional Centre/Institute Status

- Centre for Energy and Power Electronics Research approved for Formal Centre status

Research Centres/Institutes Annual Reports Reviewed

- Queen's Cancer Research Institute
- Centre for Health Services and Policy Research
- Centre for International Relations
- Centre for Studies in Primary Care
- Centre for Studies on Democracy and Diversity
- Queen's-RMC Fuel Cell Research Centre
- Surveillance Studies Centre
- The Monieson Centre
- Queen's Institute for Energy and Environmental Policy
- Sustainable Bioeconomy Centre

Annual Reports from Groups and other Entities Reviewed

- Biomedical Computing Group

- Practice and Research in Nursing Group

Status Changes

- Centre for Obesity Research and Education moved from centre to group status
- Research in Information Security Kingston group closed

Other Activities

In June 2011, SARC Subcommittee III and IV Chairs and one member from I and IV Subcommittees conducted the adjudication of Round 5 of the Queen's – Province of Ontario Ministry of Research & Innovation (MRI) Postdoctoral Fellowship program. Seventeen applications were received and three fellowships were available. The successful candidates were from the Centre for Neuroscience Studies (2) and the Department of Biology. These fellowships were valued at $50,000/year for a 2-year period with matching funds ($25,000 each) from MRI and Queen's.

Table 1		
2011 SARC/PDF January 31 Competition Budget		
Principal's Development Fund	$155,000	$230,000 less $75,000 for the SARC Postdoctoral program
SSHRC Institutional Grant	$81,283	$131,283 less $50,000 for 4A Program
TOTAL FUNDING ALLOCATED	**$236,283**	

Table 2				
SARC January 31, 2011, Subcommittee Allocations, Applications and Awards ($)				
	Total Allocation	**Total Requested**	**Total Awarded**	**Success Rate**
Subcommittee I	48,143	79,615	48,143	63%
Subcommittee II	46,963	77,663	46,963	73%
Subcommittee III	46,146	76,312	46,146	75%
Subcommittee IV	6,021	9,957	0	0 %
Subcommittee V	89,006	147,190	89,006	94%
TOTAL	**236,279**	**390,737**	**230,258**	**77%**

Table 3	
2011 Program Funding Sources (excluding SARC)	
Faculty Travel Awards program	$60,000 Principal's Development Travel Fund, and $20,000 Vice-Principal (Research)
Postdoctoral Travel Awards program	$15,000 Vice-Principal (Research)
Fund for the Support of Artistic Production	$25,000 Principal's Office
Visiting Artists in Residence	$25,000 Principal's Office

Appendix 1

2010-2011 SARC Membership

S. Liss (Chair)	Vice-Principal (Research)
S. Marlin	Associate Vice-Principal (Research)
S. Wood	Director, Office of Research Services
B. Brouwer	Vice-Provost and Dean, School of Graduate Studies
J. Lee	Associate Dean (Research), Faculty of Arts and Science
B. Surgenor	Associate Dean (Research), Faculty of Engineering and Applied Science
R. Deeley	Vice-Dean (Research), Faculty of Health Sciences
J. Barling	Associate Dean (Research), School of Business (to June 30)
J. Handelman	Associate Dean (Research), School of Business (commencing July 1)
P. Davies	Subcommittee I Chair
S. King	Subcommittee II Chair
J. Pharoah	Subcommittee III Chair
L. Winn	Subcommittee IV Chair (to June 30)
D. Wilson	Subcommittee IV Chair (commencing August 1)
D. Klinger	Subcommittee V Chair
J. Hartwick	School of Graduate Studies Representative
B. Coe	Queen's Post-Doctoral Association Representative
T. Dacin	Senate Representative
R. Ross	Senate Representative
I. Karagiorgakis	Society of Graduate and Professional Students Representative
D. Moore	Society of Graduate and Professional Students Representative
H. Davies	(Secretary) Office of Research Services (to April 21)
L. Roberts	(Secretary) Office of Research Services (commencing May 5)

2010-2011 SARC Subcommittees Membership

<u>Subcommittee I (Health Sciences)</u>

B. Banfield, Department of Biomedical and Molecular Sciences
P. Davies, Department of Biomedical and Molecular Sciences (Chair)
D. Edge, School of Nursing
S. Gill, Department of Medicine
L. McLean, School of Rehabilitation Therapy
S. Scott, Department of Biomedical and Molecular Sciences

<u>Subcommittee II (Humanities/Fine Arts)</u>

P. Dickey Young, School of Religion (January-February 2011)
K. Dubinsky, Department of History
D. Griffith, Department of Classics

S. King, Department of English (Chair)
S.E. Matrix, Department of Film and Media
R. Spronk, Department of Art
J. Stephenson, Department of Drama

Subcommittee III (Engineering)

L. Boegman, Department of Civil Engineering
M. Cunningham, Department of Chemical Engineering
S. Kelebek, Department of Mining Engineering
T. McKenna, Department of Chemical Engineering
J. Pharoah, Department of Mechanical and Materials Engineering (Chair)
C.H. Yeh, Department of Electrical and Computer Engineering

Subcommittee IV (Natural Sciences)

L. Aarssen, Department of Biology
M. Castelhano, Department of Psychology
M. Dignam, Department of Physics, Engineering Physics and Astronomy
S. Dineva, Department of Geological Sciences and Geological Engineering
S. Wang, Department of Chemistry
D. Wilson, Department of Psychology
L. Winn, School of Environmental Studies (Chair)
S. Yuksel, Department of Mathematics and Statistics

Subcommittee V (Social Sciences)

D. Bland, School of Policy Studies
L. Cameron, Department of Geography
D. Da Costa, Department of Global Development
R. Holden, Department of Psychology
I. Janssen, School of Kinesiology and Health Studies
D. Klinger, Faculty of Education (Chair)
C. Miners, School of Business
R. Upitis, Faculty of Education

Appendix 2

2010-2011

Fund for Support of Artistic Production (FSAP) and Visiting Artists in Residence (VAR) Committee Membership

J. Winton	Department of Art
I. Zuk	School of Music
B. Allan (Chair)	Department of Film and Media
C. Walker	Department of Drama
K. McInnis	Associate Director, Office of Research Services
B. Stewart (Secretary)	Office of Research Services

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Senate Advisory Research Committee

2011-2012 Report to Senate
Executive Summary

During the 2011-2012 reporting period, the Senate Advisory Research Committee (SARC) met in December 2011, January, March and April 2012.

Activity highlights for 2011-2012 include:

- Revision of Queen's Strategic Research Plan (approved by SARC at its April 2012 meeting)
- Adjudicated the following Principal's Development Fund programs:
    - SARC Postdoctoral Fellow program (deadline November 15, 2011) offered three one-year fellowships to candidates from the Departments of Pathology and Molecular Medicine, Geography and Biology.
    - SARC Program awarded $207,555 to 29 faculty researchers (37 applications; 78% success rate) in the annual January 31, 2012, competition.
- Funded 12 $5,000 4A awards to 19 faculty researchers who were designated 4A by SSHRC (approved but not funded due to lack of funds) in the October 15, 2011, Insight Grant competition.
- Funded 50 of the 53 faculty Travel Award applications received.
- Principal's Development Fund for Support of Artistic Production and the Visiting Artists in Residence: recipients were from the Departments of English, Art (3), Film and Media (3), Drama (2) and School of Music.
- The Postdoctoral Fellow Travel Awards: 29 of the 31 applications were funded.
- Reviewed 16 annual reports from Research Centres and Institutes.
- Recommended renewal of one Research Centre and extension of current status for one Research Centre.
- Recommended closure of two Research Centres.

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Senate Advisory Research Committee

2011-2012 Report to Senate

Introduction

This report summarises the 2011-2012 results of the following competitions administered by the SARC.

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

Funds to support the programs are drawn from a number of sources, as detailed in Tables 1 and 3 (pg. 16), and are distributed through the SARC Subcommittees as shown in Table 2 (pg. 16). This report also provides Committee membership information and a list of entities that report to the SARC.

The SSHRC General Research Fund 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.

SARC/Principal's Development Fund Competition

A total of 37 applications were received in the January 31, 2012, competition, and 29 were funded. The allocations to and expenditures by the five Subcommittees are listed in Table 2 (pg. 16). The success rate for Category I applicants was 74%; 83% of Category II applicants (more than three years from their initial appointment) were successful. The average award amount was $7,157.

SARC Postdoctoral Fellow Support

There were 10 submissions to the November 15, 2011, competition. The successful candidates were from the Departments Pathology and Molecular Medicine, Geography and Biology.

Travel Awards

In the September 2011 and March 2012 competitions combined, 53 applications were submitted requesting a total of $77,264. A total of 50 applications were funded (95% success rate in "new" category and 94% in established category).

4A Program

In 2012, SSHRC designated 19 researchers 4A status and Queen's funded 12 $5,000 4A awards.

Principal's Development Fund

Fund for the Support of Artistic Production

$35,179 was awarded to nine applicants in the March 15, 2012, competition. The awards were received by the Departments of Art (3), Film and Media (3), Drama (2) and the School of Music.

Visiting Artists in Residence

One submission was received in the annual March 2012 competition. The Department of English received funding of $17,500.

Postdoctoral Fellows Travel Awards

Twenty-nine applications were funded (94% success rate).

Prize for Excellence in Research

Due to a change in reporting periods of SARC Senate Reports from previous years, the 2012 Prize for Excellence in Research recipients are documented in the 2012-2013 SARC Senate Report.

Summary of Queen's University Research Centres, Institutes and Other Entities that Report to SARC

At its January 2012 meeting, SARC agreed that research groups will no longer report to SARC. The *Procedures Governing the Establishment, Reporting and Review of Research Centres, Institutes, and Other Entities at Queen's University* policy is being revised to account for this change.

Research Centres/Institutes Recommended for Formal or Provisional Centre/Institute Status

- Queen's Institute for Energy and Environmental Policy approved for formal Institute status

Research Centres/Institutes Reviewed

- Southern African Research Centre granted one year reprieve from review and granted two year extension of its current status
- Queen's Cancer Research Institute renewed for a further five years

Research Centres/Institutes Annual Reports Reviewed

- Canadian Institute for Military and Veteran Health Research
- Centre for International and Defence Policy
- Centre for Law in the Contemporary Workplace

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- Centre for Neuroscience Studies
- Centre for Studies in Primary Care
- Centre for Studies in Democracy and Diversity
- GeoEngineering Centre at Queen's-RMC
- High Performance Computing Virtual Laboratory
- Human Mobility Research Centre
- Institute of Intergovernmental Relations
- Queen's Biological Communication Centre
- Queen's Institute for Energy and Environmental Policy
- Queen's-RMC Fuel Cell Research Centre
- Queen's Centre for Energy and Power Electronics Research
- Sustainable Bioeconomy Centre
- The Monieson Centre

Status Changes

- Queen's Biological Communication Centre reverted to group status
- Sustainable Bioeconomy Centre closed

Table 1		
2012 SARC/PDF January 31 Competition Budget		
Principal's Development Fund	$155,000	$230,000 less $75,000 for the SARC Postdoctoral program
SSHRC Institutional Grant	$78,112	$128,112 less $50,000 for 4A Program
TOTAL FUNDING ALLOCATED	**$233,112**	

Table 2				
SARC January 31, 2012, Subcommittee Allocations, Applications and Awards ($)				
	Total Allocation	**Total Requested**	**Total Awarded**	**Success Rate**
Subcommittee I	81,717	127,523	79,356	62%
Subcommittee II	46,963	62,965	44,298	100%
Subcommittee III	39,163	55,666	39,163	83%
Subcommittee IV	12,079	17,169	7,169	50%
Subcommittee V	47,854	68,019	37,569	89%
TOTAL	**227,776**	**331,342**	**207,555**	**78%**

Table 3	
2012 Program Funding Sources (excluding SARC)	
Faculty Travel Awards program	$60,000 Principal's Development Travel Fund, and $20,000 Vice-Principal (Research)
Postdoctoral Travel Awards program	$15,000 Vice-Principal (Research)
Fund for the Support of Artistic Production	$25,000 Principal's Office plus $10,200 2011 carry over totaling $35,200
Visiting Artists in Residence	$25,000 Principal's Office

Appendix 1

2011-2012 SARC Membership

S. Liss (Chair)	Vice-Principal (Research)
S. Marlin	Associate Vice-Principal (Research)
S. Verbeek	Director, Office of the Vice-Principal (Research) (Observer)
K. McInnis	Director (Interim), Office of Research Services
B. Brouwer	Vice-Provost and Dean, School of Graduate Studies
J. Lee	Associate Dean (Research), Faculty of Arts and Science
B. Surgenor	Associate Dean (Research), Faculty of Engineering and Applied Science
R. Deeley	Vice-Dean (Research), Faculty of Health Sciences
J. Handelman	Associate Dean (Research), School of Business
P. Davies	Subcommittee I Chair
N. Rewa	Subcommittee II Chair
J. Pharoah	Subcommittee III Chair
D. Wilson	Subcommittee IV Chair
L. Wade-Woolley	Acting Subcommittee V Chair for D. Klinger
D. Klinger	Subcommittee V Chair (Sabbatical until June 2012)
J. Hartwick	School of Graduate Studies Representative
B. Coe	Queen's Post-Doctoral Association Representative
T. Dacin	Senate Representative
R. Ross	Senate Representative
I. Karagiorgakis	Society of Graduate and Professional Students Representative
D. Moore	Society of Graduate and Professional Students Representative
J. Schmelzle (Co-Secretary)	Office of the Vice-Principal (Research)
K. Christmas (Co-Secretary)	Office of Research Services

2011-2012 SARC Subcommittees Membership

<u>Subcommittee I (Health Sciences)</u>

B. Banfield, Department of Biomedical and Molecular Sciences
P. Davies, Department of Biomedical and Molecular Sciences (Chair)
D. Edge, School of Nursing
S. Gill, Department of Medicine
L. McLean, School of Rehabilitation Therapy
S. Scott, Department of Biomedical and Molecular Sciences

<u>Subcommittee II (Fine Arts and Humanities)</u>

R. Ascough, School of Religion
F. Colivicchi, Department of Classics (Sabbatical January-July 2012)
A. Conacher, Department of French
K. Dubinsky, Department of History (Sabbatical January-July 2012)

N. Rewa, Department of Drama (Chair)
S. Sismondo, Department of Philosophy
R. Spronk, Department of Art

Subcommittee III (Engineering)

A. Bakhshai, Department of Electrical and Computer Engineering
D. Barz, Department of Chemical Engineering
L. Boegman, Department of Civil Engineering (Sabbatical July 2011-July 2012)
B. Kueper, Department of Civil Engineering (during sabbatical of L. Boegman)
J. Marshall, Department of Mining Engineering
J. Pharoah, Department of Mechanical and Materials Engineering (Chair)

Subcommittee IV (Natural Sciences)

P. Boag, Department of Biology
M. Castelhano, Department of Psychology (on leave 2011-2012)
M. Duncan, Department of Physics, Engineering Physics and Astronomy
K. Kyser, Department of Geological Sciences and Geological Engineering
D. Skillicorn, School of Computing
S. Wang, Department of Chemistry
D. Wilson, Department of Psychology (replacing M. Castelhano while on leave) (Chair)
S. Yurksel, Department of Mathematics and Statistics

Subcommittee V (Social Sciences)

A. Head, Department of Economics
R. Holden, Department of Psychology
I. Janssen, School of Kinesiology and Health Studies
D. Klinger, Faculty of Education (Chair)
C. Miners, School of Business
D. Murakami Wood, Department of Sociology
R. Upitis, Faculty of Education (Sabbatical January-June 2012)
L. Wade-Woolley, Faculty of Education (during sabbatical of R. Upitis)

Appendix 2

2011-2012

Fund for Support of Artistic Production (FSAP) and Visiting Artists in Residence (VAR) Committee Membership

C. Robertson	Department of Art
I. Zuk	School of Music
D. Naaman	Department of Film and Media
T. Fort (Chair)	Department of Drama
K. McInnis	Director (Interim), Office of Research Services
B. Stewart (Secretary)	Office of Research Services

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Senate Advisory Research Committee

2012-2013 Report to Senate
Executive Summary

During the 2012-2013 reporting period, the Senate Advisory Research Committee (SARC) met in October and December 2012, and February and April 2013.

Activity highlights for 2012-2013 include:

- Implementation of Queen's Strategic Research Plan 2012-2017.
- Revised *Queen's Senate Policy on Integrity in Research.*
- Initiated review of *Procedures Governing the Establishment, Reporting and Review of Research Centres, Institutes, and Other Entities at Queen's University* policy.
- Adjudicated the following Principal's Development Fund programs:
    - SARC Postdoctoral Fellow program (deadline November 15, 2012) offered three one-year fellowships to candidates from the Department of Biomedical and Molecular Sciences, School of Religion and the Department of Civil Engineering.
    - SARC Program awarded $271,068 to 34 faculty researchers (49 applications; 69% success rate) in the annual January 31, 2013, competition.
- Funded 21 $3,500 4A awards to 26 faculty researchers who were designated 4A by SSHRC (approved but not funded due to lack of funds) in the October 15, 2012, Insight Grant competition.
- Selected Dr. Praveen Jain, Department of Electrical and Computer Engineering, and Dr. Rena Upitis, Faculty of Education, as the 2012 Prize for Excellence in Research recipients.
- Funded 65 of the 66 faculty Travel Award applications received.
- Principal's Development Fund for Support of Artistic Production and the Visiting Artists in Residence: recipients were from the School of Music (4), Departments of Drama (2), Art (2), Cultural Studies and English.
- The Postdoctoral Fellow Travel Awards: 22 of the 40 applications were funded.
- Reviewed 17 annual reports from Research Centres and Institutes.
- Recommended renewal of two Research Centres and one Research Institute.
- Recommended formal status for one Research Centre.
- Recommended provisional status for one Research Centre.

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Senate Advisory Research Committee

2012-2013 Report to Senate

Introduction

This report summarises the 2012-2013 results of the following competitions administered by the SARC.

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

Funds to support the programs are drawn from a number of sources, as detailed in Tables 1 and 3 (pg. 24), and are distributed through the SARC Subcommittees as shown in Table 2 (pg. 24). This report also provides Committee membership information and a list of entities that report to the SARC.

The SSHRC General Research Fund 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.

SARC/Principal's Development Fund Competition

A total of 49 applications were received in the January 31, 2013, competition, and 34 were funded. The allocations to and expenditures by the five Subcommittees are listed in Table 2 (pg. 24). The success rate for Category I applicants was 60% and 74% of Category II applicants (more than three years from their initial appointment) were successful. The average award amount was $7,973.

SARC Postdoctoral Fellow Support

There were six submissions to the November 15, 2012, competition. The successful candidates were from the Department of Biomedical and Molecular Sciences, School of Religion and the Department of Civil Engineering.

Travel Awards

In the September 2012 and March 2013 competitions combined, 66 applications were submitted requesting a total of $97,196. A total of 65 applications were funded (100% success rate in "new" category and 98% in established category).

4A Program

The program awards were decreased from $5,000 to $3,500 to researchers who are designated 4A in the SSHRC Insight 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. In October 2012, SSHRC designated 26 researchers 4A status and Queen's funded 13 $3,500 4A awards.

Principal's Development Fund

Fund for the Support of Artistic Production

$25,000 was awarded to eight applicants in the March 15, 2013, competition. The awards were received by the School of Music (4) and the Departments of Drama (2) and Art (2).

Visiting Artists in Residence

The annual budget was $25,000 plus $7,500 carried over from 2012. Three submissions were received in the annual March 2013 competition. Submissions from the Departments of Cultural Studies and English received funding of $20,000 and $12,500 respectively.

Postdoctoral Fellows Travel Awards

Twenty-two applications were funded (55% success rate).

Prize for Excellence in Research

Two nominations were received. The recipients of the 2012 Prize for Excellence in Research were Dr. Praveen Jain, Department of Electrical and Computer Engineering, and Dr. Rena Upitis, Faculty of Education.

Summary of Queen's University Research Centres and Institutes that Report to SARC

Research Centres/Institutes Recommended for Formal or Provisional Centre/Institute Status

- Surveillance Studies Centre approved for formal Centre status
- Water Research Centre granted provisional Centre status

Research Centres/Institutes Reviewed

- Centre for Health Services and Policy Research renewed for a further five years
- Queen's- RMC Fuel Cell Research Centre renewed for a further five years
- SNOLAB Institute constitution revised
- SNOLAB Institute renewed for a further five years

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Research Centres/Institutes Annual Reports Reviewed

- Canadian Institute for Military and Veteran Health Research
- Centre for International and Defence Policy
- Centre for Neuroscience Studies
- Centre for Studies in Primary Care
- Centre for Studies in Democracy and Diversity
- Queen's-RMC Fuel Cell Research Centre
- GeoEngineering Centre at Queen's-RMC
- High Performance Computing Virtual Laboratory
- Centre for Health Services and Policy Research
- Human Mobility Research Centre
- Institute of Intergovernmental Relations
- Queen's Cancer Research Institute
- Surveillance Studies Centre
- Queen's Centre for Energy and Power Electronics Research
- Queen's Institute for Energy and Environmental Policy
- Southern African Research Centre
- The Monieson Centre

Table 1		
2013 SARC/PDF January 31 Competition Budget		
Principal's Development Fund	$155,000	$230,000 less $75,000 for the SARC Postdoctoral program
SSHRC Institutional Grant	$80,283	$130,283 less $50,000 for 4A Program
TOTAL FUNDING ALLOCATED	**$235,283**	

Table 2				
SARC January 31, 2013, Subcommittee Allocations, Applications and Awards ($)				
	Total Allocation	**Total Requested**	**Total Awarded**	**Success Rate**
Subcommittee I	83,145	139,505	83,145	64%
Subcommittee II	53,049	89,008	53,048	64%
Subcommittee III	23,145	38,834	23,145	75%
Subcommittee IV	23,780	49,863	23,780	60%
Subcommittee V	88,061	147,754	87,950	80%
TOTAL	**271,180**	**464,964**	**271,068**	**69%**

Table 3	
2013 Program Funding Sources (excluding SARC)	
Faculty Travel Awards program	$60,000 Principal's Development Travel Fund, and $20,000 Vice-Principal (Research)
Postdoctoral Travel Awards program	$15,000 Vice-Principal (Research)
Fund for the Support of Artistic Production	$25,000 Principal's Office
Visiting Artists in Residence	$25,000 Principal's Office

Appendix 1

2012-2013 SARC Membership

S. Liss (Chair)	Vice-Principal (Research)
C. Fekken	Associate Vice-Principal (Research) (November 2012)
S. Marlin	Associate Vice-Principal (Research) (until November 2012)
S. Verbeek	Director, Office of the Vice-Principal (Research) (Observer)
K. McInnis	Director (Interim), Office of Research Services
B. Brouwer	Vice-Provost and Dean, School of Graduate Studies
R. Lemieux	Associate Dean (Research), Faculty of Arts and Science
B. Surgenor	Associate Dean (Research), Faculty of Engineering and Applied Science
R. Deeley	Vice-Dean (Research), Faculty of Health Sciences
J. Handelman	Associate Dean (Research), School of Business
R. Holden	Subcommittee I Chair
N. Rewa	Subcommittee II Chair
A. Bakhshai	Subcommittee III Chair
M. Duncan	Subcommittee IV Chair
D. Klinger	Subcommittee V Chair
W. Ding	School of Graduate Studies Representative
A. Ghaffari	Queen's Post-Doctoral Association Representative
J. Wintle	Senate Representative
G. Jerkiewicz	Senate Representative
R. Pero	Society of Graduate and Professional Students Representative
M. Shultz	Society of Graduate and Professional Students Representative
J. Schmelzle (Co-Secretary)	Office of the Vice-Principal (Research)
K. Christmas (Co-Secretary)	Office of Research Services

2012-2013 SARC Subcommittees Membership

<u>Subcommittee I (Health Sciences)</u>

B. Banfield, Department of Biomedical and Molecular Sciences
R. Holden, Department of Medicine (Chair)
A. Johri, Department of Medicine
T. Krupa, School of Rehabilitation Therapy
M. Rauh, Department of Pathology and Molecular Medicine
S. Scott, Department of Biomedical and Molecular Sciences
E. VanDenKerkhof, School of Nursing

<u>Subcommittee II (Fine Arts and Humanities)</u>

R. Ascough, School of Religion
F. Colivicchi, Department of Classics (Sabbatical July 2012-June 2013)
A. Conacher, Department of French

K. Dubinsky, Department of History (on leave during 2012-2013 term)
N. Rewa, Department of Drama (Chair)
S. Sismondo, Department of Philosophy
R. Spronk, Department of Art

Subcommittee III (Engineering)

A. Bakhshai, Department of Electrical and Computer Engineering (Chair)
D. Barz, Department of Chemical Engineering
L. Boegman, Department of Civil Engineering
Y. Jun Lai, Department of Mechanical and Materials Engineering
J. Marshall, Department of Mining Engineering

Subcommittee IV (Natural Sciences)

P. Boag, Department of Biology
T. Day, Department of Mathematics and Statistics (Sabbatical January-July 2013)
M. Duncan, Department of Physics, Engineering Physics and Astronomy (Chair)
V. Kuhlmeier, Department of Psychology
K. Kyser, Department of Geological Sciences and Geological Engineering
D. Skillicorn, School of Computing
S. Wang, Department of Chemistry

Subcommittee V (Social Sciences)

A. Head, Department of Economics (Sabbatical January-July 2013)
R. Holden, Department of Psychology
I. Janssen, School of Kinesiology and Health Studies
D. Klinger, Faculty of Education (Chair)
C. Miners, School of Business
D. Murakami Wood, Department of Sociology
D. Robinson, Faculty of Law
R. Upitis, Faculty of Education

Appendix 2

2012-2013

Fund for Support of Artistic Production (FSAP) and Visiting Artists in Residence (VAR) Committee Membership

C. Robertson	Department of Art
G. Dalbec-Szczesniak	School of Music
G. Kibbins	Department of Film and Media
T. Fort (Chair)	Department of Drama
K. McInnis	Director (Interim), Office of Research Services
B. Stewart (Secretary)	Office of Research Services