



How to Keep Paying for your



after your Ph.D defense

Lyes Kadem

NOV. 2015

SUMMARY OF THE PROGRAMS

NSERC POSTDOCTORAL FELLOWSHIP PROGRAM

DEADLINE: mid-October; Answer: end-January

AMOUNT: \$45,000/ year for two years

CRITERIA

Research ability or potential (70%)

Communication, interpersonal, and leadership abilities (30%)

Success rate: ~ 20%-30%

You can only **apply once** to the PDF Program

NSERC POSTGRADUATE SCHOLARSHIP - DOCTORAL

DEADLINE: mid-October / November; Answer: End of March

AMOUNT: \$35,000/ year for two years or three years

CRITERIA

Academic excellence (30%)

Research ability or potential (50%)

Communication, interpersonal, and leadership abilities (20%)

Success rate: ~ 50%

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Know your enemy !

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LIST OF COMMITTEES

- Civil and mechanical engineering
- Chemical, biomedical and materials science engineering
- Electrical engineering
- Computing sciences
- Mathematical sciences
- Physics and astronomy
- Chemistry
- Earth sciences
- Evolution and ecology
- Cellular and molecular biology
- Plant and animal biology
- Psychology

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Home > NSERC > Committees > Selection Committees and Evaluation Groups > Scholarships and Fellowships Selection Committee for Chemical, Biomedical and Materials Science Engineering

194 - Scholarships and Fellowships Selection Committee for Chemical, Biomedical and Materials Science Engineering

Role	Name	Organization	End Date
Chair	Lyes Kadem	Concordia University	2016
Members	Elisa Konofagou	Columbia University	2016
	Dominic Sauvageau	University of Alberta	2017
	Cécile Siewe	Shell Canada	2016
	Leyla Soleymani	McMaster University	2018
	Jason Tavares	Ecole Polytechnique de Montréal	2018
	Fabio Varlofa	University of Ottawa	2018
	Sarah Wells	Dalhousie University	2016
Program Officer	Catherine Harrison	Natural Sciences and Engineering Research Council of Canada	

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193 - Scholarships and Fellowships Selection Committee for Civil and Mechanical Engineering

Role	Name	Organization	End Date
Chair	Philippe Lavoie	University of Toronto	2016
Members	Jean-François Cordeau	HEC Montréal	2018
	Rajeev Dhiman	3M Purification	2018
	Graham Gagnon	Dalhousie University	2017
	Augustin Gakwaya	Université Laval	2016
	Anant Grewal	National Research Council of Canada	2017
	Marianne Hatzopoulou	University of Toronto	2016
	Lina Kattan	University of Calgary	2016
	Radhouane Masmoudi	Université de Sherbrooke	2018
	Srikantha Phani	The University of British Columbia	2017
	John Wahba	TunisCorp	2016
Program Officer	Nancy Rock	Natural Sciences and Engineering Research Council of Canada	

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GUIDELINES FOR

**NSERC SCHOLARSHIPS AND FELLOWSHIPS (S&F)
SELECTION COMMITTEES:**

POSTGRADUATE SCHOLARSHIPS-DOCTORAL (PGS D)

AND

POSTDOCTORAL FELLOWSHIPS (PDF)

2016 Competition

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	Quota	Count	Overall Score Ranges
1st Quartile	8	0	<75-100
2nd Quartile	8	0	<50-75
3rd Quartile	8	0	<25-50
4th Quartile	8	0	<1-25

20% of the candidates **MUST** be in each quartile (4*20%)

The remaining 20% are left to the discription of the reviewer

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Appendix A: Selection Criteria and Indicators for PGS D and PDF (Form 201)

CRITERION (weight)	INDICATORS	EVIDENCE
Academic Excellence (PGS D 30%) (PDF – N.A.)	Academic record	<ul style="list-style-type: none"> • University Transcripts
	Departmental/university comments (e.g. for justification of exceptions or to explain international degrees)	<ul style="list-style-type: none"> • Free-form document (maximum one page)
	Scholarships/awards (competitiveness, amount, duration and prestige)	<ul style="list-style-type: none"> • Page 4 - Scholarships and Other Awards Offered
	Duration of previous studies	<ul style="list-style-type: none"> • Page 1 - Academic Background • Page 5 - Thesis Completed or in Progress
Research Ability or Potential (PGS D 50%) (PDF 70%)	Scholarships/awards (competitiveness, amount, duration and prestige)	<ul style="list-style-type: none"> • Page 4 - Scholarships and Other Awards Offered
	Duration of previous studies	<ul style="list-style-type: none"> • Page 1 - Academic Background • Page 5 - Thesis Completed or in Progress
	Academic training and relevant work experience (co-op included)	<ul style="list-style-type: none"> • Page 2 - Academic, Research and Other Relevant Work Experience • Contributions and Statements – Part III, Applicant's Statement • Report on the Applicant
	Justification for location of tenure (PDF Only)	<ul style="list-style-type: none"> • Page 6 - Justification for Location of Tenure (PDF Only)
	Contribution to research and development (publications, patents, reports, posters)	<ul style="list-style-type: none"> • Page 5 –Thesis Most Recently Completed or in Progress • Contributions and Statements – Part I, II, and III • Report on the Applicant
	Research proposal (feasibility, merit and significance)	<ul style="list-style-type: none"> • Outline of Proposed Research
	Critical thinking, application of knowledge, judgment, originality, initiative, autonomy, enthusiasm for research	<ul style="list-style-type: none"> • Contributions and Statements – Part III, Applicant's Statement • Report on the Applicant

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CRITERION (weight)	INDICATORS	EVIDENCE
	Ability to complete projects within an appropriate time period	<ul style="list-style-type: none"> • Page 1 – Academic Background • Page 5 –Thesis Most Recently Completed or in Progress • Report on the Applicant
Communication, Interpersonal and Leadership Abilities (PGS D 20%) (PDF 30%) <i>Note: Consider length of time in Canada for applicants whose mother tongue is neither English nor French.</i>	Awards for papers, reports, posters or oral presentations	<ul style="list-style-type: none"> • Page 4- Scholarships and Other Awards Offered (e.g., best paper award at a conference)
	Quality of presentation of application	<ul style="list-style-type: none"> • Outline of Proposed Research • Page 6 - Justification for Location of Tenure (PDF only) • Contributions and Statements – Part III, Applicant's Statement
	Participation in publication writing (e.g., Contributions and Statements)	<ul style="list-style-type: none"> • Contributions and Statements – Part II, Most Significant Contributions to R&D • Report on the Applicant
	Detailed evaluation of applicant	<ul style="list-style-type: none"> • Report on the Applicant
	Professional and extra curricular interactions and collaborations with supervisors, colleagues, and peers (e.g. teaching, mentoring, supervising, project managing, chairing committees, organizing conferences/meetings, elected positions and industrial work experience)	<ul style="list-style-type: none"> • Page 2 – Academic, Research and Other Relevant Work Experience • Contributions and Statements – Part III, Applicant's Statement • Report on the Applicant

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Application for a Postgraduate Scholarship or Postdoctoral Fellowship (FORM 201)

Type of Award PDF		AID	
		CTTEE	
		Date 2015/10/15	
Family name of applicant [REDACTED]	Given name [REDACTED]	Initial(s) of all given names [REDACTED]	Personal identification no. (PIN)
ACADEMIC BACKGROUND (include only current and past degree programs)			
Degree	Name of discipline	Department, institution and country	Month and year started / Month and year awarded/expected
Bachelor's	-	Look for non-justified interruptions (in statement)	
Master's	-	Normalize performance to academic background history	
Doctorate	-	Justified unusual long studies (in statement)	
	-	Show that interruptions allowed you to strengthen another skill (leadership)	

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Application for a Postgraduate Scholarship or Postdoctoral Fellowship (FORM 201)

Type of Award PDF	Personal Identification no. (PIN)	Family name, given name and initial(s) of applicant [REDACTED]			
SCHOLARSHIPS AND OTHER AWARDS OFFERED (start with most recent and include NSERC awards)					
Name of Award	Value (CDN\$)	Level Institutional, Provincial, National, International	Type Academic, Research, Leadership, Communication	Location of tenure	Period held (yyyy/mm - yyyy/mm)

- Look for: 1) national ; 2) Provincial; 3) Institutional scholarships
- Awards for oral/poster presentations (linked to communication skills)
- If you are coming from a country where there is no tradition of awards, explain it in the statement and/or leadership section

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		CTTEE	
		Date 2015/10/15	
Family name of applicant [REDACTED]	Given name [REDACTED]	Initial(s) of all given names [REDACTED]	Personal identification no. (PIN)
ACADEMIC, RESEARCH AND OTHER RELEVANT WORK EXPERIENCE			
Position held and nature of work (begin with current) Full Time - Part Time	Organization and department	Supervisor	Period (mm/yyyy-mm/yyyy)

- Look for TAship; Lab instructor;
- Look for internships ideally in research labs and in industry
- Visiting researcher in national or foreign institutions

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Personal identification no. (PIN)		Family name, given name and initial(s) of applicant [REDACTED]	
AWARD APPLIED FOR			
Type of award Postdoctoral Fellowships - PDF		Proposed starting date of award 2016/04	
Proposed degree program (e.g. Masters, Doctorate)	Proposed field of study/research [REDACTED]	Research subject code 2000	
Title of proposed research [REDACTED]			
List ten (10) key words that describe your proposed research. [REDACTED]			
PROPOSED LOCATION(S) OF TENURE (in order of preference)			
Institution/organization	Department	Program of study	Proposed supervisor
<ul style="list-style-type: none"> - STRONG: List one potential supervisor if you have already contacted him/her; - WEAK: Otherwise list two or three potential supervisors 			
Are any of your proposed programs of study:			
Clinically-oriented?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Joint programs with a professional degree (e.g., MD/PhD)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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Type of Award PDF	Personal identification no.(PIN)	Family name, given name and initial(s) of applicant [REDACTED]
THESIS COMPLETED OR IN PROGRESS		
1. Degree [REDACTED]	Supervisor [REDACTED]	Date degree requirements completed [REDACTED]
Title of thesis		
2. Degree	Supervisor	Date degree requirements completed
Title of thesis		
SUMMARY OF THESIS MOST RECENTLY COMPLETED OR IN PROGRESS		

I really do not know what you are talking about !!!!

Be clear and **NEVER** assume the reviewer is an expert.

What I want to know is how your previous work is linked to your PDF project and how your PhD thesis prepared you for the objectives of the PDF proposal.

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Type of Award PDF	Personal identification no.(PIN)	Family name, given name and initial(s) of applicant [REDACTED]
JUSTIFICATION FOR LOCATION OF TENURE		
Provide a rationale for your choice(s) for location of tenure. See instructions for further details.		
<ul style="list-style-type: none">- Contact your potential supervisor.- Ideally, visit the lab- Ideally, plan during your PhD for an internship in the Lab were your are planning to do your PDF- For Doctoral, if your are staying in the same Lab justify why.- How the Lab/supervisor will contribute towards the success of the proposal.- History of successful supervision (give examples, if possible, of what previous PhD students/PDF are currently doing)		

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- Plant and animal biology
- Psychology

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PROPOSAL (1 page)

- **Enough technical but not too technical**

- **Background**
- **Hypothesis**
- **Objective(s)**
- **Methods**

- **Outcomes and impact**

- **If space allows, add references**
- **Add a small sketch of the project if possible.**

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	Srikantha Phani	The University of British Columbia	2017
	John Wahba	TunisCorp	2016
Program Officer	Nancy Rock	Natural Sciences and Engineering Research Council of Canada	

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Contributions to research and development

You are not a number! Do not simply list your papers
Add reports, presentations, organized talks, TED talks, ...

Most significant contributions to research and development

Explain your contribution in the publications and detail your achievements (not limited to academic) . Use this sections also to highlight your leadership skills.

Statement

Explain your career path and how the PhD/PostDoc in that specific area in the specific lab with help you achieve your goals.

Special circumstances

The reviewers are made of “flesh and bones”

Explain any circumstances that limited your productivity (field of study), led to a delay (personal, academic, problem with your supervisor, ...),

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Report on the Applicant Application for a Postgraduate Scholarship or Postdoctoral Fellowship (FORM 201)

Type of award PDF	Family name, given name and initial(s) of applicant [REDACTED]
I have <input checked="" type="checkbox"/> read or <input type="checkbox"/> not read the applicant's Form 201.	
Comment on the applicant's research ability/potential and on the applicant's communication, interpersonal and leadership abilities. <h1>Well ! Be nice to your supervisor !</h1> Otherwise Justify why you are not having him/her as referee. Ideally, the referee must comment on all the evaluation criteria (academic; research; leadership) by giving examples. The referee can give a relative ranking of the candidate	

To save an extra slide: GOOD LUCK ...