



a place of mind



Annual Report

Year 2011 to 2012

Satterfield-IRES Director's Brief Report 2011-2012

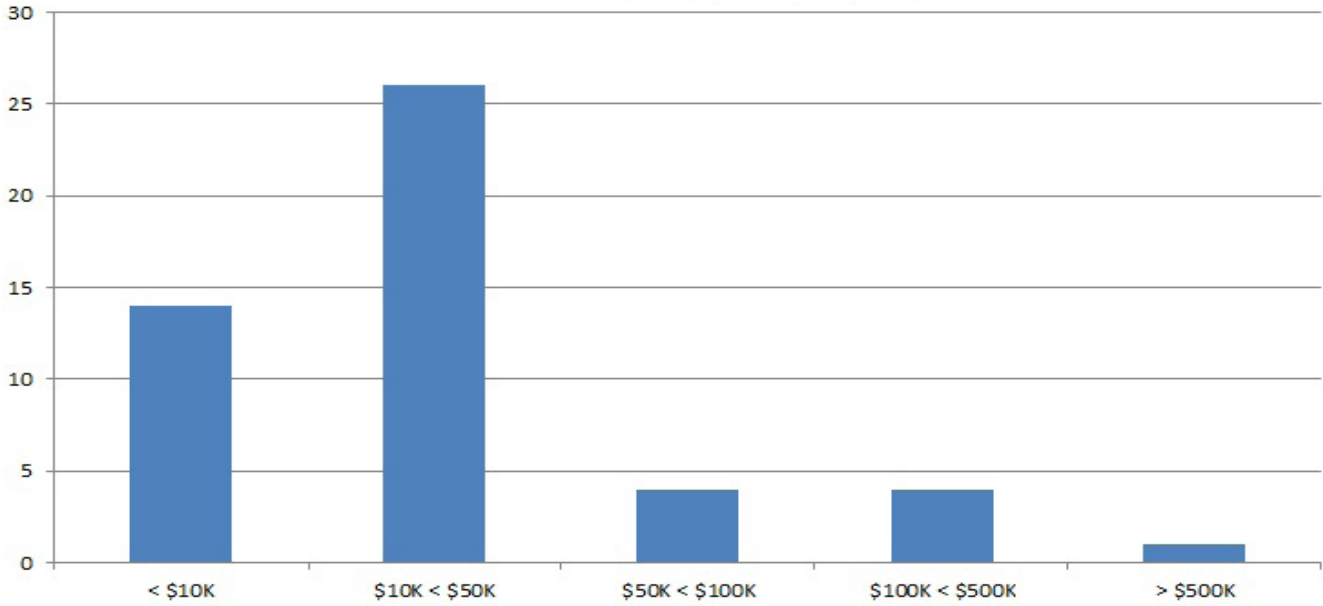
Summary of highlights

- Transition from CFIS to Faculty of Science. Negotiations had begun the previous year but escalated in year 2011/12 involving consultations with amongst others, Treasury, faculty members and students in order to provide a seamless and fruitful outcome for the Department and all concerned.
- Careful management of Faculty and students, many of whom were opposed to the change, working with them towards what ultimately evolved as a cordial working environment
- Following the move to Faculty of Science it was necessary to make adjustments to three faculty member's appointments in order that there positions were more aligned with their skills and research areas. (Scott Hinch, Tim McDaniels, Stephanie Chang).
- Negotiations to retain Mark Johnson who was being sought by other Universities in US. This also involved a joint spousal hire which resulted in a favorable new 50% joint appointment for IRES and Land and Food Systems (Hannah Wittman). This included seeing her through promotion from Assistant to Associate Professor as she had been granted tenure and promotion at SFU during the period of application/hire.
- We/I successfully wrote and procured for the department a CRC II in Behavioral Sustainability, jointly appointed with Psychology.
- RMES Program saw an intake of 21 students (11 PhD, 5 MSc, 5 MA) and 23 graduated students.
- RMES Students continued to be successful in bringing in grants with significant amounts bought in through non Tri-Council sources
- Administratively the Department was able to retain a continuity of staff (Administrative Manager and Graduate Program Manager) for the first time in some years.
- Staff changes included a new Administrative Program Support and new Financial Co-ordinator allowing us to reduce our finance office personnel by 0.5 FTE.
- All staff participated in professional development both through UBC channels and Continuing Studies Programs.

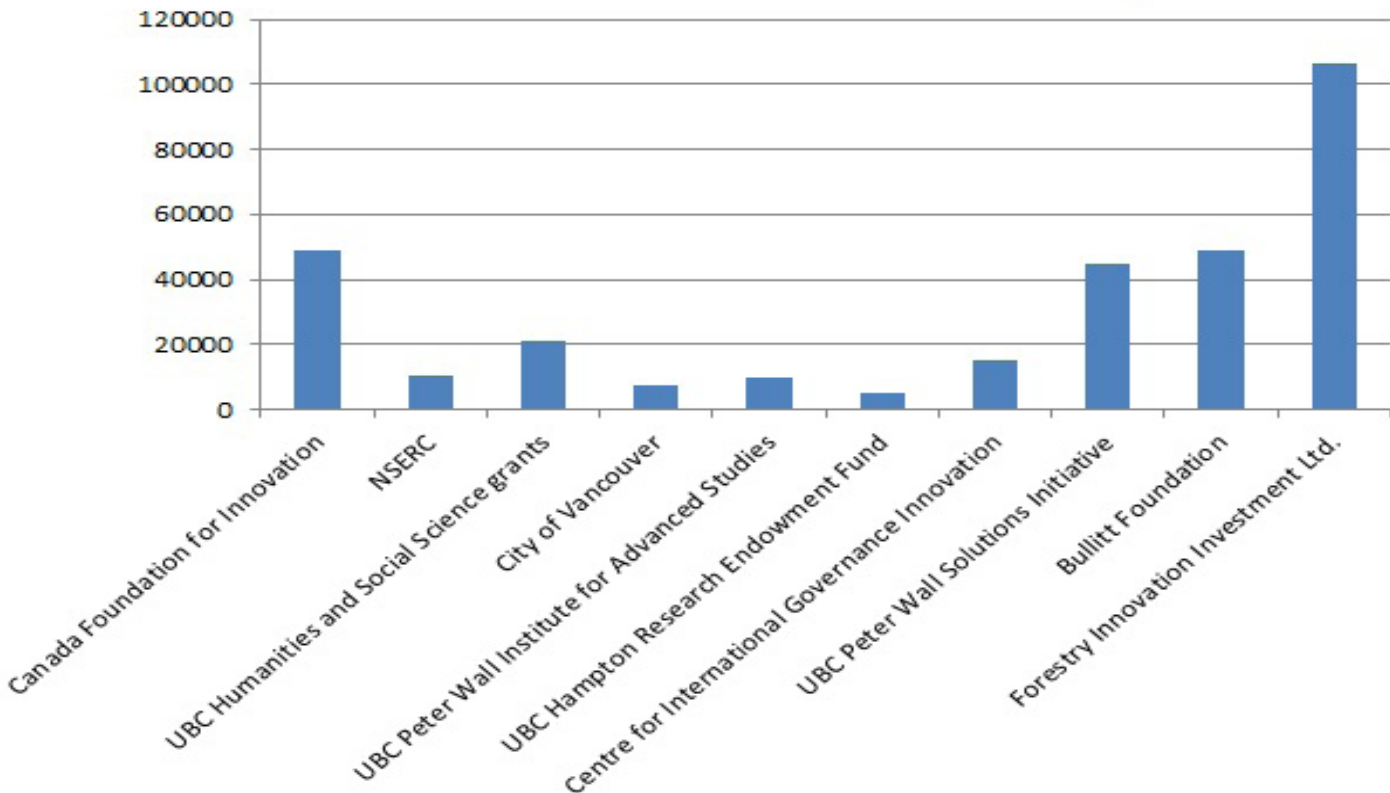
External Grant Funding

Our faculty of 8.65 FTE held a total of \$2,998,839.50 in external funding in the year 2011/12 averaging \$346,686 per faculty member.

Total Number of IRES Grants Open in 2011 by Current Annual Award Amount \$CDN



Total Number of Grants Awarded in 2011/12



Faculty Awards

| | |
|------------------------|--|
| Kai Chan | Fulbright-Canada Visiting Research Chair at UC Santa Barbara Fulbright Canada Occasional Lecturer Award. |
| Stephanie Chang | 2011 Distinguished Lecture award |
| Mark Johnson | University Sustainability Research Fellow, UBC Sustainability Initiative, April 2011-March 2012 |
| | Fulbright Research Fellowship, U.S. Fulbright Commission, awarded 2012 |
| | Science and Technology Research (Brazil), Fellowship tenure, March 2013 – June 2013 |
| | Special Guest Researcher, Brazilian Ministry of Science and Technology, awarded 2012 |
| | Brazilian Science Without Borders Research Fellowship, Fellowship tenure, 2012 – 2015 |
| John Robinson | Metro Vancouver Architecture Canada Architecture Advocacy Award for 2012 |
| | Canadian Geographic Environmental Scientist of the Year, 2012 |
| | Canada Green Building Council, Education Leadership Award, 2011 |

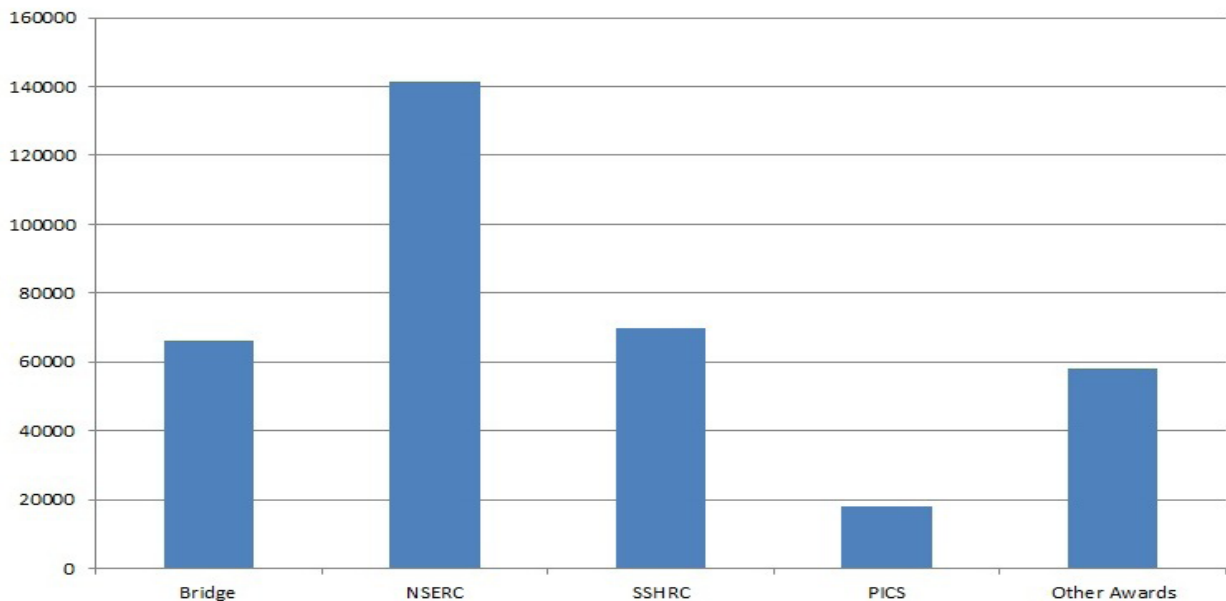
Publications

Faculty published 76 peer reviewed papers in 61 different journals, including but not limited to top journals such as: Science, Environmental Science and Technology, PNAS; Journal of Applied Ecology; Marine Policy, Risk Analysis, Biogeochemistry, Biological Sciences, Global Environmental Change; Journal of Experimental Biology, and many others.

Student Funding

Our students held a total of \$353,269 in external funding in the year 2011/12 averaging \$19626.06 per student this particular year. This reflects our ability to attract top, competitive students and to the substantial effort we have put into mentoring student’s capacity to develop successful proposals both tri-council and related funding and with regard to their proposals for thesis and dissertation work.

New student funding by source 2011-2012



Students Graduated 2011/12

2011 - 2012 saw the graduation of 6 masters students and 8 PhD. This was a relatively slow yera in comparision to preVIOUS ones. IRES typically graduates closer to 20 students per year, for example in 2010-2011 we graduated 12 Masters and 8 PhD's.

| MA | Supervisor | Thesis Title |
|-----------------------|-------------------|---|
| Jacqueline Belzile | Gunilla Oberg | Lessons from Oz to the Okanagan : water policy and structural reform in a changing climate |
| Susanna Haas Lyons | John Robinson | It's complicated : exploring Facebook's potential for deliberative public engagement on sustainability policy |
| Lindsay Nathaniel | Ralph Matthews | What affects environmentally sustainable behaviour? A case study of visitors to Whistler BC |
| Darlene Seto | Kathryn Harrison | Diversity and engagement in alternative food practice : community gardens in Vancouver, British Columbia |
| MSc | Supervisor | Thesis Title |
| Marlene de Rooter | John Clague | Post-disaster community recovery : linking environmental and economic recovery |
| Michael Lathuilliere | Mark Johnson | Land use effects on green water fluxes in Mato Grosso, Brazil |
| PhD | Supervisor | Thesis Title |
| Alice Cohen | Karen Bakker | From water to watershed : an analysis of rescaled water governance in Canada |
| Christina Cook | Karen Bakker | Putting the pieces together : tracing fragmentation in Ontario water governance |
| Pramod Ganapathi-raju | Tony Pitcher | A Global Study of Incentives and Disincentives to UN (FAO) Code of Conduct and IUU Fishing |
| Stephanie Grand | Les Lavkulich | Reactive soil components and logging in Podzols of southwestern British Columbia |
| Shinan Kassam | Rick Barichello | One explanation for why farmers produce cotton collectively in post-Soviet Tajikistan |
| Craig Mayberry | Ilan Vertinsky | Social entrepreneurs : the role of entrepreneurial orientation and leadership style in non-profit organizations |
| Louise Teh | Rashid Sumaila | Discount rates, small-scale fisheries, and sustainability |
| Lydia Teh | Tony Pitcher | A fuzzy logic approach to spatial management of small-scale fisheries |