



a place of mind



Annual Report

Year 2012 to 2013

Satterfield-IRES Director's Brief Report 2012-2013

Summary of highlights

- Posted, interviewed and secured a superb candidate for the CRC II position in Behavioural Sustainability, jointly appointed with Psychology.
- In the process of working with the LIU institute to secure a CRC I hire in Food Security, from which joint spousal appointments or junior partnership with the CRC I candidate may occur. All posting, interviewing for both candidates are complete, negotiations are ongoing.
- Stewarded through decisions now at SAC two jointly-appointed Promotion & Tenure candidates (Mark Johnson and Leila Harris). Johnson is jointly appointed with Faculty of Science (IRES/EOAS); Harris is jointly appointed in Faculty of Science and Faculty of Arts (IRES/GRSJ).
- Resolved significant number of problems regarding budgeting procedures and accounts set up within CFIS in order to align IRES with Faculty of Science protocols. This included new responsibilities for budgeting and reporting being downloaded entirely to departmental administration.
- Realignment of all faculty salary lines in IRES including CRC top ups; re-organization of all expenses following change in departmental ID.
- Re-organization viz. new peer review of teaching standards and protocols following move to FoS and new university requirements in general.
- Continuation of development of "Sustainability Assessment" Master's program.
- Resourcing new IT services with Central UBC IT following move from CFIS.
- Continuity of administrative staff with only one re-appointment, Graduate Program manager. The Finance office continued to work efficiently with 0.5 less FTE as compared to previous years.
- Training for staff members, most particularly in financial areas, continued following the attachment to Science, and the evolving UBC Budget systems.

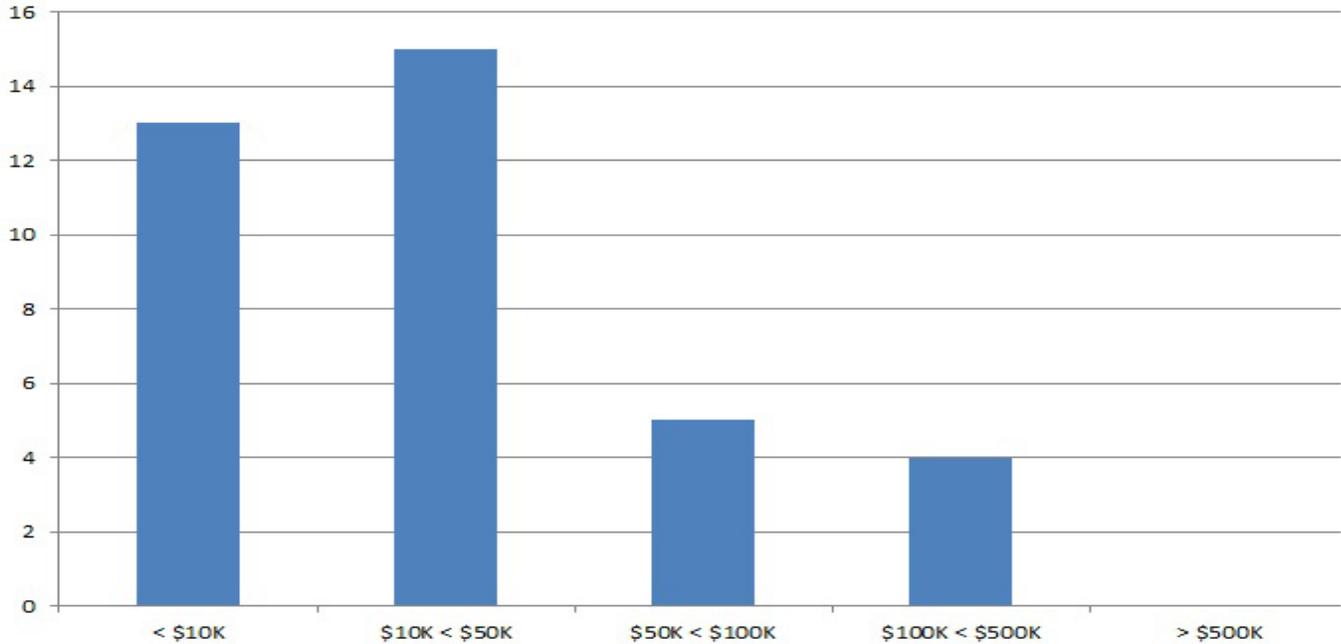
Program Goals 2013-3014

- (1) Work with LIU, Forestry and Geography to secure partnership of CRC I hire of Ramankutty and Rhemtulla.
- (2) Ensure all departmental and university policies are complete and transparently online.
- (3) Ensure 2 or 3 more faculty become eligible as peer reviewers of teaching.
- (4) Complete curriculum proposals and plans for graduate and undergraduate teaching for the coming 5-10 year period.
- (5) Set up mentoring for two new faculty hires– Hannah Wittman and Jiaying Zhao and assist in completion of related CRC proposals.
- (6) Resolve ongoing legacies from CFIS transition regarding joint promotion cases and joint merit and PSA.
- (7) Hire new position in Sustainability Assessment.
- (8) Resolve Gunilla Oberg's appointment.
- (9) Re-examine RMES recruitment program and strategies.
- (10) Resolve Fisheries/IRES program differences for RMES students.

Research Funding

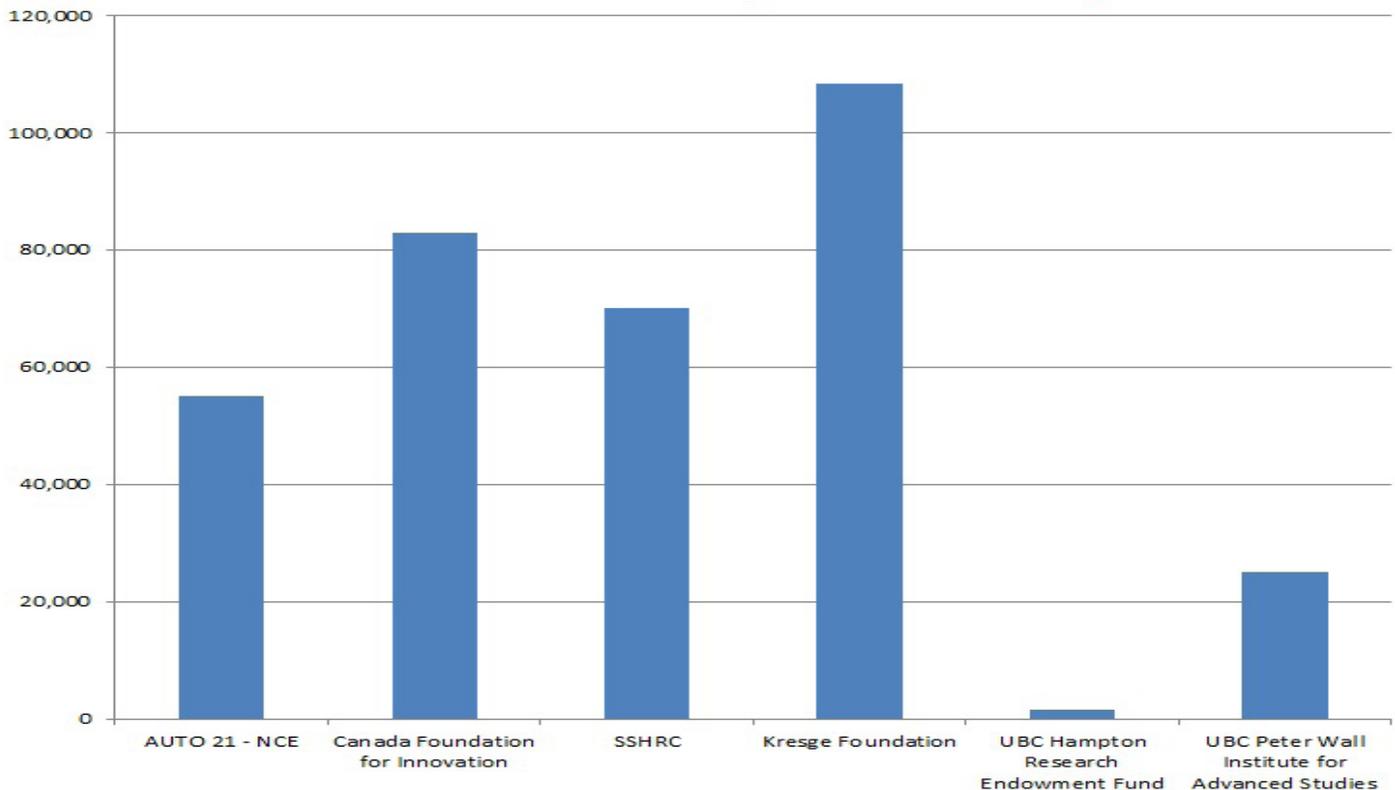
Our faculty is comprising of 10 faculty members, over half of whom are jointly appointed. They combine to a total of 7.35 FTE and held a total of \$1,222,461.22 in funding in 2012/13. This averages to \$166,321.25 per faculty. If faculty (n=2) who do not channel any funding through the department are excluded from this average; the mean funding per faculty is \$189,494.04.

Total Number of IRES Grants Open in 2012/13 with Corresponding Budget Amounts



In the future and in order to avoid any double counting, we will separate funds that are funneled through and managed by IRES faculty versus funds IRES faculty, as PI, bring to UBC more broadly.

Total Value of Grants Newly Awarded in 2012/13



Faculty Awards

Kai Chan	Aldo Leopold Leadership Fellowship
	Future Leaders Initiative—Canada’s representative (decl’d)
Leila Harris	Peter Wall Institute for Advanced Studies, Visiting Scholar Abroad
Milind Kandlikar	Reid Visiting Fellow, Princeton Environmental Institute

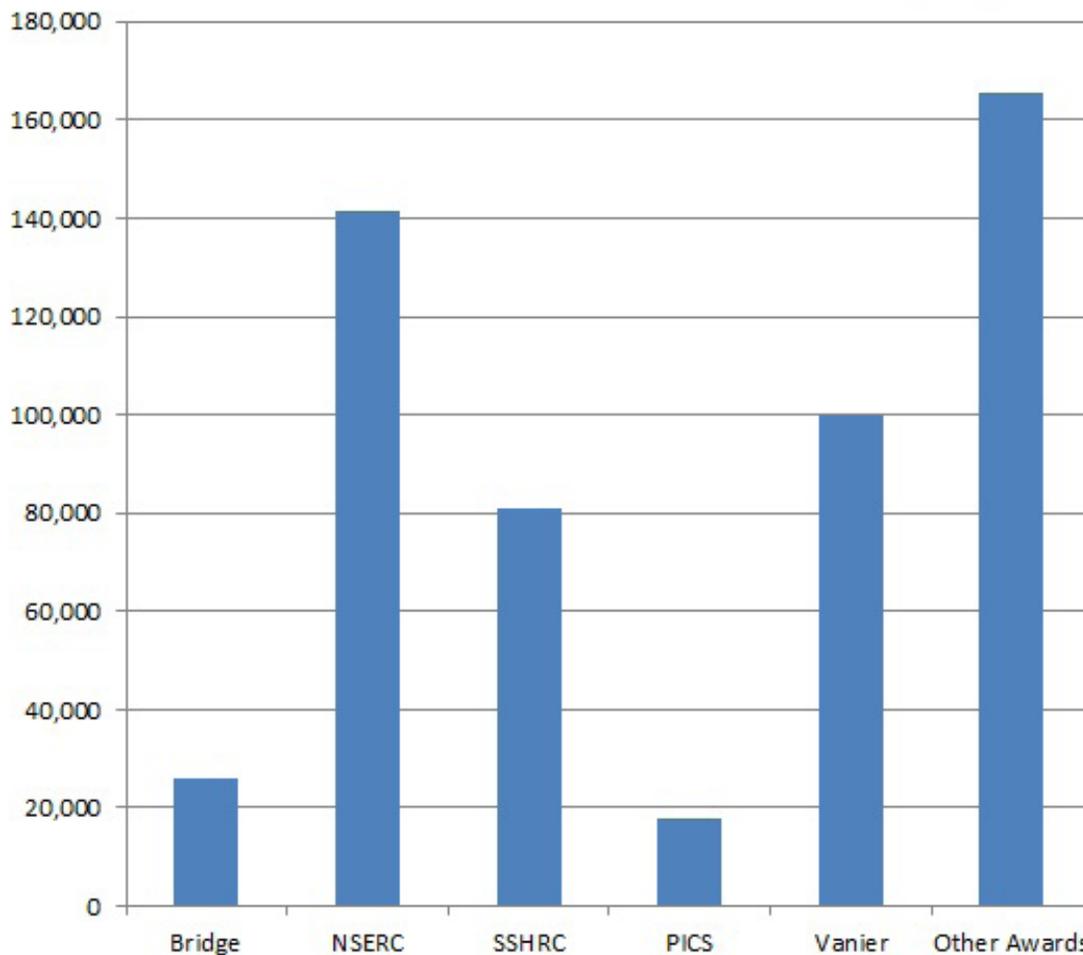
Publications

Faculty published 48 peer reviewed papers in a variety of journals, including but not limited to top journals such as: PNAS 1, Frontiers in Ecology and Society, Bioscience, Environmental Science and Technology, Journal of Environmental Management, Environment and Planning, Ambio, Ecological Economics, Geoforum, Environmental Microbiology, Environmental Research Letters, Science and Public Policy and many others.

Student Funding

Our students held a total of **\$531,844** in external funding in the year 2012/13 averaging **\$19697.93** per student. 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.

2012- 2013 External Student Funding by Source



Students Graduated 2012/13

2012 - 2013 saw the graduation of 11 Masters Students and 8 PhD's.

MA	Supervisor	Thesis Title
Laura Cornish	Stephen Sheppard	Can 4D visioning foster community responses on climate change?
Tee Wern Lim	Frank Tester & Terre Satterfield	Inuit encounters with colonial capital : Nanisivik - Canada's first high Arctic mine
Margaret Morales	Leila Harris	Gender, Labor and Space in Wastewater Management: Informal Settlements in Lomas de Zamora, Argentina
Cluadia Morgado	Charles Menzies	Getting to know the artist : understanding why artists are important contributors to the climate change conversation
Cynthia Morinville	Leila Harris & Gunilla Oberg	Beyond the pipe : participation and alternative water provision in underserved areas of Accra, Ghana
Jennifer Romero	George Hoberg	Forest conservation in Argentina : early analysis of the Forest Law implementation in the Chaco Ecoregion
MSc	Supervisor	Thesis Title
Olivia Freeman	Hisham Zerriffi	Maximizing climate and health benefits in household energy carbon credit projects
Claudia Ho Lem	Hisham Zerriffi & Milind Kandlikar	Climate science, equity, and development : the role of international institutions in capacity building for climate change
James Murphy	Hadi Dowlatabadi	Determinants of health outcomes in switching to electric bicycles
Liesbeth van der Meer	Rashid Sumaila	Fish Retail sector Contribution to the Global Economy
Sonja Wilson	Hadi Dowlatabadi	Remote community electrification using woody biomass
PhD	Supervisor	Thesis Title
Megan Bailey	Rashid Sumaila	Economic analysis of unregulated and illegal fishing in Raja Ampat, Indonesia
Julia Freeman	Terre Satterfield	Engineered Debates and Emergent Biosafety: The Social Controversy and Regulatory Challenges Confronting GE Crops in India.
Brian Gouge	Hadi Dowlatabadi	An integrated Assessment of Public Transportation
Carrie Hoover	Tony Pitcher	Effects of harvest and climate change on polar marine ecosystems : case studies from the Antarctic Peninsula and Hudson Bay
Megan Mach	Kai Chan	Research on marine coastal impacts to promote ecosystem-based management : nonnative species in northeast Pacific estuaries
Meg O'Shea	John Robinson	Embodying and performing sustainability
Wilfram Swartz	Rashid Sumaila	Five not so easy pieces : globalization of fishing and seafood markets
Dawit Tesfamichael	Tony Pitcher	Assessment of the Red Sea ecosystem with emphasis on fisheries