



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.

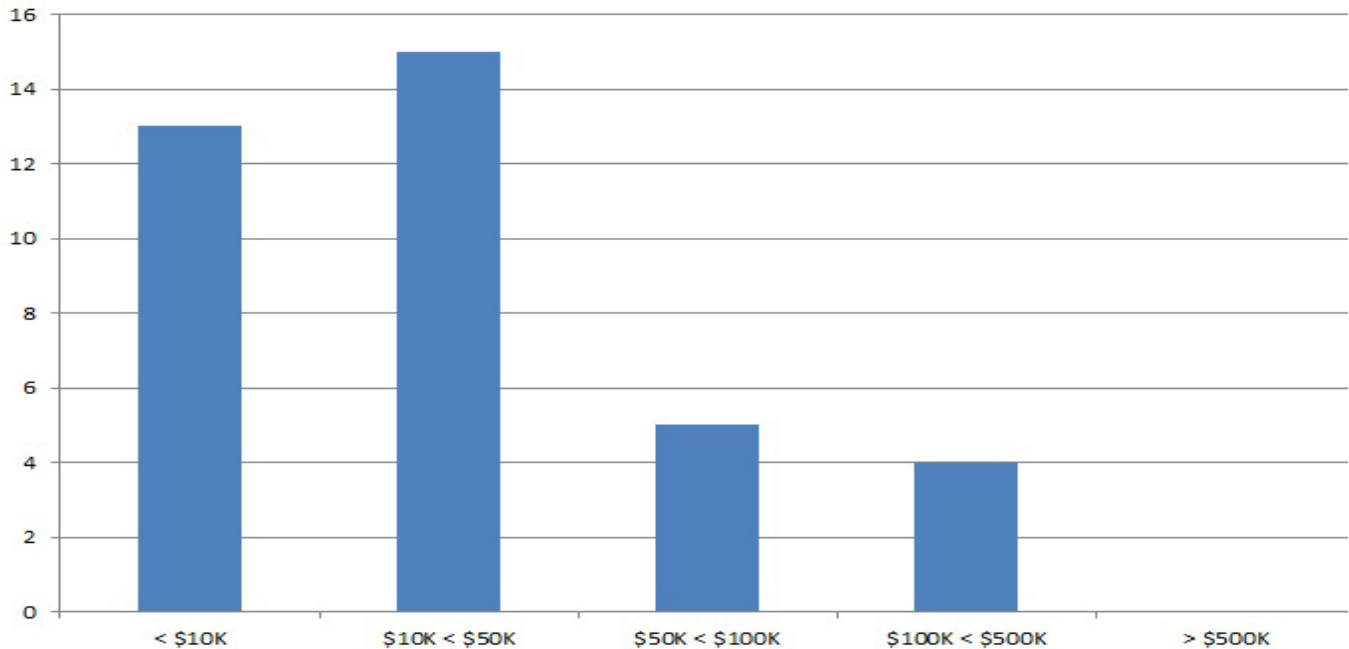
Program Goals 2013-3014

- (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

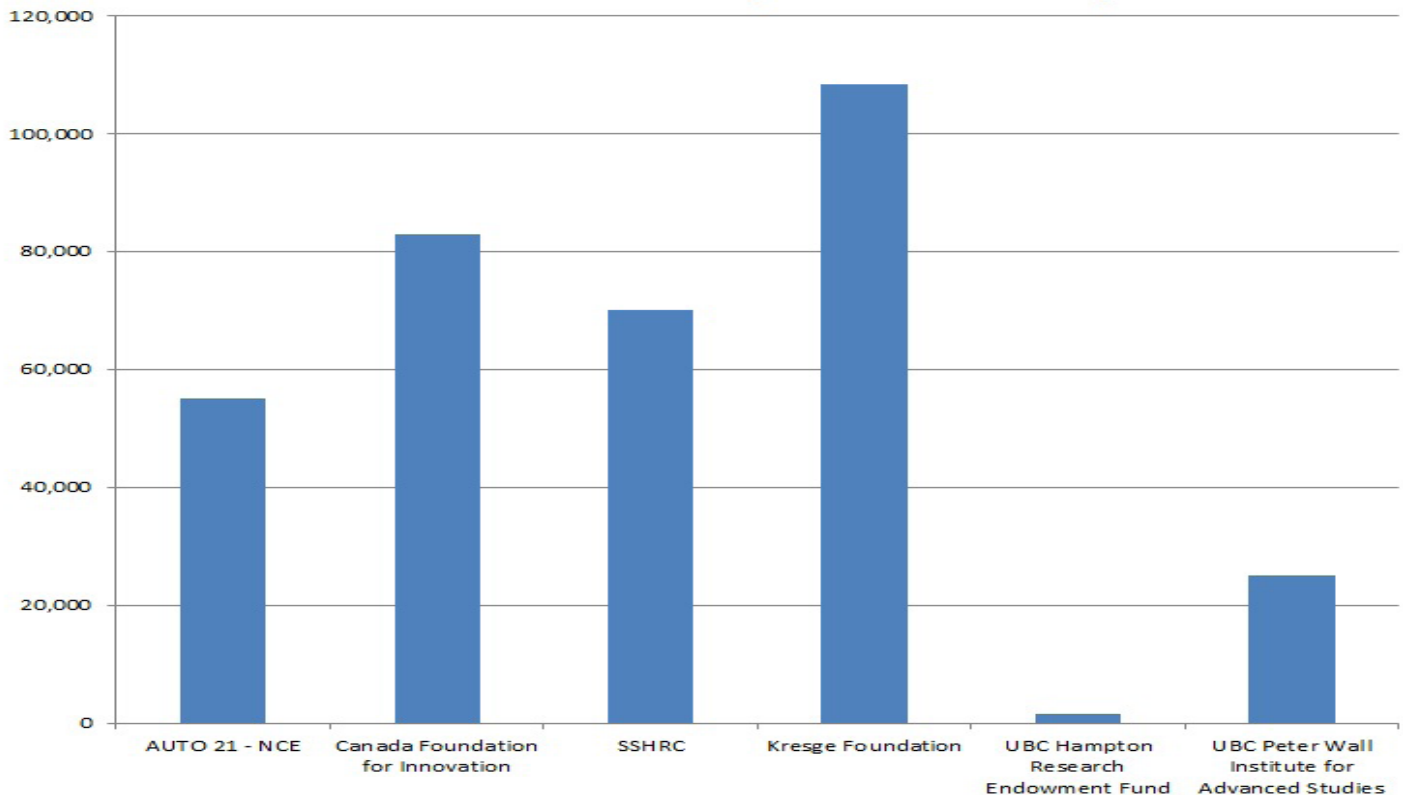
Our faculty is comprising of 10 faculty members, over half of whom are jointly appointed. They combine to a total of 7.35 FTE and held a total of \$1,222,461.22 in funding in 2012/13. This averages to \$166,321.25 per faculty. If faculty (n=2) who do not channel any funding through the department are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

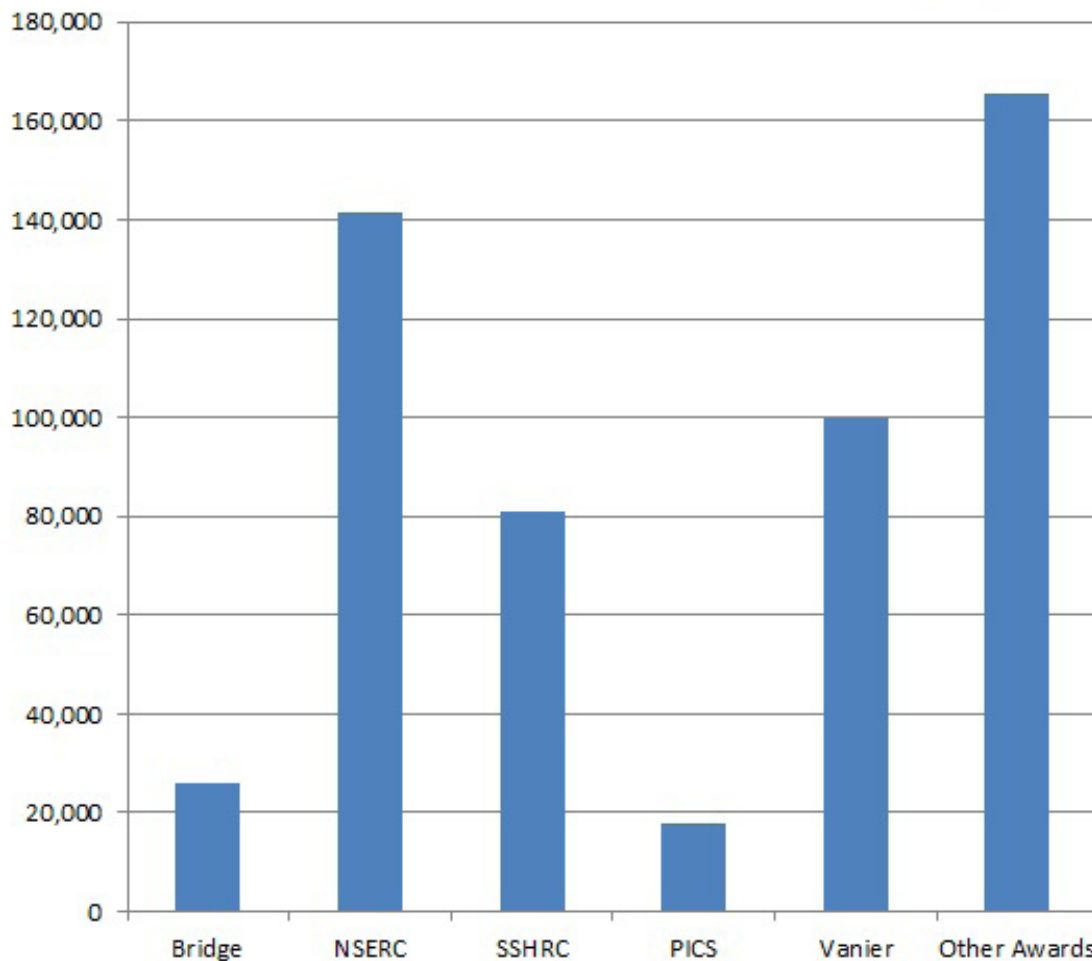
Publications

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 |