

W I N T E R 2 0 1 6

CANSSI
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Canadian Statistical Sciences Institute

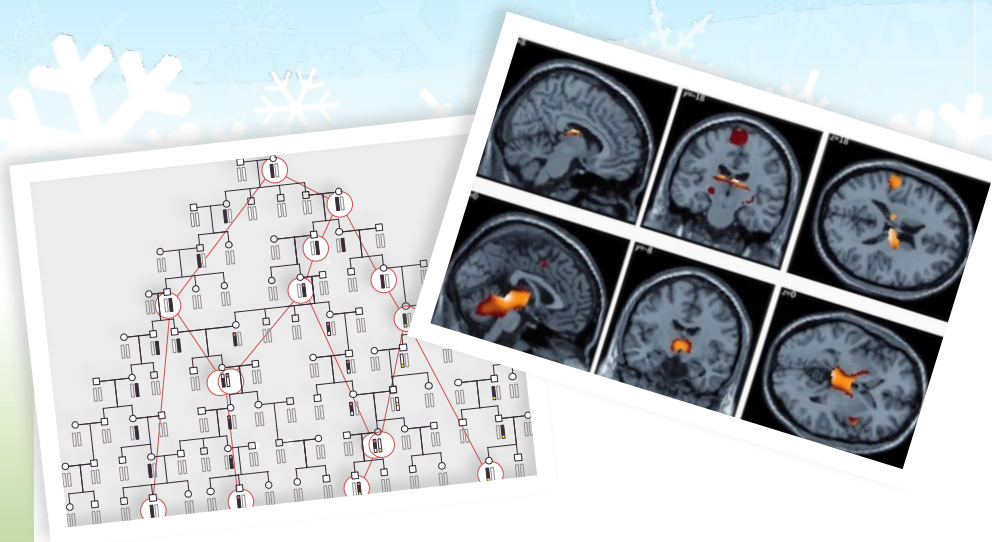
Data • Discoveries • Decisions

New Faces

CANSSI welcomes some new members on the Scientific Advisory Committee. Marie Davidian of NC State, David Hand of Imperial College, Vijay Nair of the University of Michigan, and Michael Newton of the University of Wisconsin joined us in January. In late 2015, two new

representatives from the mathematical sciences institutes were appointed: Doug Nychka, PIMS and Rogemar Mamon, Fields.

The continuing members are Christian Robert, Nell Sedransk, Stephen Fienberg (CRM representative), and Nancy Reid (non-voting).



CANSSI's New Collaborative Research Team Projects

Congratulations to Alexandre Bureau, Farouk Nathoo and Linglong Kong along with their teams for their projects entitled "Rare DNA Variants and Human Complex Traits: Improving Analyses of Family Studies by Better Modeling the Dependence Structures" and "Joint Analysis of Neuroimaging Data: High-Dimensional Problems, Spatiotemporal Models and Computation". [Read more here.](#)

Save the Date!

CANSSI AGM

May 28, 2016

Member institutes should send their representatives.

SSC Meeting

May 29 – June 1

The SSC Meetings are at Brock University this year.

JSM 2016

July 30 – Aug. 4

This year's Joint Statistical Meetings are in Chicago, IL.



Upcoming Deadlines

Stay up to date on CANSSI news by liking us on Facebook or following us on Twitter.



Call for CRT Letters of Intent

[Letters of Intent](#) for Collaborative Research Team (CRT) projects are due on **April 30, 2016**. CANSSI is offering \$180K for each of two CRT projects beginning in 2017. A CRT should be designed for a three-year agenda and include team members from at least two regions in Canada.

Workshop and Conference Proposals

Send us your workshop and conference proposals for 2017 by **June 15, 2016**. Our website contains [guidelines](#) on what should go into your proposals.

Employment Ads

Did you know that CANSSI has an employment ads page? Institutional members are welcome to send us their ads. [Have a look!](#)

SAMSI Workshop Deadlines

May 22-27, 2016: [Interdisciplinary Workshop for Undergraduate Students](#) application deadline is **April 1, 2016**. [CANSSI funding available!](#)

Mitacs Elevate

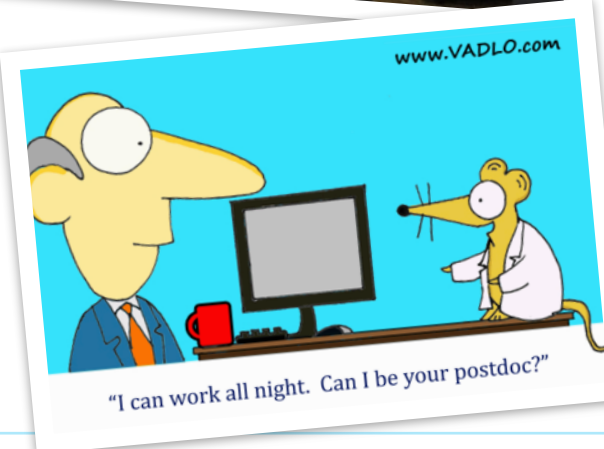
[Mitacs Elevate](#) is now accepting applications for two-year postdoctoral funding:

Letter of intent: **March 23, 2016**, at 5 p.m. PDT

Application: **April 6, 2016**, at 1 p.m. PDT

Results announced: June 2016

Projects must start by September 15, 2016.





Evolving Marked Point Processes with Applications to Wildland Fire Regime Modelling

This team led by John Braun of UBC-Okanagan and Douglas Woolford of UWO has had a busy first year. In April, they have organized a Fields/CANSSI-sponsored workshop on Complex Spatio-Temporal Data Structures as an allied activity of the Fields Institute's 2015 Thematic Program on Statistical Inference, Learning and Models for Big Data. This workshop provided a forum for most of the project's team members and students to interact with experts in spatio-temporal analysis. The team also sponsored a presentation session on Survival Modelling with Environmental Applications at the SSC Meetings in Halifax. In November, the team held a workshop which was partially supported

by the Fields Institute's GSA program. The connections made and the problems identified will support future collaborative research by the CANSSI team and the agency partners in these research areas. This Fields/CANSSI workshop also led to new connections amongst agencies. For example, individuals from fire management agencies at this workshop had discussions regarding a joint Ontario/Alberta/BC meeting to discuss agency approaches, tools, designs and recent progress related to fire management decisions support, and to possibly develop stronger interagency collaboration in this area. [Read more about this team on our website.](#)

Statistical Inference for Complex Surveys with Missing Observations Seminar Series

Mar. 17: Jean-François Beaumont of Statistics Canada will speak at the University of Waterloo.

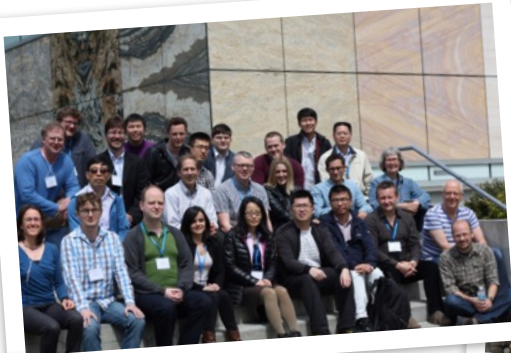
Mar. 29: Jae-kwang Kim of Iowa State University will speak at the University of British Columbia.

May 13: Changbao Wu of the University of Waterloo will speak at Acadia University.

[Further details about the series can be found here.](#)

2015 - Year in Review

CANSSI is proud to support workshops across the country. These photos show just a few that took place in 2015 from coast to coast.



Nominations for CANSSI's Board of Directors

It's time to start thinking about nominations for CANSSI's Board of Directors to serve as elected representatives of the statistical science and CANSSI stakeholder communities. Stay tuned to our website for more information soon!

www.canssi.ca

Statistical Society of Canada

Student conference

Congrès étudiant

de la société statistique du Canada

Take the plunge! // Plongez!

28.05.2016
Brock University
St. Catharines, ON

Keynote speaker // orateur invité
Prof. Robert Tibshirani, Stanford

Information

ssc.ca/en/meetings/2016/student_conference
ssc.ca/fr/congrès/2016/congrès_étudiant



2016 Canadian Society for Epidemiology & Biostatistics

NATIONAL STUDENT CONFERENCE**Patterns of Health: A Population Perspective****JUNE 8-10, 2016****University of Manitoba
Winnipeg****June 8th**Skill Development &
Career Workshops**June 9th**Symposium in partnership
with the Canadian Student
Health Research Forum**June 10th**Contributed Scientific
Sessions**Early Registration Deadline: April 15, 2016****EXTENDED****Abstract submissions close: Feb. 29, 2016****Register at umanitoba.ca/outreach/conferences/cseb2016**

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csebwpg2016@gmail.com**CANADIAN STUDENT Health Research Forum****UNIVERSITY
OF MANITOBA**