In this issue:

2 Screening Surveillance: Launching Three Short Films
   sava saheli singh

3 Public Outreach: Teens Talk Tech: Social Media and Families in the Digital Age
   Emily Smith

4 SSC Seminar Series- Years in Review
   2017 - 2018
   Özge Girgin
   2018 - 2019
   Midori Ogawara

6 BDS Stream Two Workshop: Data-Driven Elections: Implications and Challenges for Democratics Societies
   Michael McDonald

7 BDS Stream Two Workshop: New Lines of (In)Sight: Big Data Surveillance and the Analytically Driven Organization
   Roger von Laufenberg

8 Visiting Faculty: Rafael Evangelista

9 Visiting Faculty: Asako Takano

10 Spotlight on BDS Internship
   Jesse Gordon

11 Member News

12 Events

From the Director

SSC: Marking the first decade: 2009 - 2019
By David Lyon

The Surveillance Studies Centre is an interdisciplinary, international and collaborative research centre whose genesis was a research workshop in 1993, developed into The Surveillance Project by 2000 and granted provisional Centre status in 2009. It’s dynamic and innovative; we are always moving forward, keeping abreast of new surveillance developments in Canada and worldwide. It’s relational; we value the contributions of those at every stage, from MA student to professor emeritus or emerita and we celebrate these over the long-term. And it’s outward-facing, always keen to share our work with new audiences. We thank Queen’s University, which supports us consistently, and for the funds enabling our work from the Social Science and Humanities Research Council and the Office of the Privacy Commissioner.

All these features sparkle brightly in the achievements of the past year. We profited from two visiting professors, from Brazil and Japan, representing Communication and Sociology studies. We also have several fine Postdoctoral Fellows, PhD and MA students, whose research enlivens our efforts and feed into a web of discovery. We recently welcomed new international and national Research Fellows. Our research workshop examined Big Data practices in organizations, reshaping surveillance in several ways. Seminars covered a range of topics, while outreach events included a ‘Teens Talk Tech’ evening and the public launch of our new film series, ‘Screening Surveillance.’ We’re also forging relationships with other campus groups; the Ingenuity Labs Research Institute, Neurosciences Centre and Centre for Advanced Computing. Here’s to the next decade!
On April 8th, the SSC was proud to unveil their latest project: Screening Surveillance. This was an ambitious endeavour completed in less than a year, with funding support from the Office of the Privacy Commissioner of Canada (OPC) and the Social Sciences and Humanities Research Council (SSHRC). We produced three short near-future fiction films to raise awareness about how large organizations use data and how these practices can affect life chances and choices. We want people to consider these implications, and critically examine the logics and practices within big data systems that underpin, enable, and accelerate surveillance.

These three short films speculate on surveillance futures and the effects of deeply embedded and connected surveillant systems on our everyday lives. They were produced as part of the international multiphase project on Big Data Surveillance. Intended as public education tools to spark discussion and extend understandings of surveillance, trust, and privacy in the digital age, each film focuses on a different aspect of big data surveillance and the tensions that manifest when the human is interpreted by the machine. The three films are:

- Written by Nehal El-Hadi and directed by Josh Lyon, Blaxites highlights issues that arise when different data systems are connected.
- Written by Madeline Ashby and directed by Farhad Pakdel, Frames exposes the problems in trusting sensor data and facial recognition to interpret human behaviour.
- Written by Leila Khalizadeh, A Model Employee examines data ownership and the need to earn a system’s trust.

The launch event was held at the local Kingston independent cinema, The Screening Room. The three films were screened, followed by a panel discussion featuring Daniella Barreto, Debra Mackinnon, and Bianca Wylie, moderated by David Murakami Wood. There was a good turn out, with a lively discussion about the issues raised by the films.

While I led and coordinated the effort, this project would not have been possible without the support and trust of the SSC, and the mentorship and guidance from Clarke Mackey. I am excited to put these films out in the world and continue the important conversations about our increasingly surveillance-based society. The films are being shown in university classes around the world, and will be screened at various conferences and film festivals. Please be in touch if you screen the films and share any relevant resources.

sava saheli singh was a BDS postdoctoral fellow at the SSC from January 2018 to June 2019 and led the Screening Surveillance Film Project. For more information and to watch the films, go to: https://www.screeningsurveillance.com/
By Emily Smith

The SSC hosted a public outreach event, along with the eQuality Project, The Ontario Secondary Teachers Federation District 27 and the Kingston Frontenac Public Library called: ‘Teens Talk Tech: Social Media and Families in the Digital Age’ on September 25, 2018 from 6:30-8:30pm in Mackintosh-Corry Hall, Room B201. Valerie Steeves, University of Ottawa, and Valerie Michaelson, Queen’s University, discussed the ways in which the rise of social networking platforms have affected interpersonal relationships, academic achievement, teen dating, internet addiction and bullying. They were joined by some teen-aged participants in the #DisconnectionChallenge, and articulately discussed their experiences and took questions from an audience of fifty parents, teachers and high school students.

To watch the video of the event, go to: https://www.sscqueens.org/events/teens-talk-tech-social-media-and-families-in-the-digital-age

Further resources:
The eQuality Project is a partnership of scholars, research and policy institutes, policymakers, educators, community organizations, and youth that inform digital economy policies, especially privacy, and reinvigorate the cyberbullying debate by identifying evidence-based policies that promote healthy relationships and respect for equality online.
See: http://www.equalityproject.ca/disconnectionchallenge/

Mediasmarts.ca has been developing digital and media literacy programs and resources for Canadian homes, schools and communities since 1996. Through its work it supports adults with information and tools so they can help children and teens develop the critical thinking skills they need for interacting with the media they love.

eQuality Lesson Plans for the Disconnection Challenge
http://www.equalityproject.ca/equality-lesson-plans/

Four Tips for Managing Your Kids Screen Time
http://mediasmarts.ca/four-tips-managing-your-kids%E2%80%99-screen-time

Dealing with Digital Stress
mediasmarts.ca/teacher-resources/dealing-digital-stress
The 2017-2018 academic year was a very rich period for SSC Seminars, with eleven speakers from six countries addressing a spectrum of issues.

Data collection practices by companies was a prominent topic throughout the year. Focusing on Google, Shoshana Zuboff (Harvard Business School, USA) discussed surveillance capitalism and explored how platforms generate behavioural surplus during multiple seminars prior to the publication of her most recent book. Turning our attention to the retail setting, Solon Barocas (Cornell University, USA) explained how retailers use customer data to have control over their workers. Enlightening us on the usage of wearables at Canadian workplaces, Steven Richardson and Debra Mackinnon (Queen’s University, Canada) discussed possible privacy-related implications of these technologies for employees.

Aspects of surveillance on social networks were also among the themes explored. For example, Markus Uhlmann (University of Kassel, Germany) analyzed various approaches of privacy regulation within the context of social network sites. Focusing on young women’s experiences on social media, Marjolein Lanzing (Eindhoven University of Technology, Netherlands), on the other hand, illustrated how aspects of surveillance can be understood from a normative perspective.

Diverse dimensions of surveillance practices and technologies used by governments, institutions and civilians in various geographies were in the spotlight of multiple speakers. With a historical approach, Dennis Molinaro (Trent University, Canada) focused on the introduction of surveillance laws and the secret PICNIC wiretapping program in Canada. Drawing on her research on Canadian unmanned system dynamics, Ciara Bracken-Roche (University of Ottawa, Canada) highlighted Canadian drone space is driven by the surveillance-industrial complex. In a theoretical discussion, Jens Hälterlein (Centre for Security and Society, University Freiburg, Germany) examined epistemologies of approaches to predictive policing. Anouk Mols (Erasmus University Rotterdam, Netherlands), discussed about ordinary Dutch citizens’ watchfulness practices on WhatsApp neighbourhood watch groups and their consequences. Focusing on ‘civic forensics’, Anna Feigenbaum (Bournemouth University, UK) explained the usage of objects and online materials from sousveillance practices by collective civic-led initiatives to document authorities’ force violations. Veronica Moretti (University of Bologna, Italy) gave us a snapshot of how crimes reported in public safety emails in American Universities exercise a specific type of control on students and alter their risk perception.

I feel privileged that I was entrusted with the task of organizing the SSC seminars for three years. It has been a wonderful experience of engaging with distinguished surveillance scholars from all around the world. I would like to thank David Lyon, David Murakami Wood, Joan Sharpe and Emily Smith for their constant support and guidance throughout these years.

--

The SSC wishes to thank Özge Girgin for her excellent organization of the SSC seminars over the past several years (2016-2018). Midori Ogasawara was welcomed to the position for 2018-2019.
By Midori Ogasawara

It was my honest pleasure to take the role of seminar coordinator and invite cutting-edge scholars to the seminars in 2018-2019.

Bianca Wylie (Open Data Institute, Canada) spoke on the political economy of smart cities, specifically the case of Sidewalk Lab’s involvement in the city planning of Toronto. She argued that cities and corporations seek to expand data collection in the market model, while democratic transparency fades away. Molly Sauter (McGill University, Canada) took up this theme and pointed out that the smart city turns individuals into ready-to-read ‘data objects’ and makes data manipulation and interference easier.

Rafael Evangelista (University of Campinas, Brazil) offered a Global South perspective on the concept of surveillance capitalism, which is understood parallel with neoliberal policies and economic austerity measures. In the same frame of surveillance capitalism, Sava Saheli Singh (SSC postdoctoral fellow, Canada) discussed how intimate personal interactions and expressions of emotion online are used as labour by social media platforms.

Lisa Carver (Queen’s University, Canada) showed that health-related data are gathered into ‘wellness reports’ for use by insurance companies and other service providers, and how this impacts older people. Alix Johnson (Queen’s University, Canada) focused on the Arctic, increasingly monitored by surrounding states and raising military tension, resource extraction, and commercial development, against the backdrop of Cold War histories. Continuing the historical accounts, Asako Takano (Meiji Pharmaceutical University, Japan) and Midori Ogasawara (Queen’s University, Canada) talked about Japan’s colonial identification systems in occupied China in 1920 to 1945, and how fingerprinting was used to trace the movements of workers, migrants and refugees.

Tommy Cooke (SSC postdoctoral fellow, Canada) and Chris MacPhee (Centre for Advanced Computing, Queen’s University, Canada) presented on their new project ‘A Day in the Life of Metadata’, which tracks a small set of GPS metadata through a smartphone and into the cloud. Ardi Imseis (Queen’s University, Canada) demonstrated the surveillance techniques of settler colonialism in Israel, along with the fragmentation and control of occupied Palestine. Nasma Ahmed (Digital Justice Lab, Canada) conducted a workshop on changing technologies to protect communities. Adam Molnar (Deakin University, Australia) explained the spread of consumer spyware, how mobile device surveillance is commodified and serves as a broad socio-technical apparatus of control.

The SSC seminar series keeps growing with the variety of themes from both micro and macro perspectives of surveillance. Thank you to all our inspiring speakers!

Midori Ogasawara is now a Banting Postdoctoral Fellow at the University of Ottawa. She can be reached at: ogasawara.m@queensu.ca
BDS Stream Two Workshop: Data-Driven Elections

By Michael McDonald

On April 29-30, 2019, the BDS Project welcomed researchers from Canada, the US, Brazil, and Europe to Victoria BC for a conference entitled, “Data Driven Elections: Implications and Challenges for Democratic Societies.” Hosted at the Office of the Information and Privacy Commissioner of BC, the conference brought together scholars, students, and members of civil society to discuss the growing complexities that data driven campaigning and online political advertising pose for democracies. The dynamic group of attendees shed light on the similar challenges that states are facing, as well as the different solutions they are undertaking to regulate these practices and protect democracy.

In all, twelve presentations took place, in seven sessions, with approximately fifty participants present. The conference began with a panel of Canadian privacy and election regulators who provided context on the legal regime in Canada. Following this, Daniel Kriess and Bridget Barrett presented on Google and Facebook’s role in political operations in Chile, Germany, India, the US, and South Africa. Katherine Dommett gave an interesting analysis of how data is harnessed differently depending on the campaign.

After lunch, we learned about the political technology industry – Facebook and Nationbuilder – from Varoon Bashyakarla, of Tactical Tech, Jeff Chester and Kathryn Montgomery, and Fenwick McKelvey. Day one concluded with Samantha Bradshaw’s interesting discussion of junk news organizations and Young Mie Kim’s fascinating presentation on political advertising in the 2016 US election. Following the stimulating presentations from the day, participants continued their conversations high above the city at the Vista 18 restaurant, amid a gorgeous West coast sunset.

Day two included a discussion of data myths and realities. Rafael Evangelista provided insight on Brazilian President Jair Bolsonaro’s use of WhatsApp to manipulate voters in the 2018 election. The second panel focused on the regulation of microtargeting in Europe as compared to the US, which stimulated interesting group conversations about the best way to enact regulation, and whether our societies should indeed regulate the practice or not. The day was capped with a discussion between civil society partners on data-driven elections.

With panel presentations complete, participants made their way to the University of Victoria for a public event featuring Carole Cadwalladr, of the Guardian and the Observer, in conversation with Michael McEvoy, BC’s Information and Privacy Commissioner. In a packed lecture hall, Carole and Michael discussed the origins and revelations of the Cambridge Analytica story, from both a journalistic and investigative perspective. Audience members asked questions of Carole and Michael, who were most generous with their responses and time.

Michael McDonald is an MA student in Political Science at Uvic, that helped Colin Bennett organize the workshop.
BDS Stream Two Workshop: New Lines of (In)Sight: Big Data Surveillance and the Analytically Driven Organization

By Roger von Laufenberg

Forty invited participants enjoyed two days of interesting presentations and discussion at the Stream Two BDS Research Workshop in Stirling, Scotland on June 4-5, 2018. The event began with an excellent introductory keynote by Jannis Kallinikos, LSE, which was followed by sessions presenting 21 research papers. The workshop addressed the use of Big Data Analytics in business and marketing settings that are creating not only new forms of insights, but also producing intrusive surveillant lines of sight.

Scholars from a range of fields in the Social Sciences and Legal Studies came together to discuss these themes. Some focused on how the analytical gaze (re-) shaped marketing work, such as Tomas Ariztia’s ethnographic study on the creation of consumer databases or Sally Dibb’s paper on the challenges organisations experience when trying to adopt sophisticated analytical tools. Others addressed those on the receiving end of Big Data Surveillance: consumers, citizens and children. Ana Canhoto examined the constant flow of data left by young people through their mobile devices and social media accounts, while Jason Pridmore presented empirical research on consumers responses to home assistant devices such as Alexa. Caroline Lancelot Miltgen provided insight into the actions taken by consumers against such surveillance practices and the difficulties they face. The ethical and regulatory aspects of Big Data Surveillance were discussed by Lina Dencik who presented research on algorithmic discrimination, Vian Bakir’s analysis of Facebook’s involvement in Fake news, dark ads and disinformation, as well as Jedrek Niklas legal analysis of automated discrimination.

These papers are just a few examples of the wide range of topics presented at the workshop. The diverse backgrounds of the attendees enabled rich discussions not only throughout the workshop but also beyond, as participants visited the magnificent Stirling Castle or at the evening dinners. The workshop organisers Kirstie Ball and William Webster have compiled a Workshop Report that is now available on the BDS website (see: https://www.sscqueens.org/resources/new-lines-of-insight-big-data-surveillance-and-the-analytically-driven-organization) and a special journal issue will be published in Big Data & Society.

Roger von Laufenberg is a PhD research student at the School of Management, University of St Andrews, UK and is funded by the Big Data Surveillance project.
Visiting Faculty: Asako Takano

By Asako Takano

I joined the Surveillance Studies Centre as a visiting scholar from August 2018 to March 2019. The SSC is a meeting spot for surveillance scholars from all over the world, so it was my dream to visit and study there and it proved to be a wonderful and valuable experience.

I study the history of biometrics, especially the uses of fingerprinting in Manchuria in China under Japanese colonial rule and in post-World War II Japanese society. Fingerprinting was created by the British police in colonial India in 1897 and was employed in not only European countries and their colonies but also in the Japanese empire in the early twentieth century. This technology is also widely adopted in today’s surveillance society. I am interested in the historical changes of the management of individual bodies and the continuation of the concepts of identification, categorization and social sorting invented by modernization and surveillance because the use of identification technologies always implies inequality and discrimination.

During my stay as a visiting scholar, I participated in two courses taught by Professor David Lyon and Professor David Murakami Wood, in the SSC Seminar Series. I learned about recent theories and topics of surveillance studies and discussed them with graduate students. I also had the opportunity to give a talk on my research and received useful feedback to develop my studies.

I enjoyed Kingston life too. I swam in Lake Ontario in the summer and tried skating in the winter. The SSC members invited me to wonderful events such as a cookie exchange and tea party, so I made many friends. I would like to thank all the SSC members for their support and hospitality. The time I spent at Queen’s is my treasure.

Asako Takano is a Professor at the Meiji Pharmaceutical University, Tokyo, Japan. She can be reached at: takano@my-pharm.ac.jp

“The SSC is a meeting spot for surveillance scholars from all over the world, so it was my dream to visit and study there and it proved to be a wonderful and valuable experience.”

Book cover:
Fingerprinting and Modernity: Control of Moving Bodies and Technology of Governance, Tokyo: Misuzu shobō, By Asako Takano, 2016.
Visiting Faculty: Rafael Evangelista

By Rafael Evangelista

The Surveillance Studies Center (SCC) and professors David Lyon and David Murakami Wood have a history of collaboration with the Latin American Network on Surveillance, Technology and Society Studies (Lavits). As a member of Lavits, I knew of the centre as a reference and pioneer in surveillance studies. That is why I decided to spend my sabbatical year at the SSC, aiming to improve my research interests on the economic use of personal data. At the end of my vistorship, I returned to Brazil with a much more consistent research project to investigate surveillance capitalism in the Global South.

My sabbatical at the SSC was a time of many interesting activities. I am thankful for the invitation to attend the weekly SSC meetings, which helped me understand the organization of the Centre’s research work. These meetings were also an opportunity to follow the production of the Screening Surveillance films, which was fascinating. The encouragement and support to present my project at the SSN bi-annual conference in Denmark was also very important for me, where I had the chance to get to know the global community of surveillance studies. The SSC Seminar Series at Queen’s was also a perfect window to keep track of what was happening in the surveillance studies field. Preparing to present my seminar in the series also helped consolidate my research. The many events promoted by the SSC and Queen’s University kept me busy all the time, always discovering new things.

It was the first time I spent a long time living abroad. The kindness, openness, solidarity and friendship of all in the SSC - professors, students, researchers, staff and the fellow visiting researchers - was extremely important during that year living away from my family. I already miss everyone. I returned to my home not only with professional rewards, but with a valuable new group of friends.

“At the end of my vistorship, I returned to Brazil with a much more consistent research project to investigate surveillance capitalism in the Global South.”

Rafael Evangelista

Rafael Evangelista is a professor of Communication Studies at Campinas University in Brazil, who spent one year at the SSC as a visiting faculty member. His research explores issues of surveillance capitalism. He can be reached at: rae@unicamp.br

---

By Rafael Evangelista

“Beyond Machines of Loving Grace: Hacker Culture, Cybernetics and Democracy,” Edicoes Sesc SP (August 31, 2018)

By Rafael Evangelista
Spotlight on Internship:
Jesse Gordon
Jr. Policy Analyst
OIPCBC

By Jesse Gordon

I became associated with the Surveillance Studies Centre in September 2017 when I started working under Dr. Colin Bennett as an MA student at the University of Victoria. Working with the BDS has provided me with numerous opportunities for which I am grateful, though the most impactful was my work as a Jr. Policy Analyst at the Office of Information and Privacy Commissioner of British Columbia (OIPCBC).

When I arrived at the offices in May 2018, the investigation into Cambridge Analytica, Aggregate IQ, and Facebook was well underway and this office was right in the center of it. Assisting the office in collecting and organizing evidence around this case was an experience I will never forget. However, the day-to-day responsibilities of the office do not stop when a high-profile investigation occurs, meaning I also had the opportunity to help develop policy on privacy issues, meet with community stakeholders to see how policy impacted them on the ground, and attend lectures and meetings by academics and data-regulators around the world through the Global Privacy Enforcement Network (GPEN).

I cannot think of a more dynamic, intelligent, and warm office of people than those at the OIPC. As a voter surveillance scholar, it was remarkable to get first-hand experience working with the regulators who are facing the challenges of protecting privacy in a time when surveillance is so ubiquitous. I would like to personally thank everyone on the policy team for their guidance and wisdom, I have learned invaluable lessons and refined my skills working at the OIPC and cherished my time at the office. I look forward to working with them again at some point in the future.

Jesse Gordon is an MA student at the University of Victoria. He held a BDS student internship as a Jr. Policy Analyst at the Office of the Information and Privacy Commissioner for British Columbia (OIPCBC) from May to August 2018.

Member News

After the midterm review of the Big Data Surveillance project, funding for the remainder of the project was approved in January 2018! For a summary of the first half of the work of the BDS project, as well as future directions, see the BDS Report at: https://www.sscqueens.org/sites/sscqueens.org/files/bds_booklet_spring_2018.pdf

Summaries of our previous two workshops are also available on our website here:
New Lines of (In)Sight: Big Data Surveillance and the Analytically Driven Organization,
University of Stirling, Scotland, June 2018

Security Intelligence and Surveillance in the Big Data Age, University of Ottawa, October 2017

Student Internships took place with partners:
Jesse Gordon, at the OIPCBC, summer 2018
Amelia Jarvis, at ICLMG, summer 2018
The SSC submitted a report to the Queen’s University Senate for its five-year review process in January 2019. A site visit took place on May 27-28, 2019. More information to follow.

Over the past year the SSC welcomed the following (see: https://www.sscqueens.org/people):

Postdoctoral Fellows:
Tommy Cooke (PhD York University)
Alix Johnson (PhD University of California, Santa Cruz)
sava saheli singh (PhD New York University)

Visiting Faculty:
Rafael Evangelista (University of Campinas, Brazil) (2018)
Asako Takano (Meiji Pharmaceutical University, Tokyo, Japan) (2018-2019)

SSC Executive Committee:
Yolande Chan (Smith School of Business, Queen’s University, Canada)
Lisa Kerr (Faculty of Law, Queen’s University, Canada)

Research Fellows:
Mark Andrejevic (Communications & Media Studies, Monash University, Australia)
Kirstie Ball (School of Management, University of St. Andrews, United Kingdom)
Colin J. Bennett (Political Science, University of Victoria, Canada)
Nelson Arteaga Botello (Latin American Faculty of Social Sciences, Flacso, Mexico)
Fernanda Bruno (Communication and Culture, Federal University of Rio de Janeiro, Brazil)
Stephane Leman-Langlois (School of Social Work, Laval University, Canada)
Priscilla M. Regan (Schar School of Policy and Government, George Mason University, USA)
Valerie Steeves (Department of Criminology, University of Ottawa, Canada)
Scott Thompson (Department of Sociology, University of Saskatchewan, Canada)
Kristin Veel (Department of Arts and Cultural Studies, University of Copenhagen, Denmark)

The SSC is wishes to thank Özge Girgin for her dedicated organizing of the SSC seminars over three years (2016-2018). We were pleased to welcome the seminar organizer Midori Ogasawara for 2018-2019. To suggest speakers, please contact her at: ogasawara.m@queensu.ca

See the wearables inventory database, connected with the Report to the OPC, “Left to Their Own Devices? Privacy Implications of Wearable Technology in Canadian Workplaces”, by Steven Richardson and Debra Mackinnon, at: https://www.sscqueens.org/projects/other-projects/wearables

Congratulations:
David Lyon was recognized with the Outstanding Contribution Award by the Surveillance Studies Network for his scholarly and intellectual contributions to the field in July 2018.

David Murakami Wood was successful in obtaining a Short-Term Fellowship with the Japan Foundation entitled ‘The Olympics in the Age of Impossibility: Security and Tokyo 2020,’ for autumn 2019.

MA Graduates: Spencer Huesken, supervised by David Murakami Wood and Jennifer Whitaker, supervised by Norma Möllers.

Midori Ogasawara defended her PhD dissertation on “Bodies as Risky Resources: The Japanese Identification Systems as Surveillance, Population Control and Colonial Violence in Occupied Northeast China” on September 27th, 2018, supervised by David Lyon.

Spencer Revoy defended his Cultural Studies PhD, entitled ‘The Order of Cybernetics: An Archaeology of User-Friendly Design’ on April 23rd, 2019, supervised by David Murakami Wood.

Midori Ogasawara received the Banting Postdoctoral Fellowship (2019-2020), at the University of Ottawa with Valerie Steeves.

sava saheli singh will commence a BDS postdoc at the University of Ottawa with Valerie Steeves beginning July 2019.

Anouk Mols, previous visiting postdoc at the SSC, welcomed baby Jonas on June 21st, 2018.

Lucas Melgaço, previous visiting postdoc at the SSC, and his partner Hanneke welcomed their baby Nora.
Events

SSC Seminar Schedule, available at:
http://www.sscqueens.org/research/seminar

Stream Three Research Workshop:
So Smart? Urban Governance in a Digital Age
Stream Leaders: Valerie Steeves and David Murakami Wood
Spring 2020

For the events calendar, go to:
http://www.sscqueens.org/events/calendar

Follow the Surveillance Studies Centre (SSC) on Twitter at @sscqueens

David Murakami Wood, Joan Sharpe, Asako Takano, Debra Mackinnon, and Sava Saheli Singh at the SSC cookie exchange, December 2018

The SSC Newsletter was compiled and edited by Emily Smith

Staff Contacts:
Joan Sharpe
Project Administrator
surveill@queensu.ca
613-533-6000, ext. 78867

Emily Smith
Research Associate
smithea@queensu.ca
613-533-6000, ext. 78824

Mailing Address:
Surveillance Studies Centre
c/o Department of Sociology
Kingston, Ontario K7L 3N6

http://www.sscqueens.org/