



Micheal David Don Jerowsky

PhD Candidate, University of British Columbia, Geography

Geography of Education | Environmental Education | Emerging Media (VR/AR)
GIS | Environment and Society

✉ mikejsky@gmail.com

☎ 778.835.9089

📍 Vancouver, Canada

🌐 mikejerowsky.com

Current Employment

Teaching & Learning Research and Evaluation Assistant

Feb 2023 - Present

University of British Columbia, Arts Instructional Support & Information Technology
Duties: I work with instructors and ISIT unit managers to conduct research to support teaching and learning in the Faculty of Arts, conduct environmental scans of emerging technologies, and disseminate these results to faculty and staff.

Sessional Instructor | GEOG 313: Environmental Justice and Social Change

Jan 2024 – April 2024

University of British Columbia, Geography Department
Supervisor: Geraldine Pratt, Department Head

Duties: Development of course learning objectives, assignments, grading, exam preparation, and management of teaching assistants. Innovative approaches to teaching include engaging students with the critical use of generative AI. Course topics included distributive, participatory, and recognition justice, environmental racism, racial capitalism, indigenous environmental justice, the social vulnerability of marginalized communities, political ecology, and climate change among others.

Graduate Research Assistant | GEOG 211: The State of Earth

Jan 2024 – April 2024

University of British Columbia, Geography Department
Supervisor: Dr. Loch T. Brown

Duties: Development of collaborative and online approaches to course provision, as well as scaffolded modules and assignments.

Education

University of British Columbia, Vancouver, British Columbia, Canada

Sept 2019 – present

PhD Candidate, Geography

Supervisors: Dr. Brian Klinkenberg and Dr. Loch T. Brown

Proposed Dissertation: Comparing the use of virtual, augmented, and outdoor field trips in the environmental education of children

University of British Columbia, Vancouver, British Columbia, Canada

Sept 2017 – Aug 2019

MA, Geography

Supervisor: Dr. Brian Klinkenberg

Master's Thesis: Exploring barriers to success for community-based organizations engaged in the adaptive co-management of parkland

University of British Columbia, Vancouver, British Columbia, Canada

Sept 2013 – April 2015

BA, Geography

Specialization: Environment and Sustainability

Publications and Conferences

Peer Reviewed Articles

Kalla, M., Jerowsky, M., Howes, B., Borda, A. (2022). Expanding Formal School Curricula to Foster Action Competence in Sustainable Development: A Proposed Free-Choice Project-Based Learning Curriculum. *Sustainability*, 14(23), 16315; <https://doi.org/10.3390/su142316315>

Theses and Dissertations

Jerowsky, M. (2019). Exploring barriers to success for community-based organizations engaged in the adaptive co-management of parkland [Master's Thesis]. University of British Columbia. <http://hdl.handle.net/2429/71283>

Academic Conferences

Jerowsky, M. (2022). Comparing Virtual, Augmented, and Nature Walk-Based Field Trips in the Environmental Education of Children [poster presentation]. American Association of Geographers Annual General Meeting, virtual.

Jerowsky, M. (2021). A Connectivist approach to understanding digital inequity in virtual and augmented environmental education [paper presentation]. American Association of Geographers Annual General Meeting, virtual.

Jerowsky, M., Samarasekera, R., Telfar, P. (2021). Using Blended Pedagogies in a First Year Geography Course: Facilitating Self-Directs, Experiential Learning and Collaboration. University of British Columbia Tech Expo, virtual.

Newspaper Articles and Magazine Entries

McPhee, S., Jerowsky, M. (2022). What is 'blended learning' and how can it benefit post-secondary students? *The Conversation*. <https://theconversation.com/what-is-blended-learning-and-how-can-it-benefit-post-secondary-students-187971>

Jerowsky, M., Borda, A. (2022). Virtual reality can support and enhance outdoor environmental education. *The Conversation*. <https://theconversation.com/virtual-reality-can-support-and-enhance-outdoor-environmental-education-183579>

Book Reviews

Robb, D., Jerowsky, M., & Holmberg, M. (2018). Planetary Improvement by Jesse Goldstein. *Environment and Planning D: Society and Space*. <https://societyandspace.org/2018/07/24/planetary-improvement-by-jesse-goldstein>.

Other Presentations and Publications

Jerowsky, M. (2018). Empowering Communities Through Citizen Science: Strategies and Tools [presentation]. Metro Vancouver Regional Parks Park Fest, Vancouver, British Columbia, Canada.

Jerowsky, M. (2018). Pecha Kucha: The Pacific Spirit Park Society [presentation]. Metro Vancouver Regional Parks Park Fest, Vancouver, British Columbia, Canada.

Jerowsky, M. (2018). The Hit by a Bus Tutorial: Non-Profit Governance and Administration [Presentation]. Metro Vancouver Regional Parks, British Columbia, Canada. Invited.

Voth, K., Cowan, J., Jerowsky, M., Iyer, A., Li, A., & Zokai, G. (2015). Jericho Park: Biodiversity Mapping Project Report [paper presentation]. University of British Columbia, Vancouver, BC, Canada.

Awards, Scholarships, and Grants

SSHRC Joseph-Armand Bombardier Canada Doctoral Scholarship	2020 – 2023
President's Academic Excellence Award	2019, 2020, 2023
Four Year Fellowship	2019 – 2023
Faculty of Arts Graduate Award	2018, 2023
UBC Geography Department Outstanding Teaching Assistant Award	2022
SSHRC Joseph-Armand Bombardier CGS Master's Scholarship	2017
Peter Schaub CHSPR Memorial Award	2016
2015 Canadian Association of Geographers Undergraduate Student Award	2015
American Society of Photogrammetry Robert Bruce Scott Prize	2014
British Columbia Government Scholarship	2003

Teaching Experience and Course Development

<p><i>Sessional Instructor / GEOG 313: Environmental Justice and Social Change</i> University of British Columbia, Geography Department Supervisor: Geraldine Pratt, Department Head Duties: Development of course learning objectives, assignments, grading, exam preparation, and management of teaching assistants. Innovative approaches to teaching included engaging students with the critical use of generative AI. Course topics included distributive, participatory, and recognition justice, environmental racism, racial capitalism, indigenous environmental justice, the social vulnerability of marginalized communities, political ecology, and climate change among others.</p>	Jan 2024 – April 2024
<p><i>Graduate Research Assistant / GEOG 211: The State of Earth</i> University of British Columbia, Geography Department Supervisor: Dr. Loch T. Brown Duties: Development of collaborative and online approaches to course provision, as well as scaffolded modules and assignments.</p>	Jan 2024 – April 2024
<p><i>Graduate Research Assistant</i> University of British Columbia, Geography Department Supervisor: Dr. Nina Hewitt Duties: Creation of online, open-source education materials, as well as virtual and augmented reality field trips.</p>	Sept 2022 – April 2023
<p><i>Graduate Research Assistant</i> University of British Columbia, Geography Department Supervisor: Dr. Siobhán McPhee Duties: Development of course content, learning modules, and media. Key topics include digital geographies, 360 field trips, power and space, gender, race, sexual orientation, colonialism, and Indigeneity.</p>	June 2022 – July 2022, May 2021 – Dec 2022
<p><i>Graduate Teaching Assistant / GEOG 372: Cartography</i> University of British Columbia, Geography Department Supervisor: Dawn Mooney Duties: Organized and lead weekly lab tutorials, graded assignments, and proctored final exam. Key topics included cartographic principles, history of cartography, critical cartography, map design, Illustrator, Javascript, ArcGIS Desktop, elementary statistics, and web mapping.</p>	Jan 2022 – April 2022, Jun 2018 – Dec 2018
<p><i>Graduate Teaching Assistant / GEOG 374: Introduction to Statistics</i> University of British Columbia, Geography Department Supervisor: Dr. Nina Hewitt</p>	Sept 2021 – Dec 2021, Jan 2019 – May 2019

Duties: Organized and lead weekly lab tutorials, graded assignments, and proctored final exam. Key topics included elementary statistical analysis, R, Jupiter Notebooks and Excel.

Graduate Teaching Assistant / GEOG 121: Geography, Environment and Globalization Sept 2021 – Dec 2021
University of British Columbia, Geography Department
Supervisor: Dr. Siobhán McPhee

Duties: Microsoft Teams support, and exam invigilation. Key topics include human-environment relationships, urbanization, and regional growth; trade and communications; environment and war; environmental governance and sustainability.

Graduate Teaching Assistant / GEOG 410: Environment and Society Jan 2021 – April 2021
University of British Columbia, Geography Department
Supervisor: Dr. Loch T. Brown

Duties: Lead discussion groups, graded assignments, and developed course content. Key topics included environmental governance and politics, economy, culture, and sustainable development.

Graduate Teaching Assistant / GEOB 270: Introduction to Geographic Information Systems Jan 2021 – April 2021
University of British Columbia, Geography Department
Supervisor: June Skeeter

Duties: Organized and lead weekly lab tutorials, and graded assignments and exams. Key topics included geospatial analysis using ArcGIS Pro, elementary statistics, and critical GIS.

Graduate Teaching Assistant / GEOB 211: The State of Earth Oct 2020 – Dec 2020
University of British Columbia, Geography Department
Supervisor: Dr. Loch T. Brown

Duties: Developed online course materials, learning modules, and activities. Key topics included environmental philosophy, population pressure, consumption, vital resources, scarcity, degradation, planetary boundaries, resource conflict, and climate change.

Graduate Research Assistant / Curriculum Development: Minor in GIS and Geographical Computation Dec 2018 – Feb 2020
University of British Columbia, Geography Department
Supervisor: Sally Hermansen

Duties: Assisted in visioning, surveyed faculty members, assisted in preparation of funding applications, developed learning objectives and scaffolding modules.

Guest Lecturer | GEOB 370: Advanced Geographic Information Science Oct 2019
University of British Columbia, Geography Department
Presentation: “Obtaining Geospatial Data”

Guest Lecturer | GEOG 372: Cartography Nov 2018
University of British Columbia, Geography Department
Lecture: “Democratizing the Map: An Introduction to Critical Cartography and Web 2.0”

Graduate Teaching Assistant / GEOG 121: Geography, Modernity, and Globalization Jan 2018-April 2018
University of British Columbia, Geography Department
Supervisors: Dr. Jim Glassman and Dr. Trevor Barnes

Duties: Organized and lead weekly discussion sections, graded assignments, and proctored final exam. Topics of interest included introductions to urban geography, social geography, and world history 1490-1945.

Professional Experience

Teaching & Learning Research and Evaluation Assistant Feb 2023 - Present
University of British Columbia, Arts Instructional Support & Information Technology

Duties: I work with instructors and ISIT unit managers to conduct research to support teaching and learning in the Faculty of Arts, conduct environmental scans of emerging technologies, and disseminate results to faculty and staff.

Web Developer and Designer, Co-Owner
Elite Geek

Jun 2008 – Sep 2017

Duties: Front and back-end development of websites for small to medium sized businesses and non-profits.

Business Operations Analyst
SAP

Sep 2006 – May 2008

Duties: Prepared reports on audit compliance and documented finance controls for the operations department. Developed business rules/best practices and facilitated change-management projects in conjunction with IT and order management representatives. Developed training materials and trained new hires. Analyzed business pipeline and provided reports on revenue recognition, order status, and end-of-quarter standings.

Web and IT Manager

Sept 2006 – May 2008

Arts Undergraduate Society, University of British Columbia

Duties: Provided onsite IT support for students and events. Maintained workstations and networks while developing and designing website.

Volunteer and Community Work

Director, Vice President

Feb 2022 - present

Metro Vancouver Regional Parks Foundation

Duties: Work with the board of directors to raise funds to help support the health of the Metro Vancouver Regional Park system. Directors liaise with community members, politicians, and non-profits to provide funding to projects that promote environmental restoration, monitoring, and education.

Director, Treasurer, Past President

Nov 2015 – present

Pacific Spirit Park Society

Duties: Liaise with park stakeholders, Metro Vancouver Regional Parks staff, and environmental non-profits while managing and planning community-based conservation, citizen science, and environmental education programs in Pacific Spirit Regional Park. Board secretary (2015-2017), Board President (2017-2019), Board Treasurer (2019-present).

Web Designer

June 2019 – Sept 2019

Irish Women's Network

Duties: Spatial analysis and cartography showcasing the Irish community in British Columbia Canada. Work commissioned by the Consulate General of Ireland and the Ireland Department of Foreign Affairs and Trade.

Web Designer

June 2015 – Sept 2015

Jericho Stewardship Society

Duties: Front end development of the Jericho Stewardship Society website.

GIS Analyst

June 2015 – Sept 2015

Evergreen, UBC Department of Forestry, and Jericho Stewardship Society

Duties: Monitoring of plot-level data and spatial analysis of biodiversity values throughout Jericho Park. A report was then written and presented to the City of Vancouver.

Board Member, Elect

Sept 2005 – June 2007

Arts Undergraduate Society, University of British Columbia

Duties: Philosophy student representative, social committee, executive committee.

Board Member

Philosophy Students Association

Duties: Web design and development, student liaison, and student representative to the Faculty of Arts.

Sept 2004 – June 2006

Languages

English – Native language

French – Limited working proficiency