

YULIA EGOROVA

I am a PhD student at University of British Columbia, looking for post doc opportunities.

EDUCATION

- 2017-present • **University of British Columbia**
PhD of Earth and Ocean Sciences
Specialization Oceanography
📍 Vancouver, Canada
- 2013-2016 • **University of British Columbia**
Masters of Earth and Ocean Sciences
Specialization Oceanography
📍 Vancouver, Canada
- 2010-2012 • **Thompson Rivers University**
Bachelor of Science
Specialization: Environmental Chemistry
📍 Kamloops, Canada
- 2007-2010 • **Mendeleev University of Chemical Technology**
Bachelor of Chemical Engineering
Specialization: Composite Materials
📍 Moscow, Russia

RESEARCH EXPERIENCE

- May 2020-present • **UBC's Equity & Inclusion Scholar**
University of British Columbia
📍 Vancouver, Canada
- 2015-present • **Curriculum developer**
Datapi Learning Center
• developing tutoring material for Math, Chemistry, Physics, Calculus, Science
📍 Vancouver, Canada
- 2018-present • **Course developer**
University British Columbia
📍 Vancouver, Canada
- 2016-2017 • **Sturgeon Lab Technician**
British Columbia Conservation Foundation
📍 Vancouver, Canada
- Jul-Aug 2019 • **Canvas Rover**
University British Columbia
📍 Vancouver, Canada
- Jan-May 2013 • **Research Assistant**
Eco Divemaster Internship
📍 Roatan, Honduras
- Jun-Jul 2011 • **Research Assistant**
Great White Shark Conservation Project
📍 Mossel Bay, South Africa
- Jul-Aug 2009 • **Research Assistant**
ARCHELON, the Sea Turtle Protection Society of Greece
📍 Crete, Greece

CONTACT INFO

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🌐 github.com/yuliaUU
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For more information, please contact me via email

SKILLS SUMMARY

- 📊 Data visualization
- 📊 Data Analysis
- 📊 R programming
- 📂 Research
- 📚 Teaching

DIPLOMAS

🌟 Certificate in Advanced Teaching and Learning

University of British Columbia, Vancouver, CAN, 2018-2019

🌟 Marine Biology Ascentis Level 3 Diploma

Oxford College, London, UK, 2010-2012



TEACHING EXPERIENCE

- 2015-present

● **STEM Tutor**
DataPi Learning Center

tutor for K-G12 students in: Math, Calculus, AP Calculus, Science, Chemistry, Physics, and MCAT

📍 Vancouver, Canada
- Jul-Aug 2019

● **Future Global Leaders Program Instructor**
University British Columbia

📍 Vancouver, Canada
- Jan-Aug 2018

● **Staff Educator for After School Programs**
[Sea Smart](#)

📍 Vancouver, Canada
- 2016-2018

● **Seasonal Instructor**
University British Columbia

Vancouver Summer Program Science Package B: Atmosphere and Ocean Instructor

📍 Vancouver, Canada
- 2015-present

● **Lab Instructor**
University British Columbia

EOSC111 -Laboratory Exploration of Planet Earth

📍 Vancouver, Canada
- 2013-present

● **Graduate Teaching Assistant**
University British Columbia

EOSC112 - The Fluid Earth: Atmosphere and Ocean
EOSC110 - The Solid Earth: A Dynamic Planet
EOSC114 - The Catastrophic Earth: Natural Disasters
EOSC315 - The Ocean Ecosystem
EOSC478 - Introduction to Fisheries Science
STAT545 - Data wrangling, exploration, and analysis with R
STAT547 - Reproducible workflows and interactive dashboards with R
SCIE113 - First-Year Seminar in Science

📍 Vancouver, Canada



ACHIEVEMENTS

- 2020

● **Killam Graduate Teaching Award**
University British Columbia

📍 Vancouver, Canada
- Term 2 2019

● **Highest Student evaluations in the Faculty of Science**
University British Columbia

📍 Vancouver, Canada
- Term 1 2019

● **Excellent student evaluations of the teaching for EOSC 111**
University British Columbia

📍 Vancouver, Canada
- Term 2 2018

● **Excellent student evaluations of the teaching for EOSC 111**
University British Columbia

📍 Vancouver, Canada
- Term 2 2018

● **Highest student evaluations in the Faculty of Science**
University British Columbia

📍 Vancouver, Canada



VOLUNTEER EXPERIENCE

- 2019–2020 ● **Co-chair of the IOFSS travel grant committee**
University British Columbia 📍 Vancouver, Canada
- Jun–Jul 2019 ● **IOFSS travel grant adjudication committee**
University of British Columbia 📍 Vancouver, Canada
- 2013–2015 ● **Gallery Educator**
Vancouver Aquarium 📍 Vancouver, Canada



AWARDS & FUNDING

- Apr 2020 ● **Killam Graduate Teaching Award**
\$500
- May 2020 ● **President's Academic Excellence Initiative PhD Award**
\$289
- 2017–2021 ● **Four Year Fellowship**
\$18,200.00 per annum
- 2013–2016 ● **UBC International Tuition Award**
\$3,200.00/year
- 2013–2016 ● **Hakkai Beach Institute Research Grant (Tula Foundation)**
\$21,000/year
- Jun 2015 ● **Special UBC Graduate Scholarship-W.H. Matthews Award**
\$2,500
- May 2012 ● **CUEF Research Operating Grant to attend CSC Conference (Calgary),**
\$1,000
- May–Aug 2012 ● **Undergraduate Research Experience Award Program (U-REAP)**
\$4,500



PUBLICATIONS

- Egorova, Y. Temporal and spatial patterns of outmigration of juvenile sockeye salmon in Rivers Inlet. 2016. University of British Columbia. Retrieved from <https://open.library.ubc.ca/collections/ubctheses/24/items/1.0320798>
- N. Mora-Diez, Y. Egorova, H. Plommer, P. Tremaine. Theoretical Study of Deuterium Isotope Effects on Acid-Base Equilibria under Ambient and Hydrothermal Conditions. RSC Adv., 2015, 5, 9097-9109. doi: [10.1039/C4RA14087G](https://doi.org/10.1039/C4RA14087G)



CONFERENCE PRESENTATIONS

- Hart Plommer, Yulia Egorova, N. Mora-Diez*. Deuterium isotope effects on acid-base equilibria. 28th Canadian Symposium on Theoretical and Computational Chemistry (CSTCC), Windsor, Ontario, Canada, July 15-19, 2018 (*invited speaker).
- "Unlocking Chemical Diaries of Life & Environmental History: Ecological Applications of LA-ICP-MS". 2016 Hakai Institute Research Exchange, Nanaimo, BC, Canada, October 2016 (poster and presentation).

- **“Temporal and Spatial Patterns of Outmigration of Juvenile Sockeye Salmon in Rivers Inlet”. 2015 Hakai Institute Research Exchange, Nanaimo, BC, Canada, October 2015 (poster and presentation).**
- **“Sensitive Determination of 4-Methylimidazole in by Electrospray Ionization-Liquid Chromatography-Mass Spectrometry (ESI-LC/MS)”. 95th Canadian Chemistry Conference, Calgary, Canada, June 2012 (poster).**
- **“Study of Deuterium Isotope Effects on Acid-Base Equilibria”. 95th Canadian Chemistry Conference, Calgary, Canada, June 2012 (poster).**