

EDUCATION

University of British Columbia PhD of Earth and Ocean Sciences Specialization: Oceanography	Sep 2017 – current Vancouver, CAN
University of British Columbia Certificate in Advanced Teaching and Learning	Sep 2018–Sep 2019 Vancouver, CAN
University of British Columbia Masters of Earth and Ocean Sciences Specialization: Oceanography	Sep 2013 – Oct 2016 Vancouver, CAN
Thompson Rivers University Bachelor of Science Specialization: Environmental Chemistry	Sep 2010 – Dec 2012 Kamloops, CAN
Oxford College Marine Biology Ascentis Level 3 Diploma Specialization: Marine Biology (DE)	Oct 2010 - Oct 2012 London, UK
Mendeleyev University of Chemical Technology Bachelor of Chemical Engineering Specialization: Composite Materials	Sep 2007 – Aug 2010 Moscow, RUS

WORK EXPERIENCE

University British Columbia UBC's Equity & Inclusion Scholar	May 2020- present Vancouver, CAN
DataPi Learning Center Math, English, Physics, Chemistry and Science Tutor	Oct 2015 – present Vancouver, CAN
University British Columbia Research and Teaching Assitant	Sep 2013 – present Vancouver, CAN
University British Columbia Canvas Rover	Sep 2018 – present Vancouver, CAN
University British Columbia Future Global Leaders Program Instructor	Jul – Aug 2019 Vancouver, CAN
University British Columbia Seasonal Instructor for VSP Science Package B: Atmosphere and Ocean	Jun – Aug 2016-2018 Vancouver, CAN
Sea Smart Staff Educator for After School Programs	Jan – Aug 2018 Vancouver, CAN
British Columbia Conservation Foundation Sturgeon Lab Technician	Dec 2016 – Apr 2017 Vancouver, CAN

VOLUNTEER EXPERIENCE

University of British Columbia FoS Killam Teaching Awards Committee	Apr 2020 – Apr 2021 Vancouver
University of British Columbia IOFSS travel grant adjudication committee	Jun 2019 – Jul 2019 Vancouver
Vancouver Aquarium Gellery Educator	Oct 2013 – Feb 2015 Vancouver
Eco Divemaster Internship Research Assistant	Jan 2013 – May 2013 Honduras
Great White Shark Conservation Project Research Assistant	Jun 2011 – Jul 2011 South Africa
ARCHELON, the Sea Turtle Protection Society of Greece Research Assistant	Jul 2009 – Aug 2009 Greece

RESEARCH FUNDING & AWARDS

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

ACHIEVEMENTS

- Killam Graduate Teaching Assistant Award 2020
- Highest student evaluations in the Faculty of Science (UBC) in Winter Term 2 ,2019
- Excellent student evaluations of the teaching for EOSC 111 (Term 1 2019)
- Excellent student evaluations of the teaching for EOSC 111 (Term 2 2018)
- Highest student evaluations in the Faculty of Science (UBC) in Winter Term 2, 2018
- Co-chair of the IOFSS travel grant committee at UBC (Sep 2019 – present)

PUBLICATIONS

- Jared B. Stang, Emily Altieri, Patrick J. Dubois, Yulia Egorova, Christine Goedhart, Joss Ives, Karen M. Smith, Jaclyn J. Stewart The Contributions of Self-Efficacy and Test Anxiety to Physics Exam “Gender Gaps”. **2020**. Physics in Canada (PiC)
- Egorova, Y. *Temporal and spatial patterns of outmigration of juvenile sockeye salmon in Rivers Inlet*. **2017**. 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
Submitted:
- Egorova, Y., Pakhomov, E., Hunt, B., Amini, M. High-resolution LA-ICP/MS analysis of juvenile sockeye salmon (*Oncorhynchus nerka*) otoliths during the early stage of the marine entry. Submitted to Journal of Fisheries Biology.
- Kuzmenko, Y., Specivy, T., Egorova, Y., Hunt, B., Stewart, J., Pakhomov, E. Strontium signal lags in otoliths of juvenile Sockeye salmon (*Oncorhynchus nerka*) during transition from the freshwater to marine environment. Submitted to Canadian Journal of Fisheries and Aquatic Sciences

In preparation:

- Egorova, Y., Pakhomov, E., Hunt, B. Utilization of the estuarine environment by juvenile sockeye salmon. To be submitted to J. Estuarine, Coastal and Shelf Sciences
- Egorova, Y., Pakhomov, E., Hunt, B. Rivers Inlet interannual variability in outmigration duration and physical condition of juvenile sockeye salmon (*O. nerka*) in recent years (2008-2011). To be submitted to J. Fish and Aquatic Sciences
- Egorova, Y., Pakhomov, E., Hunt, B. Density-dependent size of the juvenile smolts in Owikeno Lake. To be submitted to J. Applied Ichthyology.

CONFERENCE PRESENTATIONS

- Jaclyn Stewart*, Jared Stang, Yulia Egorova." Enhancing equity and inclusion by attending to the effective domain: Measuring self-efficacy and sense of belonging across active learning introductory science courses". X-DBER **2021** (*invited speaker).
- 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).