

Christopher Gordon  
Department of Physics & Atmospheric Science  
Halifax, NS, B3H 4R2  
[chris.gordon@dal.ca](mailto:chris.gordon@dal.ca)

**EDUCATION** *Bachelor of Science, Honours Co-op Physics & Atmospheric Science*  
Dalhousie University, Halifax, NS, expected graduation May 2016

**PUBLICATIONS** Snider, G., Weagle, C. L., Martin, R. V., van Donkelaar, A., Conrad, K., Cunningham, D., **Gordon, C.**, Zwicker, M., Akoshile, C., Artaxo, P., Anh, N. X., Brook, J., Dong, J., Garland, R. M., Greenwald, R., Griffith, D., He, K., Holben, B. N., Kahn, R., Koren, I., Lagrosas, N., Lestari, P., Ma, Z., Vanderlei Martins, J., Quel, E. J., Rudich, Y., Salam, A., Tripathi, S. N., Yu, C., Zhang, Q., Zhang, Y., Brauer, M., Cohen, A., Gibson, M. D., and Liu, Y.: "SPARTAN: a global network to evaluate and enhance satellite-based estimates of ground-level particulate matter for global health applications", *Atmos. Meas. Tech.*, 8, 505-521, doi:10.5194/amt-8-505-2015, 2015

**EXPERIENCE** *Honours Research Project* May 2015–Present  
Dalhousie University, Halifax, NS

Department of Physics & Atmospheric Science, Department of Oceanography

- Investigation of carbon export attributed to the spring bloom in the North Atlantic Ocean
- ARGO float data used extensively in analysis and forcing/optimization of 1D Nutrient-Phytoplankton-Zooplankton-Detritus (NPZD) model

*Student Research Technician in Aquatic Optics* May 2014–May 2015  
Environment Canada, Burlington, ON  
Canada Centre for Inland Waters

- Built a suite of MATLAB functions to process optical data collected on research cruises
- Participated in field work on a research cruise on Lake Erie

*Air Quality Analyst* January 2014–May 2014  
Dalhousie University, Halifax, NS  
Department of Physics & Atmospheric Science

- Work contributing to the SPARTAN project researching ground level aerosols (PM<sub>2.5</sub>)
- Weighing filter/samples from around the world, Black Carbon analysis, and prepping samples for Ion Chromatography or ICP-MS

*Research Assistant* May 2013–January 2014  
Dalhousie University, Halifax, NS  
Department of Medical Neuroscience

- Work with the Atlantic Mobility Action Project (AMAP) lab in the Life Sciences Research Institute (LSRI)
- Imaged lumbar spinal cord slices of mice using two-photon laser scanning microscopy (2PLSM)

**SKILLS**

- *Programming:* C++, Python, MATLAB, bash, gnuplot
- *Working Environment:* Linux/Unix, cluster system
- *Writing:* L<sup>A</sup>T<sub>E</sub>X, Microsoft Office