Taylor S. Jones

Contact Information	20 Oxford St. Cambridge, MA	410-490-7284 taylorjones@g.harvard.edu

Research Interests

Optical remote sensing. Urban pollution transport observation technologies. Atmospheric Modeling.

Education

Harvard University, Cambridge, MA

Ph.D., Environmental Science and Engineering, *Expected:* Spring 2020

- Advisor: Steven Wofsy, Ph.D

University of Maryland, College Park, MD

B.S., Electrical Engineering, May 2009

- Concentration: Electrophysics

Research Experience

Research Assistant — August 2014 to present

Biosphere-Atmosphere Exchange,
Harvard University
Supervisor: Steven Wofsy, Ph.D
Develop measurement techniques for the remote sensing of pollutants.

Professional Experience

Systems Engineer — April 2010 to July 2014

SigmaSpace Corporation
Designed and built low-energy LIDAR systems for the study of atmospheric aerosols and Planetary Boundary Layer dynamics.

Electrical Engineer — August 2009 to April 2010

Syneren Technologies
Designed printed circuit boards (PCB) for remote sensing satellites.

Awards and Fellowships

Stonington Graduate Fellowship of Environmental Science and Engineering — 2014-2015

Publications

J.K. Hedelius, C. Viatte, D. Wunch, ..., **T. Jones**, (7/12) ..., P.O. Wennberg. Assessment of Errors and Biases in Xgas Retrieved from a low resolution spectrometer. *Atmospheric Measurement Techniques* — 2016

J. Chen, J.K. Hedelius, C. Viatte, **T. Jones** (4/10), ..., S.C. Wofsy. Differential Column Measurements Using Compact Solar-Tracking Spectrometers. *Atmospheric Chemistry and Physics* — 2016