

**Christopher F. Lee**  
Department of Chemistry  
University of Colorado Boulder, UCB 215, Boulder, CO 80309-0215  
phone: +1 (661) 917 6117; email: christopher.f.lee@colorado.edu

## Education

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Expected 2023	Ph.D. in Chemistry Current GPA: 3.94 / 4.00 Emphasis: Atmospheric trace gas measurements via optical spectroscopy Advisor: Prof. Rainer Volkamer University of Colorado Boulder, Boulder, Colorado, United States
2018	B.S. in Chemistry and Earth System Science GPA: 3.71 / 4.00 Thesis title: "In situ production of methyl bromide, methyl chloride, and carbon disulfide in the GISP2D ice core" University of California at Irvine, Irvine, California, United States

## Research and Professional Experience

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Summer 2018	Undergraduate Research Assistant, Biomass Burning Flux Measurements of Trace Gases and Aerosols (BB-FLUX) field campaign, University of Colorado at Boulder, Boulder, CO, USA
2015 to 2018	Undergraduate Research Assistant, Saltzman / Aydin Research Group, Department of Earth System Science, University of California at Irvine, Irvine, CA, USA
Summer 2016, Summer 2017	Intern, Mass Spectrometry Development Group, NASA Jet Propulsion Laboratory, Pasadena, CA, USA

## Conference Proceedings

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2019 (talk)	<b>Lee, C.F.</b> , T. K. Koenig, H. Finkenzeller, A. Colomb, J. Metzger, and R. Volkamer, MAX-DOAS Measurements of SO <sub>2</sub> , BrO, OCIO, and IO in Volcanic Plumes at Reunion Island, 2nd Annual OCTAVE Progress Meeting & Intensive Field Campaign Workshop, Brussels, Belgium, May 17, 2019
2019 (talk)	<b>Lee, C.F.</b> , N. Kille, K. J. Zarzana, T. Koenig, B. J. Howard, T. Campos, L. Oolman, D. M. Plummer, R. Volkamer, <i>Deployment of the CU airborne SOF instrument during the 2018 BB-FLUX campaign</i> , 3rd CINDI-2 Workshop, Frascati, Italy, February 2019
2019 (poster)	<b>Lee, C. F.</b> , N. Kille, K. J. Zarzana, B. J. Howard, T. L. Campos, D. Toohey, J. R. Snider, L. D. Oolman, E. V. Fischer, R. Volkamer, <i>The CU Airborne SOF Instrument: Spectral Retrieval and Data Validation for the 2018 BB-FLUX Campaign</i> , 3rd CINDI-2 Workshop, Frascati, Italy, February 2019

2019 (poster)      **Lee, C. F.**, N. Kille, K. J. Zarzana, B. J. Howard, T. L. Campos, D. Toohey, J. R. Snider, L. D. Oolman, E. V. Fischer, R. Volkamer, *The CU Airborne SOF Instrument: Spectral Retrieval and Data Validation for the 2018 BB-FLUX Campaign*, 99th AMS Meeting, Phoenix, AZ, USA, January 2019

## Honors and Awards

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Fall 2019            Chemistry Graduate Teaching Excellence Award, Department of Chemistry, University of Colorado Boulder

Spring 2018        Cum laude (Latin honors), School of Physical Sciences, University of California at Irvine  
Departmental Honors, Department of Earth System Science, University of California at Irvine  
Campus-wide Honors, University of California at Irvine  
Undergraduate Research / Departmental Service Award, Department of Earth System Science, University of California at Irvine  
Membership in Phi Lambda Upsilon, National Chemistry Honor Society  
Membership in Phi Beta Kappa, National Honor Society

Fall 2014 to  
Spring 2016        Dean's Honor List, University of California at Irvine

Winter 2017 to  
Spring 2018        Dean's Honor List, University of California at Irvine

## Teaching Positions

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Spring 2019        Teaching Assistant, Instrumental Analysis, Department of Chemistry, University of Colorado at Boulder, Boulder, CO, USA

Fall 2018            Teaching Assistant, General Chemistry and General Chemistry Laboratory, Department of Chemistry, University of Colorado at Boulder, Boulder, CO, USA

## Graduate Coursework

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- Atmospheric Chemistry
- Advanced Atmospheric Chemistry
- Radiative Processes in Planetary Atmospheres (enrolled)
- Mass Spectrometry, Chromatography, and Computer Programming
- Soil and Water Chemistry

## Skills

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Programming      Igor, Python, MATLAB, Mathematica