

Eric Van Clepper

Previous Names

Eric Van Camp

Contact Information

Department of Geophysical Sciences
University of Chicago
ericvc@uchicago.edu

Education

2020- Ph.D. Candidate, Geophysical Sciences, University of Chicago, Chicago, IL
2015-2019 BA *cum laude* Astronomy, Planetary Science, Northwestern University, Evanston, IL

Employment

2020- Research and Teaching Assistant, University of Chicago, Chicago, IL
Advisor: Fred Ciesla
2019-2020 N'Cat Tutor, Northwestern University, Evanston, IL
2017-2019 Undergraduate Research Assistant, Northwestern University, Evanston, IL
Advisor: Giles Novak

Selected Grants

2023 NASA FINESST
2018 Northwestern Weinberg Research Grant
2018 NASA ISG Summer Research Grant
2018 Sigma Pi Sigma Membership
2017 NASA ISG Summer Research Grant

Conference Presentations

Meteoritical Society, 86th Annual Meeting, Los Angeles (August 2023)
Kavli-IAU Astrochemistry Symposium, Astrochemistry VIII (July, 2023)
Meteoritical Society, 84th Annual Meeting, Chicago (August 2021)

Poster Presentations

Origins of Solar Systems, Gordon Research Conference (June, 2023)
Emerging Researchers in Exoplanet Sciences VII (August 2022)

Publications

[ORCID](#), [Google Scholar](#), [ADS](#)

First Author Publications

Van Clepper, E., Bergner, J., Bosman A., Bergin E., and Ciesla F. (2022) "Chemical Feedbacks of Pebble Growth: Impacts on CO Depletion and C/O Ratios." *The Astrophysical Journal* 927: 206. <https://doi.org/10.3847/1538-4357/ac511b>

Other Publications

- Seligman, Darryl Z., Rogers, L., Cabot, S., et al. **incl. Eric Van Clepper** (2022) “The Volatile Carbon-to-oxygen Ratio as a Tracer for the Formation Locations of Interstellar Comets.” *The Planetary Science Journal* 3:150. <https://doi.org/10.3847/PSJ/ac75b5>.
- Chuss, David T., Andersson, B-G., Bally, J., et al. **incl. Eric Van Camp** (2019) “HAWC+/SOFIA Multiwavelength Polarimetric Observations of OMC-1.” *The Astrophysical Journal* 872:187. <https://doi.org/10.3847/1538-4357/aafd37>.
- Santos, Fabio P., Chuss, D., Dowell C., et al. **incl. Eric Van Camp** (2019) “The Far-Infrared Polarization Spectrum of ρ Ophiuchi A from HAWC+/SOFIA Observations.” *The Astrophysical Journal* 882: 113. <https://doi.org/10.3847/1538-4357/ab3407>.

Academic Service

Departmental Service

2022 - 2023: Co-organizer of University of Chicago Exoplanet Journal Club

Outreach

2022, Nov 21: Planetary science and grad student life panel, College of the South