

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

Grants and Awards

2019 Honors award for undergraduate research, Northwestern Physics and Astronomy dept.
2019 Earth and Planetary Sciences Student Marshall
2018 Northwestern Weinberg Research Grant
2018 NASA ISG Summer Research Grant
2018 Sigma Pi Sigma Membership
2017 NASA ISG Summer Research Grant

Publications

First Author Publications

Van Clepper, Eric, Jennifer B. Bergner, Arthur D. Bosman, Edwin Bergin, and Fred J. Ciesla.
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

Chuss, David T., B-G Andersson, John Bally, Jessie L. Dotson, C. Darren Dowell, Jordan A. Guerra, Doyal A. Harper, 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., David T. Chuss, C. Darren Dowell, Martin Houde, Leslie W. Looney, Enrique Lopez Rodriguez, Giles Novak, 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>.

Conference Presentations

Van Camp, Eric, Jennifer B. Bergner, Arthur D. Bosman, Edwin Bergin, and F.J. Ciesla. 2021.
“A Unified Model of Pebble Growth, Diffusion, and Chemistry in Protoplanetary Disks.”
84 Annual Meeting of the Meteoritical Society. Chicago, IL: LPI.

Poster Presentations

2023, June: Origins of Solar Systems, Gordon Research Conference

2022, August: Emerging Researchers in Exoplanet Sciences VII

Academic Service

Departmental Service

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

Outreach

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