

## **Eric Van Clepper**

### **Previous Names**

Eric Van Camp

### **Contact Information**

Department of Geophysical Sciences  
University of Chicago  
[ericvc@uchicago.edu](mailto: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  
2017 NASA ISG Summer Research Grant

### **Conference Presentations**

Goldschmidt Conference, Chicago (August 2024)  
FARGO3D 1st Workshop, Santiago, Chile (January 2024)  
Meteoritical Society, 86th Annual Meeting, Los Angeles (August 2023)  
Kavli-IAU Astrochemistry Symposium, Astrochemistry VIII, Traverse City (July, 2023)  
Meteoritical Society, 84th Annual Meeting, Chicago (August 2021)

### **Poster Presentations**

New Heights in Planet Formation, ESO Dust Busters (July, 2024)  
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, Eric**, Price, E. M., and Ciesla, F. (2025) “Three-dimensional transport of solids in a protoplanetary disk containing a growing giant planet.” *The Astrophysical Journal* 980:201 <https://doi.org/10.3847/1538-4357/ada8a4>

**Van Clepper, Eric.**, 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

Price, Ellen M., **Van Clepper, E.**, and Ciesla F. (2025) “Dynamics of Small, Constant-size Particles in a Protoplanetary Disk with an Embedded Protoplanet.” *The Astrophysical Journal* 979:37 <https://doi.org/10.3847/1538-4357/ad9f35>

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  $\rho$  Ophiuchi A from HAWC+/SOFIA Observations.” *The Astrophysical Journal* 882: 113. <https://doi.org/10.3847/1538-4357/ab3407>.

### Academic Service

#### Departmental Service

2024 - 2025: Graduate Union Steward for the Department of Geophysical Sciences

2023: Co-organizer of University of Chicago Graduate Research Expo

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

#### Outreach

2023, Nov 14: Planetary science and grad student life panel, College of the South

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