

# rodrigo luger

## coordinates

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Center for Computational  
Astrophysics, NY 📍

## about

I am a postdoctoral fellow at the Center for Computational Astrophysics in New York City, working on finding novel ways to discover and characterize exoplanets. I am broadly interested in exocartography, astro-statistics, noise modeling, & general analytic techniques for astronomy. Outside of the office I love to hike, cycle, swim, craft lattes, faulty parallelism, and Oxford commas.

## stats

Total Pubs	49
Refereed	41
First Author	15
Citations	2164
h-index	24

## references

**eric agol**

agol@uw.edu

**david w. hogg**

dhogg@flatironinstitute.org

**rory barnes**

rory@astro.washington.edu

## education

2012–2017	<b>PhD</b> Astronomy and Astrobiology	University of Washington, Seattle WA
	– On the evolution, detection, and characterization of small planets in the habitable zones of M dwarfs	
	– Advised by Eric Agol, Rory Barnes, and Victoria Meadows	
2012–2013	<b>MSc</b> Astronomy and Astrobiology	University of Washington, Seattle WA
2006–2010	<b>BA</b> Astrophysics	Swarthmore College, Swarthmore PA
	– Minor in English Literature	

## positions

2018–	<b>Flatiron Fellow</b>	Center for Computational Astrophysics, New York, NY
	– Work on statistical and computational data analysis problems	
	– Develop algorithms and open-source software for timeseries analysis	
2017–2018	<b>Postdoctoral Researcher</b>	University of Washington
	– Developed photometric de-trending methods to aid in the search for small planets transiting small stars; developed and maintained the <b>everest</b> pipeline	
2012–2017	<b>Research Associate</b>	University of Washington
	– Developed techniques to detect and characterize habitable zone planets	
	– Investigated the atmospheric evolution of planets orbiting M dwarfs	

## honors

2018–2022	<b>Flatiron Fellowship</b>	Center for Computational Astrophysics, New York, NY
2018	<b>Hubble Postdoctoral Fellowship</b>	(Declined)
2018	<b>51 Pegasi b Fellowship</b>	(Declined)
2012–2015	<b>ARCS Fellowship</b>	University of Washington
2010	<b>Bobby Berman Memorial Prize</b>	Swarthmore College

## teaching & outreach

2020–	<b>Mentor, Simons-NSBP Program</b>	Flatiron Institute
	– Mentor black undergraduate students through the Simons-National Society of Black Physicists summer program	
2019–	<b>Mentor, AstroCom</b>	AMNH / CUNY
	– Mentor undergraduate students from underrepresented groups in the sciences at the City University of New York	
2010–2012	<b>High School Teacher</b>	St. Luke's School, New Canaan CT
	– Created and taught a rigorous, college-level elective course in astrophysics aimed at seniors interested in pursuing college classes in the field	
	– Taught three sections of 11th grade physics with a focus on astronomy	