

# Angus “Gus” Beane

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<http://gusbeane.github.io>

Undergraduate

Department of Physics & Astronomy

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## Education

BA/MS (anticipated) Physics & Astronomy, University of Pennsylvania. 2019

## Positions

Associate Research Assistant, Flatiron Institute, New York, NY. Aug 2018 – Dec 2018

Summer Research Assistant, Flatiron Institute, New York, NY. Jun 2018 – Aug 2018

Research Assistant, University of Richmond, Richmond, VA. Jun 2014 – Jun 2017

## Honors

Barry Goldwater Scholarship. 2018

Phi Beta Kappa, University of Pennsylvania. 2018

Roy & Diana Vagelos Science Challenge Award. 2017 – 2019

## 4 Refereed publications

1. **Beane, A.**, Villaescusa-Navarro, F., & Lidz, A., [Measuring the EoR Power Spectrum Without Measuring the EoR Power Spectrum](#), *Accepted in Astrophys. J.*  
arXiv:1811.10609
2. **Beane, A.**, Ness, M. K., & Bedell, M., 2018, [Actions Are Weak Stellar Age Indicators in the Milky Way Disk](#), *Astrophys. J.* **867** 31.
3. **Beane, A.** & Lidz, A., 2018, [Extracting Bias Using the Cross-bispectrum: An EoR and 21 cm-\[C II\]-\[C II\] Case Study](#), *Astrophys. J.* **867** 26.
4. **Beane, A.**, Miller III, B., & Parish, C., 2017, [Internal abstraction of dynemicin A: An MD approach](#), *J. Mol. Graph. Model.* **74** 251–264.

## Contributed talks

CCA Intensity Mapping Workshop, New York, NY. Feb 2019

AAS 233rd Meeting, Seattle, WA. Jan 2019

## Teaching

Grader, ASTR 212 (Introduction to Astrophysics II), UPenn. Spring 2018

Teaching Assistant, MATH 114 (Multi-variable Calculus), UPenn. Spring 2017

Teaching Assistant, MATH 104 (Single-variable Calculus), UPenn. Fall 2016