

# Gregory Simonian

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🐙 gregosimo

## Education

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| <b>The Ohio State University</b><br><i>Ph.D Astronomy, Advisor: Prof. Marc Pinsonneault</i> | <b>Columbus</b><br>2013–2019 |
| <b>California Institute of Technology</b><br><i>B.S. Astronomy, Cum Laude</i>               | <b>Pasadena</b><br>2009–2013 |
| <b>title:</b> Title                                                                         |                              |
| <b>supervisors:</b> Supervisors                                                             |                              |
| <b>description:</b> Short thesis abstract                                                   |                              |

## Experience

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| <b>Teaching</b> .....                                                                                                                                                                                                                                                                                                                                                                                             |                                 |
| <b>The Ohio State University</b><br><i>Graduate Teaching Assistant</i><br>Teaching assistant for 13 courses at OSU.<br>Duties included: <ul style="list-style-type: none"><li>○ Led weekly laboratory sessions</li><li>○ Graded homework assignments</li><li>○ Assisted with in-class discussions</li><li>○ Assisted with in-class demonstrations</li><li>○ Proctored exams</li><li>○ Held office hours</li></ul> | <b>Columbus</b><br>2013–2018    |
| <b>California Institute of Technology</b><br><i>Undergraduate Teaching Assistant</i><br>Teaching assistant for astronomy for non-majors course.<br>Duties included: <ul style="list-style-type: none"><li>○ Led weekly recitation sections</li><li>○ Graded homework assignments</li><li>○ Held office hours</li><li>○ Facilitated final presentation for recitation section</li></ul>                            | <b>Pasadena</b><br>2012         |
| <b>Observing</b> .....                                                                                                                                                                                                                                                                                                                                                                                            |                                 |
| <b>MDM 2.4-meter Hiltner Telescope</b><br><i>Optical Spectroscopy</i><br>Part of thesis project to detect RV variability in <i>Kepler</i> rapid rotators                                                                                                                                                                                                                                                          | <b>14 nights</b><br>Summer 2017 |
| <b>MDM 2.4-meter Hiltner Telescope</b><br><i>Optical Spectroscopy and Photometry</i><br>Queue Observing                                                                                                                                                                                                                                                                                                           | <b>5 nights</b><br>Winter 2017  |

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|--------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>Large Binocular Telescope</b><br><i>Optical Spectroscopy and Photometry</i><br>Queue Observing            | <b>19 nights</b><br><i>Summer 2014</i> |
| <b>MDM 1.3-meter McGraw-Hill Telescope</b><br><i>Optical Spectroscopy</i><br>Reverberation Mapping Campaign  | <b>9 nights</b><br><i>Winter 2014</i>  |
| <b>MDM 2.4-meter Hiltner Telescope</b><br><i>Optical Spectroscopy and Photometry</i><br>DES Quasars          | <b>9 nights</b><br><i>Autumn 2013</i>  |
| <b>Palomar 200"</b><br><i>Optical Spectroscopy</i><br>Time-Resolved Spectroscopy of CR Boo for Senior Thesis | <b>3 nights</b><br><i>Spring 2011</i>  |

## Proposals

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**PI:** "Tidally-synchronized binaries in the *Kepler* Field"  
MDM 2.4-meter telescope, 14 nights in 2017B

**PI:** "Tidally-synchronized binaries in the *Kepler* Field"  
APOGEE Ancillary, 61 Targets in 2017

## Seminars

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**Double Trouble: The Impact of Binarity in Rotation Datasets**  
*National Society for Black Physicists Conference* *November 2018*

**The Leaky STEM Pipeline: Middle and High School**  
*OSU Diversity Journal Club* *May 2014*

## Leadership

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**Student Organization:** Armenian Students Association

- **President** 2017–2018
- **Treasurer** 2015–2017
- **President** 2014–2015

## Languages

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**English:** Fluent *Primary language*

**Armenian:** Conversational *Native Language*

## References

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- [SM17] Gregory V. Simonian and Paul Martini. "Circumstellar dust, PAHs and stellar populations in early-type galaxies: insights from GALEX and WISE". In: *MNRAS* 464 (Feb. 2017), pp. 3920–3936. DOI: 10.1093/mnras/stw2623.

- [SPT18] Gregory V. A. Simonian, Marc H. Pinsonneault, and Donald M. Terndrup. “Rapid Rotation in the Kepler Field: Not a Single Star Phenomenon”. In: *ArXiv e-prints*, arXiv:1809.02141 (Sept. 2018), arXiv:1809.02141. arXiv: 1809.02141 [astro-ph.SR].