

Arizona State University (ASU)

Phone: (480) 965-4274

School of Earth and Space Exploration (SESE) Mobile: (505) 603-2022

E-mail: ftimmes@asu.educococubed.asu.edu**Research Interests**

Stars, in general and especially their evolution, final fate, and nucleosynthesis.

Chemical evolution, growth of every isotope at every point in spacetime.

Astrobiology, synthesis and delivery of bioessential elements to habitable systems.

Gamma-ray astronomy, revolving around radioactive isotopes.

Software Instruments, High Performance Computing, and next-generation Internet.

Recent Appointments2019 – Senior Lead Editor, American Astronomical Society [Journals](#)2016 – Lead Editor, American Astronomical Society [Journals](#)2009 – Scientific Editor, American Astronomical Society [Journals](#)

2008 – Professor, SESE, ASU

Recent Honors2015 [Simons Fellow](#) in Theoretical Physics2014 [Fellow](#), American Physical Society2013 Student Student Cluster Competition Prize, [Supercomputing](#)**Recent Research Funding**

Since 2008: \$26.0M, \$6.8M to ASU

2018 – 2019 Sloan PI \$36K, *Digital Infrastructure*2018 – 2019 NSF PI \$100K, *2018 NSF SI2 PI Workshop*2017 – 2021 NSF PI \$2.3M, *Modules for Experiments ... (MESA)*2014 – 2019 NSF Co-PI \$11.2M, *Physics Frontiers Center, JINA-CEE*2015 – 2018 NASA Co-PI \$676K, *Assessing the Effects of New Reaction Rates ...***Recent Education Activities**2015 – 2018 Largest [college-credit](#) eligible astronomy course in the world, ~10,000 students/yrAugust 2015 First [college-credit](#) eligible MOOC in the world2011 – Director & Lecturer, [MESA Summer School](#), UC Santa Barbara**Publication Summary**

276 publications, 114 refereed + 3 in preparation.

3 papers with 1000+ citations; 6 with 500+ ; 12 with 200+ ; 22 with 100+ citations.

Citations: [9,696 ADS](#), [13,411 Google Scholar](#); *h*-index: 41 ADS, 48 Google Scholar.One of the 20 most cited Astrophysics papers published in [1995](#), [2000](#), [2011](#), [2013](#), [2015](#), and [2018](#).