

Arizona State University
 School of Earth and Space Exploration (SESE)
 E-mail: ftimmes@asu.edu

Phone: (480) 965-4274
 Mobile: (505) 603-2022
cococubed.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 Appointments

2016 – Lead Editor, American Astronomical Society [Journals](#)
 2009 – Scientific Editor, American Astronomical Society [Journals](#)
 2008 – Professor, SESE, ASU

Recent Honors

2015 [Simons Fellow](#) in Theoretical Physics
 2014 [Fellow](#), American Physical Society
 2013 Student Student Cluster Competition Prize, [Supercomputing](#)

Recent Research Funding

Since 2008: \$26.0M, \$6.8M to ASU
 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 ...*
 2014 – 2018 NASA PI \$1.2M, *Supernova Progenitor ... (SPIDER)*

Recent Education Activities

2015 – Largest [college-credit](#) eligible astronomy course in the world, ~10,000 students/yr
 Aug2015 First [college-credit](#) eligible MOOC in the world
 2011 – Director & Lecturer, [MESA Summer School](#), UC Santa Barbara

Publication Summary

270 publications, 113 refereed + 3 in preparation.
 Papers with 1000+ citations: 2; with 500+ citations: 5; with 200+ citations: 12; with 100+ citations: 19.
 Citations: [8,640 ADS](#), [10,895 Google Scholar](#); *h*-index: 41 ADS, 47 Google Scholar.
 One of the 20 most cited Astrophysics papers published in [1995](#), [2000](#), [2011](#), [2013](#), [2015](#), and [2018](#).

