

# Grant Mathews: Candidate for Nominating Committee

**Affiliation:** University of Notre Dame

**Position/Title:** Professor/Director, Center for Astrophysics

**PhD institution:** University of Maryland, 1977

**Areas of scientific interest:**

Theoretical astrophysics and cosmology: Relativistic hydrodynamics simulations of core-collapse supernovae and binary neutron-star mergers; Simulations of galaxy formation and evolution; Simulations of large scale structure; Nuclear astrophysics; Stellar evolution and nucleosynthesis; Inflationary cosmology; Cosmic phase transitions; Big bang nucleosynthesis; the cosmic microwave background; Supernova simulations

**AAS and/or Division leadership positions and dates:**

- n/a

**Other relevant positions, experience, and dates:**

- Director, Center for Astrophysics, University of Notre Dame, 2003 – 2022

**Statement:**

I am honored to be asked to run for a chance to be on the AAS nominating committee. In the years of my career, I have lived by four rules: Work hard; Do good; Help others; and Seek the truth. These are the guidelines for success in science and life in general. These were passed on to me by a previous generation of mentors. I consider the honor of serving on the AAS nominating committee as a chance to live by those rules. The nominating committee is tasked with the humble responsibility of selecting those who have contributed to the advancement of our field with the honor of leadership within our Society and in the broader scientific community. As a member of the nominating committee, I will actively promote the best candidates among those who have a vision to serve and to lead our Society into the next generation of engagement with the frontiers of our field, the broader scientific community. I will also promote representation for all of the many disciplines and career paths within our field.

