

Derek L. Buzasi:

Candidate for USNC/IAU

Affiliation: Florida Gulf Coast University

Position/Title: Eminent Scholar/Professor

PhD institution: Penn State University, 1989

Areas of scientific interest:

- Asteroseismology
- Stellar atmospheres and coronae, magnetic activity and rotation, gyrochronology
- Exoplanets
- Optical/UV instrumentation



AAS and/or Division leadership positions and dates:

- Member, Selection Committee, Dannie Heineman Prize for Astrophysics, American Astronomical Society, 2022 – present
- Member, Demographics Committee, American Astronomical Society, 2021 – present
- Agent, American Astronomical Society, 2014 – present
- Member of the American Astronomical Society and its High Energy Astrophysics and Solar Physics Divisions, 1998 – present

Other relevant positions, experience, and dates:

- Visiting Senior Scientist, NASA Headquarters, 1992 – 1994
- Member, Division G: Stars and Stellar Physics, International Astronomical Union, 2003 – present
- Member, Kepler Science Team, 2009 – 2014
- Member, Steering Committee, TESS Asteroseismic Science Consortium, 2019 – present
- Member, TESS Asteroseismic Science Consortium, 2016 – present
- Councilor, Council on Undergraduate Education, 2019 – present
- Chair, TESS Data for Asteroseismology Coordinated Activity, 2019 – present
- Member, Leadership Council, NASA Cosmic Origins Stars Special Interest Group, 2020 – present
- Member, ESA PLATO Complementary Science Team, 2022 – present

Statement:

I am honored to be nominated for USNC/IAU representative, and I hope you will allow me to bring my experience and expertise to the further service of the Society. International

coordination is essential to constructing meaningful astronomical responses to concerns as diverse as the proliferation of satellite constellations and other threats to dark skies and astronomical research, the development and use of the next generation of large observatories both on the ground and in space, and equitable training of future generations of astronomers, particularly those from previously underrepresented groups and nations. I have worked in a broad range of institutions, from small colleges to research universities and governmental organizations, and in astronomical applications ranging from multi-wavelength observations to theory to instrumentation. I've also served productively on numerous teams and committees from the institutional to the national and international level. I believe my broad background would allow me to effectively bring the concerns of the US astronomical community to the IAU as well as to provide information about IAU plans, activities, and resources to the AAS membership.