

Curriculum Vitae

Stephen C. Danford

Associate Professor and Director of Observatories, Emeritus

Department of Physics and Astronomy at UNC Greensboro



Office: Department of Physics and Astronomy
P.O. Box 26170
332 Petty Science Building
University of North Carolina at Greensboro
Greensboro, North Carolina 27402-6170
e-mail: danford@uncg.edu

Home: 1610 West End Place
Greensboro, North Carolina 27403
(336) 373-1120

Education: A. B. in physics (Dartmouth College, 1967);
M. S. in physics (Yale University, 1969);
Ph. D in astronomy (Yale University, 1976).

Research: Observational stellar astronomy (CCD photometry, spectroscopy, low light level video); RR Lyrae variable stars; element abundances in the galaxy.

Family: Married with 3 children, 2 grandchildren. Native of Racine, Wisconsin.

Interests: Canoeing, bicycling, reading.

Professional Interests: Horizontal branch stars, Population II abundances, CCD photometry, US space program.

Professional Publications: Stellar abundances (including Pop II stars), photometry of star clusters including variable stars in globular clusters, Be stars

Professional Affiliations: American Astronomical Society; International Astronomical Union; Society of the Sigma Xi; American Association of Physics Teachers; Astronomical Society of the Pacific; Southeastern Section of the American Physical Society.

Other:

Department Head (1999 – 2007), UNCG Dept of Physics & Astronomy

Co-director of the project to establish the Three College Observatory (its 32-inch telescope ranks it as one of the largest in the southeastern United States)

Directed the establishment of a Spitz planetarium on the UNCG campus, and operates it for instructional and community programs.

Served as Board Chairman of UNCG's Associated Campus Ministries when that organization was founded and throughout the construction of the campus ministries building on the UNCG campus

Service in the U. S. Army (1969-1971)

PI, STAMPS Science Scholarship Program at UNCG (NSF Grant, 2010 – 2014)