

WILBUR S. HURST, '61

Wilbur Hurst is a well renowned physicist and has served the National Institute of Standards and Technology within the United States Department of Commerce for 40 years. His work during that time included the development of high-temperature thermocouples for NASA, the development of non-linear Raman spectroscopic techniques, the use of these techniques for the study of the collision dynamics of gas molecules, the study of the spectra of gases at high temperature and pressure conditions, the study of combustion in supercritical water, the development of NIST Standard Reference Materials employed for the intensity calibration of Raman spectrometers, and the application of spectroscopic techniques to investigate the chemical mechanisms during the growth of oxide insulators by single-layer steps. Retired, he currently works as a Guest Researcher at the National Institute of Standards and Technology doing research employing molecular spectroscopy.

After Albion, he went on to receive his master's degree at the University of Pennsylvania and also received a doctorate from the Pennsylvania State University.

Hurst served on a variety of committees in the ASTM and is a member of the Optical Society of American and the Society for Applied Spectroscopy. While at Albion College, he was elected to the honorary societies Phi Beta Kappa and Omicron Delta Kappa, was president of the Methodist Student Movement and was the former Prytanis in the Tau Kappa Epsilon fraternity.

As an active member of a local Damascus United Methodist church with 1200 members, Hurst has chaired a great number of committees over the years, including the Pastor/Parish Relations Committee for over a decade and the Administrative Board for the past two years.

He and his wife Bette reside in Damascus, Maryland. They have one daughter, Natalie.