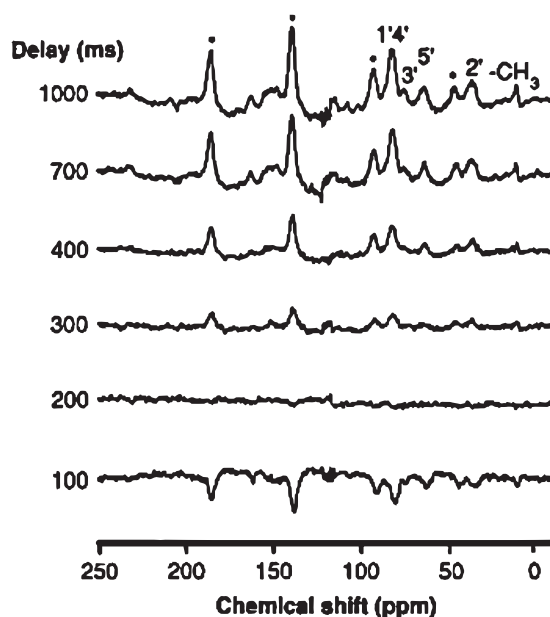


Gerard Harbison

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Intercalation Complex of Proflavine with DNA: Structure and Dynamics by Solid State NMR, *Science*, **249**, 70 (1990).

Professor Harbison's research at Stony Brook University focused on solid state and solution NMR to elucidate structure of biomolecular complexes. He later applied these techniques, as well as quantum chemistry, inelastic neutron scattering, and vibrational spectroscopy, to develop new strategies for detection of explosives, probe dynamics of the DNA helix, understand metalloproteins, and develop a fundamental understanding of the role of hydrogen bonds in enzyme mechanisms.