

## Bob Hannah



Dr Robert W (Bob) Hannah died on January 16 2021 aged 89. For many years Bob was the unmatched expert in infrared spectroscopy at PerkinElmer, receiving the Williams-Wright Award from the Coblentz Society in 1982 for outstanding contributions in an industrial environment. He was widely respected both by academic and industrial users of IR spectroscopy. Based in Connecticut he travelled extensively and was a frequent visitor to the UK. He joined PerkinElmer in 1962 when the company was a leading developer of dispersive Grating/filter IR spectrometers, ultimately resulting in the Model 180. Bob then oversaw the transition to FT instrumentation, starting with the Model 1800. In addition to his contributions to instrument development and knowledge of measurement techniques Bob was an expert in the interpretation of IR spectra. This culminated in his role in developing software to assign potential structural units based on patterns of spectral frequencies in IR spectra. With his wide-ranging knowledge Bob was a major contributor to the Bowdoin Infrared Course from 1963 to the most recent in 2019.