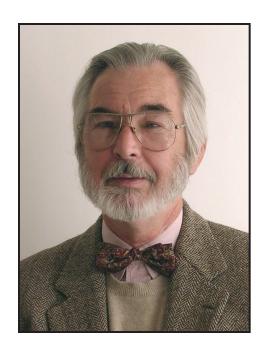
## THIRD BIENNIAL

## JOHN A. POPLE LECTURES IN THEORETICAL AND COMPUTATIONAL CHEMISTRY

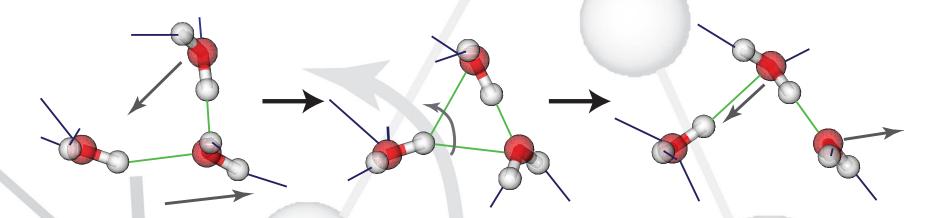
## JAMES T. HYNES

University of Colorado Boulder

Jumps and Hydrogen Bonds: From Pure Water to DNA



Reactant Transition state Product



TUESDAY, OCTOBER 15, 2013, 4:30 P.M. MELLON INSTITUTE AUDITORIUM

Reception follows lecture in the Mellon Institute Lobby Free and Open to the Public

Sponsored by the Carnegie Mellon Department of Chemistry and the Mellon College of Science. The Mellon Institute is located at 4400 Fifth Avenue, Pittsburgh, PA 15213. For more information, please contact 412-268-1062