Dr. W.E. Moerner is the **Harry S. Mosher Professor** and Chairman of the **Department of Chemistry** and Professor of Applied Physics at **Stanford University**.

More than 20 years ago, Moerner achieved the first optical detection and spectroscopy of a single molecule in condensed matter. Today, single-molecule spectroscopy provides a wealth of information on the dynamics and interactions of complex biological molecules.

An alumnus of **Washington University** and member of the **National Academy of Sciences**, Moerner received the **Earle K. Plyler Prize** for Molecular Spectroscopy, the **Wolf Prize** in Chemistry, the **Irving Langmuir Prize** in Chemical Physics, and the **Peter Debye Award** in Physical Chemistry.

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