

- Professor, Department Chair, Electrical and Computer Engineering - Electrophysics
- Ph.D. in Physics, University of Cambridge (1983)
- Inventor of hot electron spectroscopy
- Created the first microdisk laser

Research interests

- Adaptive classical and quantum design of small systems
 - Device and mixed signal circuit design
 - Optimization
 - Non-intuitive design and discovery
 - Device physics at the classical-quantum boundary
- System engineering and integration
 - High performance electronics
 - Interconnects
 - Optimization in system design

