

Speaker Profile



Contact Details

Organization Name:
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Name: James T. Yardley

Title: Professor, Electrical Engineering

Institute: Columbia University
New York, New York 10027
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* Education

- University of California, Berkeley: PhD in Physical Chemistry (1967)
- Rice University, BS in Chemistry (1964)

* Professional Positions

- Department of Electrical Engineering, Columbia University, Professor (2000-2005).
- Honeywell, Inc. Vice President for technology and head of the Growth Center, Electronic Materials, (1999-2000)
- AlliedSignal, Inc. Technical Director, 1985-1999.
- Allied Chemical, Senior Research Associate, (1977-1985)
- Department of Chemistry, University of Illinois, Champaign-Urbana, Assistant and Associate Professor (1967-1977)

* Research field and interests

- Nanoscale fabrication and devices.
- Polymeric optical materials and devices.
- Electronic materials and processing
- Chemical kinetics

* Awards and Honors

- Camille and Henry Dreyfus Foundation Teacher Scholar Award (1970), University of Illinois.
- Alfred P. Sloan Fellow (1972-1973), University of Illinois.
- Excellent Instructor Award, (1974), University of Illinois.
- Technical Achievement Award, AlliedSignal, 1994

* Professional Activities

- Managing Director, Center for Electron Transport in Molecular Nanostructures (NSEC), Columbia University
- Director, Center for Integrated Science and Engineering, Columbia University.

