

## Speaker Profile



### Contact Details

#### Organization Name:

University of Minnesota

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**Name:** Richard A. Kiehl

**Title:** Professor of Electrical and Computer Engineering

**Institute:** University of Minnesota

#### Education:

B.S. in E.E., 1970, Purdue University  
M.S. in E.E., 1974, Purdue University  
Ph.D. in E.E., 1974, Purdue University

#### Research Interests:

Nanoscale electronic devices, nanoelectronic circuit concepts, self-assembly of nano-components.

Electronic devices and circuitry based on new concepts in heterostructures, nanostructures, and molecular systems.

Collaborative, interdisciplinary research exploring the interface between nanotechnology and biotechnology for electronics and biosystems applications.

#### Professional Experience:

*University of Minnesota*, Minneapolis, Minnesota  
Department of Electrical and Computer Engineering  
Professor of Electrical Engineering, May 1999 – present.

*Stanford University*, Stanford, California  
Department of Electrical Engineering  
Acting Professor of Electrical Engineering. Feb 1996 - May 1999.

*Fujitsu Laboratories Ltd.*, Atsugi, Kanagawa, Japan  
Quantum Electron Devices Laboratory  
Assistant Director. January 1993 - January 1996.

*IBM T. J. Watson Research Center*, Yorktown Heights, NY  
Research Staff Member. August 1985 - December 1992.

*Bell Laboratories*, Murray Hill, New Jersey  
Member of Technical Staff. October 1980 - August 1985.

*Sandia Laboratories*, Albuquerque, New Mexico  
Member of Technical Staff. October 1974 - October 1980.

#### Professional societies:

Fellow of Institute of Electrical and Electronics Engineers  
Member of American Physical Society  
Member of American Chemical Society

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