

# CURRICULUM VITAE

PAUL Y. OH

## Current Position :

Assistant Professor  
Drexel University  
Mechanical Engineering  
Philadelphia, PA USA

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## Professional Preparation

Ph.D.	Columbia University, New York	Mechanical Engineering	1999
M.Phil	Columbia University, New York	Mechanical Engineering	1995
M.Sc	Seoul National University, Korea	Mechanical Engineering	1992
B.Eng.	McGill University, Canada	Mechanical Engineering	1989 (Honors)

## Academic Appointments

2000-present *Drexel University*, Mechanical Engineering Assistant Professor  
1999-2000 *Columbia University*, Mechanical Engineering Adjunct Professor

## Professional Experience (last 6 years)

Summer 2003 *Office of Naval Research – Naval Research Lab, Washington DC, USA*

Summer faculty fellow: Authored the computer vision software module to enable human and mobile robots to work as a team. Application: generate maps while performing military operations in urban terrains.

Summer 2002 *NASA – Caltech/Jet Propulsion Lab, Pasadena CA USA*

Summer faculty fellow: conceived and delivered a computer vision approach to autonomously land aerial and spacecraft robots.

1998-2000 *Bell Atlantic Science and Technology, NY, NY USA*

Researcher and C/C++ Software Developer: Programmed on Unix platform an automated telecommunications network planning system. Artificial intelligence based team project forecasts commercial and residential phone line needs in New York and New England areas and plans network connections. Implemented measurement algorithms for estimating potential savings costs to Bell Atlantic due to automation.

## Major Fellowships and Awards (last 2 years)

- 2004 • NSF CAREER Award
- 2003 • ONR/ASEE Naval Research Lab *Summer Faculty Fellowship*
- Best Paper in Robotics Award: Conference on Systemics, Cybernetics and Informatics
- 2002 • NASA/ASEE Jet Propulsion Lab, *Summer Faculty Fellowship*
- ASME Faculty Advisor Award

## Professional Services and Activities

Chairperson	IEEE Robotics and Automation Society – Technical Committee for Aerial Robotics
Technical Committees	2001-2004: IEEE International Conference on Robotics and Automation (ICRA)
ASME Faculty Advisor	2001-2004 Drexel University Student Chapter