

# Faculty

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Professor of Mechanical and Industrial Engineering (1986)  
Ph.D. Operations Research, New York University, 1980  
Diploma, National Planning Institute, Cairo, 1970  
B.S., Cairo University, 1969

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Professor of Electrical and Computer Engineering (2001)  
Ph.D., University of Minnesota, 2001  
M.S., University of Teheran, 1996  
B.S., University of Science and Technology, 1991

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Associate Professor of Mechanical and Industrial Engineering (1993)  
Ph.D. Industrial Engineering, Iowa State University, 1987  
M.S., Iowa State University, 1983  
B.S., Helwan University, Cairo, 1977

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Assistant Professor of Engineering Technology (2017)  
Ph.D. Electrical and Computer Engineering, Drexel University, 2011  
M.S. Electrical and Computer Engineering, Drexel University, 2007  
B.E. Instrumentation and Controls Engineering, Nirma Institute of Technology, 2005

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Professor of Biomedical Engineering (2003)  
Ph.D., Moscow Institute of Physics and Technology, 1988  
M.S., Moscow Institute of Physics and Technology, 1983  
B.Sc., Moscow Institute of Physics and Technology, 1983

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Assistant Professor of Civil and Environmental Engineering (2015)  
Ph.D. Civil Engineering, Oregon State University, 2015  
B.S. Civil Engineering, University of New Hampshire-Main Campus, 2015  
M.S., Oregon State University, 2014  
M.S. Civil Engineering, Oregon State University, 2012

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Professor of Mathematical Sciences (2009)  
Ph.D. Mechanical Engineering, University of Toronto, 2007  
M.S., University of Science and Research, Iran, 2007  
B.S., Azad University of Tehran, Iran, 2007

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Ph.D. Mechanical Engineering, University of Houston, 2016  
M.S. Structural Engineering, Sharif University of Technology, 2012  
B.S. Civil Engineering, Sharif University of Technology, 2009

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Ph.D., Johns Hopkins University, 2000  
M.S., Seoul National University, South Korea, 1994  
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Ph.D., Business Data Science, NJIT, 2022  
M.S., Economics and Finance, Southern Illinois University Edwardsville

M.B.A., Shahjalal University of Science & Technology, 2016  
B.B.A., Shahjalal University of Science & Technology, 2013

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Professor of Electrical and Computer Engineering (1987)  
Ph.D. Electrical Engineering, Polytechnic Institute of New York University, 1987  
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B.S. Electronics and Communications, Technical University of Istanbul, 1980

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B.S., University of Guilan, Mechanical Engineering, 2007  
M.S., University of Guilan, Mechanical Engineering, 2010  
Ph.D., University of Wyoming, Mechanical Engineering, 2015

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Ph.D. Biomedical Engineering, Rutgers University-New Brunswick, 1998  
M.S. Biomedical Engineering, Rutgers University-New Brunswick, 1997  
B.S. Electrical Engineering, Rutgers University-New Brunswick, 1994

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Professor of Management (1994)  
Ph.D. Accounting, Drexel University, 1995  
M. Phil. Activity Based Costing, Cranfield University, 1986  
MBA Accounting, Cranfield University, 1984  
B.B.A. Accounting, University of Colombo, 1982

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B.A., SUNY at Albany, Psychology, 1986  
M.A., SUNY at Albany, Counseling, 1988  
Ph.D., SUNY at Albany, Counseling Psychology, 1995

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B.S., Azad University, Computer Engineering, 2012  
M.S., Azad University, Computer Engineering, 2014  
Ph.D., Arizona State University, Electrical Engineering, 2021

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Ph.D. Electrical Engineering, Purdue University-Main Campus, 1988  
M.S. Electrical Engineering, University of Michigan-Ann Arbor, 1983  
B.S., New Jersey Institute of Technology, 1982

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B.S., Cairo University, Electrical Engineering (Electronics and Communication), 1974  
M.E., Texas A & M University, Electrical Engineering, 1980  
Ph.D., Texas A & M University, Computer Science, 1986

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Ph.D. Bioengineering, University of Pennsylvania, 1999  
M.S. Biomedical Engineering, Johns Hopkins University, 1994  
B.S. Mechanical Engineering, Rutgers University-New Brunswick, 1992

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Ph.D. Chemical Engineering, University of Virginia-Main Campus, 1983  
M.S. Chemical Engineering, University of Rome, 1977

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 BS in Applied Mathematics (UCLA)  
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 Ph.D. Environmental Engineering, Illinois Institute of Technology, 1995  
 M.S. Chemical Engineering, Illinois Institute of Technology, 1995  
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 B.S. Geoscience, Purdue University-Main Campus, 1984

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 Ph.D. Environmental Remote Sensing, University of Wisconsin Colleges, 1984  
 M.S., Illinois State University, 1968  
 B.S., Teheran University, 1965

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 B.S., University of Notre Dame, Mechanical Engineering, 2004  
 Ph.D., Rutgers University-New Brunswick, Mechanical Engineering, 2018

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 Ph.D., University of Minnesota, 1983  
 M.S., University of Illinois at Urbana-Champaign, 1980  
 Diploma, National Technical University of Athens, 1978

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 Ph.D. Civil and Environmental Engineering, Stanford University, 2015  
 M.S. Civil Engineering, Villanova University, 2011  
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 Certification Executive Development, Harvard School of Management, 1996  
 Ph.D. Systems Engineering, University at Buffalo, 1990  
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 Ph.D. Chemical Engineering, Massachusetts Institute of Technology, 1990  
 M.S. Chemical Engineering, New Jersey Institute of Technology, 1983  
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 Ph.D. Comparative Biology, Richard Gilder Graduate School, 2015  
 B.S. Ecology and Evolution, Arizona State University, 2009

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Ph.D. Computer Science, The University of Texas at Arlington, 2011

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B.Tech Computer Science and Engineering, University of Calcutta, 2004

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Ph.D. Chemical and Bio-Molecular Engineering, University of Notre Dame, 2010

B. Tech. Chemical and Bio-Molecular Engineering, Indian Institute of Technology, 2003

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Ph.D. Applied Mathematics, Northwestern University, 1987

B.S. Mathematics, Siena College, 1982

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 Ph.D. Computer Science, Rutgers University-New Brunswick, 2004  
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 Ph.D., Universite de Toulouse, France, 2002  
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 B.S., Jesuit University at Beirut, Lebanon, 1988

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 Ph.D.

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 Ph.D. Computer Science, University of Maryland-College Park, 2016  
 M.S. Computer Science, University of Alabama in Huntsville, 2010  
 B.S. Computer Science and Mathematics, University of Alabama in Huntsville, 2007

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Ph.D. Astrophysics and Astronomical Instrument, National Astronomical Observatories, Chinese Academy of Sciences, 2001

M.S., National Astronomical Observatories, Chinese Academy of Sciences, 1992

B.S., University of National Defense Science and Technology (China), 1989

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Ph.D., Rensselaer Polytechnic Institute, 1987

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B.E., Stevens Institute of Technology, 1983

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B.M., Northwestern University, Music Technology, 2004

M.A., Stanford University, Music Science and Technology, 2007

Ph.D., Northwestern University, Computer Science, 2016

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B.S., University of Oviedo, Biochemistry, 2006

B.S., University of Oviedo, Biological Sciences, 2003

M.S., University of Granada, Forensic Anthropology and Genetics, 2011

M.S., University of Oviedo, Biochemistry, 2008

M.S., University of Oviedo, Education, 2004

Ph.D., Institute for Cancer Research of Principado de Asturias, Biochemistry, 2012

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Ph.D. Dynamics and Controls/Mechanical Engineering, University of Minnesota-Twin Cities, 1976

M.S. Engineering Mechanics, The University of Alabama, 1973

B.S. Mechanical Engineering, The University of Alabama, 1971

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Ph.D. Electrical and Computer Engineering, Rice University, 2006

M.S. Electrical and Computer Engineering, Worcester Polytechnic Institute, 1999

B.S. Electrical Engineering, Ss. Cyril and Methodius University, 1997

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Ph.D. Organic Chemistry (honors), Université Laval, Canada, 2015

B.Sc. Chemistry, Université Laval, Canada, 2010

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Distinguished Professor of Biomedical Engineering (2013)

Ph.D., Texas A&M University, 1986  
 M.S., University of Houston, 1983  
 B.E., University of Madras, India, 1973  
 A.M.I.E., Institute of Engineers, Calcutta, India, 1978

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 Ph.D. Management, Rutgers Business School, 2019  
 M.B.A. Supply Chain Management and Finance, Rutgers Business School, 2009  
 M.A. International Economics, Shanghai University of Finance & Economics, 2006  
 B.A. Economics and Russian, National Chengchi University, 2003

#### **Chen, Hao**

Professor of Chemistry and Environmental Science (2018)  
 Ph.D. Chemistry and Environmental Science, Purdue University, 2005  
 MS, Analytical Chemistry, University of Massachusetts at Dartmouth, 2001  
 MS, Polymer Chemistry and Physics, Shanghai Institute of Organic Chemistry, China, 1999  
 BS, Chemistry, Wuhan University, Wuhan, China, 1996

#### **Chen, Yi**

Professor of Management (2013)  
 Ph.D., University of Pennsylvania, 2005  
 M.S., University of Pennsylvania, 2000  
 B.S., Central South University, China, 1999

#### **Chen, Bin**

Assistant Professor of Physics (2016)  
 Ph.D. Astronomy, University of Virginia-Main Campus, 2013  
 M.S. Astronomy, University of Virginia-Main Campus, 2010  
 M.S. Astrophysics, University of Chinese Academy of Sciences, 2008  
 B.S. Physics, Peking University, 2005

#### **Chester, Shawn A.**

Assistant Professor of Mechanical and Industrial Engineering (2013)  
 Ph.D. Mechanical Engineering, Massachusetts Institute of Technology, 2011  
 M.S. Mechanical Engineering, New Jersey Institute of Technology, 2006  
 B.S. Mechanical Engineering, New Jersey Institute of Technology, 2005

#### **Chien, I Jy Steven**

Professor of Civil and Environmental Engineering (1996)  
 Ph.D. Civil and Environmental Engineering, University of Maryland-College Park, 1995  
 M.S. Civil and Environmental Engineering, University of Maryland-College Park, 1991  
 B.S. Civil Engineering, Tamkang University, 1983

#### **Chin, Ken K.**

Professor of Physics (1987)  
 Ph.D., Stanford University, 1986  
 M.S., University of Georgia, 1982  
 B.S., Peking Institute of Aeronautics, 1959

#### **Chintersingh, Kerri Lee A.**

Assistant Professor of Chemical and Materials Engineering  
 B.Eng., University of Technology Jamaica, Chemical Engineering, 2013  
 Ph.D., New Jersey Institute of Technology, Chemical Engineering, 2019

#### **Cho, Cheul**

Assistant Professor of Physics (2007)  
 Ph.D. Chemical Engineering, Wayne State University, 2003  
 M.S. Biomedical Engineering, University of Iowa, 1992  
 B.S. Chemical Engineering, Dong-A University, 1990

#### **Choi, Wooyoung**

Professor of Mathematical Sciences (2005)

Ph.D. Engineering Science, California Institute of Technology, 1993  
M.S. Naval Architecture, Seoul National University, 1986  
B.S. Naval Architecture, Seoul National University, 1984

**Chong Jin, Assistant Professor**

**Cohen, Maurie**

Professor of Humanities (2001)

Ph.D., University of Pennsylvania, 1993  
M.S., Columbia University in the City of New York, 1987  
B.S., New York University, 1984

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University Lecturer, Humanities

**Cummings, Linda J.**

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Ph.D. Applied Mathematics, University of Oxford, 1996  
B.A. Mathematics, University of Oxford, 1993

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Associate Professor of Computer Science (2008)

Ph.D. Computer Science, Johns Hopkins University, 2007  
M.S. Computer Science, Johns Hopkins University, 2003  
B.S. Computer Science, Politehnica University of Bucharest, 2001

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Ph.D. Modeling and Simulation, University of Central Florida, 2018  
M.S. Modeling and Simulation, University of Central Florida, 2015  
M.S. Digital Arts and Science, University of Florida, 2006  
B.S. Computer Science, Lebanese American University, 2004

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Associate Professor of Civil and Environmental Engineering (1999)

Ph.D. Civil and Environmental Engineering, Texas A&M Health Science Center, 1995  
M.S. Transportation Planning and Engineering, Polytechnic Institute of New York University, 1989  
B.S. Civil Engineering, Princeton University, 1985

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Professor of Mechanical and Industrial Engineering (1989)

Ph.D., Virginia Polytechnic Institute and State University, 1989  
M.S., Virginia Polytechnic Institute and State University, 1985  
B.S., University of Science and Technology (Ghana), 1982

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Ph.D. Philosophy, Brown University, 2015  
M.S. Computational Mechanics, Universitat Politecnica de Catalunya, 2010  
M.S. Structural Engineering, Indian Institute of Science, 2008  
B.S. Civil Engineering, Indian Institute of Engineering Science, 2006

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M.S. Mechanical Engineering, Utah State University, 1981  
B.S. Mechanical Engineering, Indian Institute of Technology, 1978



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B.A., University of Maryland-Baltimore County, English Literature and Creative Writing, 2008

M.F.A., Rutgers University-Camden, Creative Writing, 2011

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Diploma Architektur, FHM Munich University of Applied Sciences, 2004

Diploma, FHM Munich University of Applied Sciences, 2000

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Ph.D. Computer and Information Science, New Jersey Institute of Technology, 1997

M.S. Computer Science, New Jersey Institute of Technology, 1986

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Ph.D., McGill University, Canada, 2007

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Ph.D., University of Michigan, 2010

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Ph.D., Ohio State University, 2010

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Associate Professor of Civil and Environmental Engineering (1996)

Ph.D. Civil and Environmental Engineering, New Jersey Institute of Technology, 1995

M.S., Massachusetts Institute of Technology, 1992

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B.S., Tsinghua University, 1984

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B.E., Harbin Institute of Technology, Mechanical Engineering, 2008

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Ph.D., Odessa University, 1992

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B.S., University of Illinois at Chicago, Electrical and Computer Engineering, 2011

M.S., University of Illinois at Chicago, Electrical Engineering, 2014

Ph.D., University of Illinois at Chicago, Electrical and Computer Engineering, 2016

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B.S., New Mexico State University-Main Campus, Chemistry, 2010

Ph.D., Columbia University in the City of New York, Chemistry, 2016

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Ph.D., Virginia Polytechnic Institute and State University

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B.S., Louisiana Tech University

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Ph.D. Economics - Finance Thesis, Princeton University, 1987

B.A. Economics, Yale University, 1981

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B.S., Anadolu University, Industrial Engineering, 1988

M.S., CUNY City College, Computer Science, 1993

Ph.D., CUNY Graduate School and University Center, Computer Science, 2008

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B.S., Sharif University of Technology, Applied Mathematics, 2001

M.S., Amirkabir University of Technology, Applied Mathematics - Computational Geometry, 2003

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Professor of Architecture and Design (2001)

Ph.D. Art and Architectural History, CUNY Graduate School and University Center, 1999

M.S., CUNY Graduate School and University Center, 1999

B.A. Art History, Smith College, 1987

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Ph.D. Chemistry, University of California-Santa Cruz, 1997

B.S. Chemistry, Loyola University Chicago, 1990

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Ph.D. Mechanical Engineering, City College of New York, 2015

M.Phil. Mechanical Engineering, City College of New York, 2013

M.S. Mechanical Engineering, Iran University of Science and Technology, 2009

B.S. Mechanical Engineering, Sharif University of Technology, 2006

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Distinguished Professor of Physics (1992)

Ph.D. Plasma Physics, Princeton University, 1989

B.S. Physics, University of Notre Dame, 1983

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 Sc.D. Mechanical Engineering, Columbia University in the City of New York, 1985  
 M.S.E. Aerospace and Mechanical Sciences, Princeton University, 1973  
 B.S. Mechanical Engineering, Columbia University in the City of New York, 1970

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Professor of Management (1993)  
 Ph.D., Rutgers University, 1994  
 MBA, Iona College, 1987  
 M.S., Polytechnic Institute of New York, 1982  
 M.S., State University of New York, 1977  
 B.A., Pacific Lutheran University, 1971

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 Ph.D.  
 M.S. Marine Science, California State University-Monterey Bay, 2005  
 B.S. Marine Biology, Fairleigh Dickinson University-College at Florham, 1998

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 Ph.D., University of Chicago, 1995  
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 Ph.D. Mathematics, The University of Texas at Austin, 2015  
 B.A. Mathematics, University of Maryland-College Park, 2008

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 Ph.D., Columbia University in the City of New York, 1957  
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 Ph.D. Applied Mathematics, Simon Fraser University, 2012  
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 Ph.D., University of Albany, 1997  
 M.A., University of Virginia-Main Campus, 1988  
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 Ph.D. Ethology, Universite de Toulouse, 2008  
 M.S. Neuroscience and Behavior, Universite de Toulouse, 2004  
 B.S. Cell and Molecular Biology, Universite Victor Segalen - Bordeaux II, 2002

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B.S. Physics, University of Michigan-Ann Arbor, 1976

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Ph.D., California Institute of Technology, 1978  
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M.S., Nanjing Aeronautical Institute, 1985  
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Ph.D. Biophysics, North-Eastern Hill University, 1995

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 M.S. Engineering Physics, Dartmouth College, 2004  
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 Ph.D. Biochemistry, Texas A&M University, 2008

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 M.S. Literary Theory, Edinburgh University, 1992  
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B.Arch., Yonsei University, Architecture, 2010  
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Ph.D. Physics, Institute of Chemical Kinetics and Combustion, 1979  
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Ph.D. Physics, Harvard University, 1965  
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 MBA Finance, Manhattan College, 1984  
 Ed.D. Statistics and Industrial Engineering, Rutgers University-New Brunswick, 1979  
 M.S. Statistics, Rochester Institute of Technology, 1978  
 M.S. Operations Research, Rutgers University-New Brunswick, 1974  
 MBA Management, Pennsylvania State University-Main Campus, 1972  
 M.S. Industrial Engineering, West Virginia University, 1970  
 B.S. Computer Science and Statistics, University of Delaware, 1969

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 B.S., Louisiana State University and Agricultural & Mechanical College, Finance, 2005

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 Ph.D., ETH Zurich, 2011  
 M. Arch., University of California-Berkeley, 2003  
 B.A. Architectural Studies, Brown University, 1999

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 Ph.D., Columbia University in the City of New York, 2006  
 M.S., Columbia University in the City of New York, 2002  
 B.S., Dongduk Womens University, Seoul Korea, 2000

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 Ph.D.

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Assistant Professor of Mechanical and Industrial Engineering (2013)  
 Ph.D. Fluid and thermoscience in energy systems, Mechanical Engineering, Stanford University, 2007  
 M.S. Mechanical Engineering, Stanford University, 2004  
 B.S. Mechanical Engineering, Yonsei University, 1999

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Assistant Professor of Information Systems (2015)  
 Ph.D. Information Science, University of Washington, 2015  
 M.S. Information Science, University of Washington, 2012  
 M.S. Information Management, University of California-Berkeley, 2009  
 B.S. Cognitive Science, University of California-San Diego, 2005

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 B.A., Indiana University-Bloomington, 2002

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 Ph.D., Queens College, 1973  
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 B.S., Wuhan University, Physics, 1998  
 M.S., Brandeis University, Computer Science, 2001

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Ph.D. Environmental Engineering, Rice University, 2013

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Ph.D. Computer Aided Geometric Design, University of Birmingham, 2004

B.S., Nanjing University of Aeronautics, 1999

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M.S. Environmental Engineering, Beijing University, 1987

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