TRUSTEES

The administration of the college is entrusted to a Corporation consisting of not less than 12 members, consisting of life, ex-officio, at-large and alumni members. Emeriti members are elected by the Corporation in an advisory capacity. (Dates in parentheses following each name indicate year of election to membership.)

OFFICERS OF THE CORPORATION

STEPHEN E. RUBIN ’74
Chairman

ROBERT R. MARTIN ’75
Vice Chairman

WARNER S. FLETCHER
Vice Chairman

DENNIS D. BERKEY
President and CEO

JEFFREY S. SOLOMON
Executive Vice President and CFO, and Treasurer of the Corporation

STEPHANIE PASHA
Secretary of the Corporation

A. TRACY HASSETT
Assistant Secretary

AT LARGE MEMBERS

JENNIFER DAVIS CAREY (2008)
Executive Director
Worcester Educational Collaborative

CURTIS R. CARLSON ’67 (2002)
President and CEO
SRI International
Menlo Park, CA

RICHARD F. CONNOLLY, Jr. (2005)
Senior Vice President, Financial Advisor
Morgan Stanley
Boston, MA

MICHAEL DOLAN ’75 (2006)
Senior Vice President
Exxon Mobil Co.
Houston, TX

THEODORE L. DYSART ’94 (2007)
Managing Partner
Heidrick & Struggles
Chicago, IL

DANIEL F. FARRAR ’84 (2007)
CEO
Openlane
Redwood City, CA

WARNER S. FLETCHER (1994)
Fletcher, Tilton & Whipple, P.C.
Worcester, MA

BERNARD S. GORDON (2009)
Founder
Neurologica Corporation
Danvers, MA

Managing Director
Centennial Ventures
Denver, CO

DAVID K. HEEBNER ’67 (1997)
Executive Vice President
Combat Systems
Falls Church, VA

STUART C. KAZIN ’61 (2009)
Retired Vice President
Lotus Development/IBM Corporation
Waltham, MA

FRANCESCA MALTESE (2008)
Development Manager
The O’Connell Development Group
Holyoke, MA

ROBERT R. MARTIN ’75 (2007)
Consultant
Medfield, MA

LINDA MCGOLDRICK (2008)
Chairman, CEO and Consultant
Financial Health Associates International (FHAI)
Newport, RI

JOHN T. MOLLEN (2007)
Executive Vice President, Human Resources
EMC Corporation
Hopkinton, MA

PHILIP R. MORGAN (1994)
Former President and CEO
Morgan Construction Company
Worcester, MA

JUDITH NITSCH ’75 (1989)
President
Nitsch Engineering, Inc.
Boston, MA

KAREN M. TEGAN PADIR ’90 (2008)
Vice President, Products and Marketing
Enterprise DB
Westford, MA

DONALD K. PETERSON ’71 (1997)
Former Chairman and CEO
Avaya Inc.
Far Hills, NJ

Former CFO and Exec VP
Shaw’s Supermarkets
York, ME

STEPHEN E. RUBIN ’74 (1995)
Founder
Intellution, Inc.
Norwood, MA
EX-OFFICIO MEMBER

DENNIS D. BERKEY (2004)
University President

EMERITI TRUSTEES

GEORGE T. ABDOW ’53 (1993)
Longmeadow, MA

PAUL A. ALLAIRE ’60 (2002)
Norwalk, CT

WALTER J. BANK ’46 (1986)
Bethesda, MD

PAUL W. BAYLISS ’60 (1989)
Topsham, ME

ROBERT H. BECKETT ’57 (2004)
Blue Bell, PA

JOHN LOTT BROWN ’46 (1983)
Oberlin, OH

THOMAS A. CORCORAN (2003)
Potomac, MD

RICHARD A. DAVIS ’53 (1987)
Quechee, VT

WILLIAM A. DELPHOS ’74 (1992)
McLean, VA

WILLIAM P. DENSMORE ’45 (1995)
Worcester, MA

MICHAEL A. DIPIERRO ’68 (2002)
Shrewsbury, MA

ROBERT A. FOISIE ’56 (1993)
Old Saybrook, CT

RAYMOND J. FORKEY ’40 (1989)
Tequesta, FL

HOWARD G. FREEMAN ’40 (1994)
Worcester, MA

ANSON C. FYLER ’45 (1982)
Waynesville, NC

JOHN J. GABARRO ’61 (1987)
Boston, MA

BARBARA J. B. GATISON ’74 (2000)
Blue Bell, PA

CLAIRE L. GAUDIANI (2001)
New York, NY

JAMES N. HEALD, II (1967)
Worcester, MA

JOHN E. HOSSACK ’46 (1994)
New Canaan, CT

WILFRID J. HOUDE ’59 (1998)
Los Gatos, CA

M HOWARD JACOBSON (1977)
Westborough, MA

PAUL J. KEATING, II ’64 (2000)
Leominster, MA

PAUL S. KENNEDY ’67 (1998)
Worcester, MA

GORDON P. LANKTON (1980)
Clinton, MA

Westboro, MA

ARTHUR J. LOVETERE ’60 (1993)
Atlanta, MI

CLAUDE P. MANCEL ’71 (1997)
Belgium

F. WILLIAM MARSHALL JR. (1986)
Chebeague Island, ME

MYLES MCDONOUGH (1999)
Worcester, MA

CHARLES R. MICHEL ’37 (1972)
Aububon, PA

ALFRED A. MOLINARI, JR. ’63 (2004)
Marlboro, MA

JOHN M. NELSON (1986)
Boston, MA

DAVID P. NORTON ’62 (2000)
Concord, MA

JOHN F. O’BRIEN (1996)
Needham, MA

STANLEY C. OLSEN (1985)
Lecanto, FL
TRUSTEES, ADMINISTRATION AND FACULTY

HILLIARD W. PAIGE ’41 (1984)
Williamsburg, VA

WINDLE B. PRIEM ’59 (2009)
Boston, MA

LEONARD E. REDON ’73 (1992)
Rochester, NY

CAROL L. REINISCH (2001)
Falmouth, MA

DONALD E. ROSS ’54 (1993)
Newbury, NH

GEORGE E. SALTUS ’51 (1991)
Boulder, CO

JOHN J. SHIELDS (SIM ’69) (2009)
Boston, MA

GORDON H. SIGMAN, JR. ’59 (1996)
Port St. Lucie, FL

DOROTHY M. SIMON (1988)
Pittsboro, NC

H. KERNER SMITH (2003)
Falmouth, MA

ROBERT C. STEMPLE ’55 (1994)
Oxford, MI

DONALD TAYLOR ’49 (2000)
North Hampton, NH

LEONARD H. WHITE ’41 (1992)
Worcester, MA

RONALD L. ZARRELLA ’71 (2006)
Rochester, NY

DONALD P. ZERESKI (SIM ’74) (2009)
Northborough, MA

ADMINISTRATION

Numerals following name indicate year(s) of initial appointment.

DENNIS D. BERKEY (2004)
University President
B.A., Muskingum College, 1969;
M.A., Miami University of Ohio, 1971;
Ph.D., University of Cincinnati, 1974.

STEPHANIE PASHA (2004)
Chief of Staff, Secretary of the Corporation

JEFFREY S. SOLOMON (2005)
Executive Vice President/CFO
Treasurer of the Corporation
B.S., Bentley College, 1985;
M.S., Brandeis University, 2001.

Dexter A. Bailey
Vice President for Development & Alumni Relations
B.S., Ohio University, 1992;
MBA, University of Toledo, 1994.

STEPHEN P. FLAVIN (2005)
Vice President, Academic and Corporate Development

A. TRACY HASSETT, SPHR (1998)
Vice President for Human Resources,
Assistant Secretary of the Corporation
B.S. Roger Williams University, 2002.

ERIC W. OVERSTRÖM (2004)
Provost ad interim
Professor, Biology and Biotechnology
B.A., SUNY Oswego, 1974;
M.S., University of Massachusetts (Amherst), 1978;
Ph.D., 1981.

JANET BEGIN RICHARDSON (1980)
Vice President for Student Affairs and Campus Life
B.A., Salem State College, 1975;

KRISTIN R. TICHENOR (2000)
Senior Vice President for Enrollment and Institutional Strategy
B.A., Carleton College, 1985;
M.A., Clark University, 1994.

ACADEMIC AFFAIRS

ERIC W. OVERSTRÖM (2004)
Provost ad interim
Professor, Biology and Biotechnology
B.A., SUNY Oswego, 1974;
M.S., University of Massachusetts (Amherst), 1978;
Ph.D., 1981.

SELÇUK I. GUCERI (2011)
Bernard M. Gordon Dean of Engineering;
Professor, Mechanical Engineering
B.S., M.S., Middle East Technical University, 1960;
Ph.D., North Carolina State University, 1976.

KAREN KASHMANIAN OATES (2010)
Peterson Family Dean of Arts and Sciences;
Professor of Biology and Biotechnology
B.S., Rochester Institute of Technology, 1973;

MARK P. RICE (2010)
Dean of Business; Professor of Management, School of Business
B.S., Rensselaer Polytechnic Institute, 1971;
M.S., 1979; Ph.D., 1992.

RICHARD D. SISSON, JR. (1976)
Director of Manufacturing and Materials Engineering;
Professor, Mechanical Engineering;
B.S., Virginia Polytechnic Institute, 1969;
M.S., Purdue University, 1971; Ph.D., 1975.

RICHARD F. VAZ (1983)
Dean, Interdisciplinary and Global Studies Division
Associate Professor, Electrical and Computer Engineering;
B.S.E.E., Worcester Polytechnic Institute, 1979;
ARTHUR C. HEINRICHER, JR. (1992)
Dean of Undergraduate Studies; Professor, Mathematical Sciences
B.S., University of Missouri/St. Louis, 1980;

KRISTIN K. WOBBE (1995)
Associate Dean for the First Year; Associate Professor, Chemistry and
Biochemistry, and Head of Department;
John C. Metzger Jr. Professorship in Chemistry
B.A., St. Olaf College, 1983;
Ph.D., Harvard University, 1991.

ACADEMIC DEPARTMENT HEADS

LT COL CYNTHIA A. PROVOST
Air Force Aerospace Studies

JOSEPH B. DUFFY (INTERIM)
Biology and Biotechnology

KI H. CHON
Biomedical Engineering

DAVID DIBIASIO
Chemical Engineering

KRISTIN K. WOBBE
Chemistry and Biochemistry

TAHAR EL-KORCHI
Civil and Environmental Engineering

MICHAEL A. GENNERT
Computer Science

FRED J. LOOFT
Electrical and Computer Engineering

KATHY A. NOTARIANNI
Fire Protection Engineering

KRISTIN BOUDREAU
Humanities and Arts

BOGDAN M. VERNESCU
Mathematical Sciences

JOHN M. SULLIVAN (INTERIM)
Mechanical Engineering

LTC CARL W. COWEN
Military Science

DANA L. HARMON
Physical Education

GERMANO S. IANNACCHIONE
Physics

JAMES K. DOYLE
Social Science and Policy Studies

FACULTY

(As of December 1, 2010)
Numerals following name indicate year(s) of initial appointment.
Generally, in this listing, faculty with the titles “associate
professor” or “professor” are tenured, and with the title “assistant
professor” are on the tenure track. Faculty with titles other than
these three are full-time but not tenured or tenure track.

JONATHAN P. ABRAHAM (2004)
Actuarial Program Coordinator;
Adjunct Instructor, Mathematical Sciences
B.S. University of Iowa 1980;

DAVID S. ADAMS (1984)
Professor, Biology and Biotechnology
B.S., Oklahoma State University, 1974;
M.S., University of Houston, 1976;
Ph.D., University of Texas, 1979.

WILLIAM A. B. ADDISON, JR. (1986)
Associate Professor of History, Humanities and Arts
B.A., University of South Carolina, 1965;
M.A., University of Virginia, 1967;
M.Phil., Columbia University, 1974; Ph.D., 1986.

EMMANUEL O. AGU (2002)
Associate Professor, Computer Science
B.Eng., University of Benin, Nigeria, 1994;
M.S., University of Massachusetts-Amherst, 1996; Ph.D., 2001.

LEONARD D. ALBANO (1992)
Associate Professor, Civil and Environmental Engineering
Associate Professor, Fire Protection Engineering
B.S., Tufts University, 1982;
M.S., Northwestern University, 1983;
Ph.D., Massachusetts Institute of Technology, 1992, P.E.

DIRAN APELIAN (1990)
Professor, Mechanical Engineering;
Houmet Professor of Engineering;
Director, Metal Processing Institute
B.S., Drexel University, 1968;
Sc.D., Massachusetts Institute of Technology, 1972.

PADMANABHAN K. ARAVIND (1984)
Professor, Physics, and Associate Head of Department
B.S., Delhi University (India), 1971; M.S., 1973;
Ph.D., Northwestern University, 1980.

JOSE M. ARGÜELLO (1996)
Professor, Chemistry and Biochemistry
B.S., National University of Cordoba, 1979;
Ph.D., National University of Rio Cuarto, Argentina, 1986.

HOLLY K. AULT (1983)
Associate Professor, Mechanical Engineering;
B.S., Worcester Polytechnic Institute, 1974; M.S., 1983;

RYAN SHAUN JOAZEIRO DE BAKER (2009)
Assistant Professor, Social Science and Policy Studies; Assistant
Professor, Computer Science
Sc.B., Brown University, 2000;
William A. Baller (1986)  
Administrator of History Research Seminars;  
Adjunct Assistant Professor of History, Humanities and Arts  
B.A., Marquette University, 1971;  
M.A., Providence College, 1975;  
M.S., Columbia University, 1976;  
M.A., State University of New York at Albany, 1982;  
Ph.D., Clark University, 1994.  

McRae C. Banks (1995)  
Professor, School of Business  
B.A., Virginia Tech, 1972;  
M.A., Northwestern University, 1973;  

Isa Bar-On (1982)  
Professor, Mechanical Engineering  
B.S., Hebrew University of Jerusalem, 1974;  

Joseph E. Beck (2008)  
Assistant Professor, Computer Science  
B.S., Mathematics, Carnegie Mellon University, 1993;  
Ph.D., University of Massachusetts, Amherst, 2001.  

Kimberly M. Belli (2010)  
Visiting Assistant Professor, Civil and Environmental Engineering  
B.S., Worcester Polytechnic Institute, 1997;  
M.S., Northeastern University, 2002; Ph.D., 2008.  

John A. Bergendahl (2000)  
Associate Professor, Civil and Environmental Engineering  
Associate Professor, Chemical Engineering  
B.S., University of Connecticut, 1985; M.S., 1996;  

Dhiman Bhadra (2010)  
Assistant Professor, Mathematical Sciences  
B.S., Presidency College, University of Calcutta, India, 2002;  
M.S., University of Calcutta, India, 2004;  

Frederick Bianchi (1994)  
Professor of Music; Humanities and Arts  
B.A., Cleveland State University, 1980;  
M.S., Ball State University, 1982; Ph.D., 1985.  

Kristen L. Billiar (2002)  
Associate Professor, Biomedical Engineering  
Associate Professor, Mechanical Engineering  
B.S., Cornell University, 1991;  

Stephen J. Bitar (1994)  
Program Coordinator and Adjunct Instructor, Electrical and Computer Engineering  
B.S., Worcester Polytechnic Institute, 1985; M.S., 1995.  

Marcel Y. Blais (2005)  
Coordinator, Professional Science Master's Program;  
Adjunct Assistant Professor, Mathematical Sciences  
B.S., Fairfield University, 1999;  
Special Masters, Cornell University, 2003.
NANCY A. BURNHAM (2000)
Associate Professor, Physics
B.A., Colgate University, 1980;

MINGCHAO CAI (2010)
Visiting Assistant Professor, Mathematical Sciences
B.S., Jilin University, China 2002;
M.S., University of Macao, China, 2004;
Ph.D., Hong Kong University of Science and Technology, 2008.

TERRI ANNE CAMESANO (2000)
Associate Professor, Chemical Engineering
Associate Professor, Civil and Environmental Engineering
B.S., University of Rochester, 1995;
M.S., University of Arizona, 1997;

FABIO CARRERA (1991)
Director of Boston and Venice Project Centers;
Adjunct Assistant Professor, Interdisciplinary and Global Studies Division
B.S., Worcester Polytechnic Institute, 1984; M.S., 1996;
Ph.D., Massachusetts Institute of Technology, 2004.

SONIA CHERNOVA (2010)
Assistant Professor of Computer Science and Robotics Engineering,
Computer Science

KI H. CHON (2010)
Professor, Biomedical Engineering, and Head of Department
B.S., University of Connecticut, 1985;
M.S., University of Iowa, 1989;
M.S., University of Southern California, 1991; Ph.D. 1993.

PETER R. CHRISTOPHER (1963)
Professor, Mathematical Sciences
A.B., Clark University, 1959; M.A., 1963; Ph.D., 1982.

MICHAEL J. CIARALDI (1999)
Professor of Practice, Computer Science
B.A., Cornell University, 1973;
M.S., Rochester Institute of Technology, 1979;
M.S., University of Rochester, 1983.

EDWARD A. CLANCY (2000)
Associate Professor, Electrical and Computer Engineering
Associate Professor, Biomedical Engineering
B.S., Worcester Polytechnic Institute, 1983;
M.S., Massachusetts Institute of Technology, 1987;

CONSTANCE A. CLARK (2006)
Associate Professor, Humanities and Arts
B.S., State University of New York/Stony Brook, 1978;

WILLIAM M. CLARK (1986)
Associate Professor, Chemical Engineering
B.S., Clemson University, 1979;
Ph.D., Rice University, 1984.

MARK L. CLAYPOOL (1998)
Professor, Computer Science;
Director, Interactive Media and Game Development
B.A., Colorado College, 1990;
M.S., University of Minnesota, 1993; Ph.D., 1996.

EBEN C. COBB (1995)
Visiting Assistant Professor, Mechanical Engineering
B.S., Norwich University, 1977;
M.S., University of Wisconsin, 1978;
M.S., Boston University, 1981;

JAMES M. COKOLA (2009)
Assistant Professor of Literature, Film, and Media,
Humanities and Arts
A.B., Harvard College, 1998;
Ph.D., University of Virginia, 2009.

ROBERT E. CONNORS (1976)
Professor, Chemistry and Biochemistry,
and Associate Head of Department
B.S., University of Massachusetts, 1967;
Ph.D., Northeastern University, 1972.

DAVID CYGANSKI (1976)
Professor, Electrical and Computer Engineering;
B.S., Worcester Polytechnic Institute, 1975;
M.S., 1976; Ph.D., 1981.

SHIBIN DAI (2008)
Visiting Assistant Professor, Mathematical Sciences
B.S., Peking University (China), 1997;
M.S., Chinese Academy of Sciences, 2000;
Ph.D., University of Maryland, 2005.

RAVINDRA DATTA (1998)
Professor, Chemical Engineering
B.T., Indian Institute of Technology (India), 1972;
Ph.D., University of California, Santa Barbara, 1981.

PAUL W. DAVIS (1970)
Professor, Mathematical Sciences
B.S., Rensselaer Polytechnic Institute, 1966;
M.S., 1967; Ph.D., 1970.

JOHN F. DELOREY (2001)
Adjunct Instructor of Music, Humanities and Arts
B.A., Vassar College, 1981;

NICHOLAS A. DEMBSEY (1995)
Professor, Fire Protection Engineering
B.S., University of Michigan, Ann Arbor, 1986
M.S., University of California at Berkeley, 1988; Ph.D., 1995.

MICHAEL A. DEMETRIOU (1997)
Professor, Mechanical Engineering
B.S., University of Southern California, 1987; M.S., 1989;

CHRYSANTHE DEMETRY (1993)
Associate Professor, Mechanical Engineering;
Director, Morgan Teaching and Learning Center
B.S., Worcester Polytechnic Institute, 1988;
Ph.D., Massachusetts Institute of Technology, 1993.
JAMES DEMPSEY (2004)  
Administrator of Literary Studies;  
Adjunct Instructor, Humanities and Arts  
B.A., University of Liverpool (U.K.), 1976;  
M.A., Clark University, 1978.  
ROBERT E. DEMPSEY (2009)  
Assistant Professor, Chemistry and Biochemistry  
B.S., Bucknell University, 1997;  
Ph.D., Massachusetts Institute of Technology, 2003.  
N. AARON DESKINS (2009)  
Assistant Professor of Writing/Rhetoric, Humanities and Arts  
B.A., Eastern Washington University, 2000; M.A., 2002;  
Ph.D., University of Arizona, 2008.  
DAVID DiBIASIO (1980)  
Associate Professor, Chemical Engineering,  
and Head of Department  
B.S., Purdue University, 1972; M.S., 1977; Ph.D., 1980.  
FRANK A. DICK (2007)  
Adjunct Assistant Professor, Physics  
B.S., University of Texas/San Antonio, 1984;  
M. S., Worcester Polytechnic Institute, 2005; Ph.D., 2007.  
MIKHAIL F. DIMENTBERG (1994)  
Professor, Mechanical Engineering  
M.S.C., Moscow Institute of Power Engineering, 1958;  
JAMES P. DITTAMI (1985)  
Professor, Chemistry and Biochemistry  
B.A., College of The Holy Cross, 1975;  
M.S., Boston College, 1978;  
Ph.D., Rensselaer Polytechnic Institute, 1983.  
ANTHONY G. DIXON (1980)  
Professor, Chemical Engineering  
B.S., Edinburgh University, 1975; Ph.D., 1978.  
SOUSSAN DJAMASBI (2004)  
Assistant Professor, School of Business  
B.S., Christian Albert University (Germany), 1988;  
M.S., University of New Mexico, Albuquerque, 1991;  
Ph.D., University of Hawaii, Manoa, 2004.  
DAVID B. DOLLENMAYER (1990)  
Professor of German; Humanities and Arts  
TANJA DOMINKO (2006)  
Associate Professor, Biology and Biotechnology;  
Associate Professor, Bioengineering Institute  
DVM, University of Ljubljana (Slovenia), 1985; M.S., 1986;  
Ph.D., University of Wisconsin - Madison, 1996.  
IVY E. DONALDSON SOBERANIS  
Visiting Assistant Professor, School of Business  
B.A., Queens College, City University of New York, 2001;  
M.S., University of Iowa, 2004; Ph.D., 2010.  
DANIEL J. DOUGHERTY (2002)  
Professor, Computer Science  
B.A., University of Maryland, 1974; Ph.D., 1982.  
JAMES K. DOYLE (1992)  
Associate Professor, Social Science and Policy Studies,  
and Head of Department  
B.A., University of California/Berkley, 1982;  
R. JAMES DUCKWORTH (1987)  
Associate Professor, Electrical and Computer Engineering  
B. Eng., Bradford University, 1981;  
Ph.D., Nottingham University, 1984.  
JOSEPH B. DUFFY (2006)  
Associate Professor, Biology and Biotechnology,  
and Interim Head of Department  
B.S., Cornell University, 1987;  
Ph.D., University of Texas, 1992.  
BETHEL L. EDDY (2007)  
Assistant Professor of Religion, Humanities and Arts  
B.S., Northeast Louisiana University, 1978;  
M.A., University of North Carolina/Greensboro, 1992;  
TAHAR EL-KORCHI (1987)  
Professor, Civil and Environmental Engineering,  
and Head of Department  
B.S., University of New Hampshire, 1980,  
M.S., 1982; Ph.D., 1986.  
MICHAEL B. ELMES (1990)  
Professor, School of Business  
B.S., Union College, 1975;  
M.A., Colgate University, 1979;  
Ph.D., Syracuse University, 1989.  
MOHAMED Y. ELTABAKH (2011)  
Assistant Professor, Computer Science  
B.S., Alexandria University, Egypt, 1999; M.S., 2001;  
M.S., Purdue University, 2005; Ph.D., 2010.  
ALEXANDER E. EMANUEL (1974)  
Professor, Electrical and Computer Engineering  
B.S., Technion, Israel Institute of Technology (Haifa), 1963;  
M.S., 1965; D.Sc., 1969. P.E.  
MICHELLE EPHRAIM (1999)  
Associate Professor of English, Humanities and Arts  
B.A., Tufts University, 1991;  
SIMON W. EVANS (2009)  
Assistant Professor, Mechanical Engineering  
B.Sc., University of Witwatersrand, South Africa, 1998;  
M.S., MIT, 2001;  
Ph.D., Cambridge University, UK, 2009.  
RICHARD G. FALCO (1979)  
Director of Jazz Studies, Humanities and Arts  
B.A., University of Massachusetts, 1989;  
M.A., Clark University, 1992.
JOSEPH FARBOOK (2006)
Assistant Professor, Humanities and Arts

WILLIAM W. FARR (1989)
Associate Professor, Mathematical Sciences
B.S., University of California - Davis, 1975;
M.A., University of California - Los Angeles, 1981;
Ph.D., University of Minnesota, 1986.

JOSEPH D. FEHRIBACH (1992)
Associate Professor, Mathematical Sciences;
Associate Professor, Chemical Engineering
B.A., Centre College, 1980;

DAVID FINKEL (1988)
Professor, Computer Science, and Associate Head of Department
B.A., Temple University, 1966;
M.S., University of Chicago, 1967; Ph.D., 1971.

GREGORY S. FISCHER (2008)
Assistant Professor, Mechanical Engineering
B.S., Rensselaer Polytechnic Institute, 2002;
M.S.E., University of Waterloo, 2003; Ph.D., 2008.

KATHRYN FISLER (2000)
Associate Professor, Computer Science
B.A., Williams College, 1991;
M.S., Indiana University, 1992; Ph.D., 1996.

MUSTAPHA S. FOFAANA (1997)
Associate Professor, Mechanical Engineering
B.S./M.S., Budapest Technical University, 1986;
M.A.S., University of Waterloo, 1989; Ph.D., 1993.

COSME FURLONG-VAZQUEZ (1999)
Associate Professor, Mechanical Engineering
Russell M. Searle Instructorship in Mechanical Engineering
(2010-2011)
B.Eng., University of the Americas, 1989;
M.S., Worcester Polytechnic Institute, 1992; Ph.D., 1999.

JACOB A. GAGNON (2010)
Visiting Assistant Professor, Mathematical Sciences
B.S., Massachusetts Institute of Technology, 2003;
M.S., University of Massachusetts, Amherst, 2006;
Ph.D., 2010.

NIKOLAOS A. GATSONIS (1994)
Professor, Mechanical Engineering;
Director, Aerospace Engineering Program
B.S., Aristotelian University of Thessaloniki, 1983;
M.S., University Michigan, 1986;
M.S., Massachusetts Institute of Technology, 1987;

GLENN R. GAUDETTE (2006)
Assistant Professor, Biomedical Engineering
B.S., University of Massachusetts/Dartmouth, 1989;
M.S., Georgia Institute of Technology, 1992;
Ph.D., State University of New York/Stony Brook, 2002.

ROBERT J. GEGEAR (2010)
Assistant Professor, Biology and Biotechnology
B.Sc., University of Western Ontario, 1992; M.Sc., 1995;
Ph.D., 2002.

MICHAEL A. GENNERT (1987)
Associate Professor, Computer Science, and Head of Department;
Associate Professor, Electrical and Computer Engineering;
Director, Robotics Engineering Program
S.M.E.E., S.B.C.S., S.B.E.E., Massachusetts Institute of

ARTHUR GERSTENFELD (1976)
Professor, School of Business
B.M.E., Rensselaer Polytechnic Institute, 1950;
M.S., Massachusetts Institute of Technology, 1966; Ph.D., 1967.

DANIEL G. GIBSON III (1983)
Assistant Professor, Biology and Biotechnology
B.A., Stanford University, 1966;
M.A., College of William and Mary, 1969;
Ph.D., Boston University, 1980.

JACOB A. GAGNON (2010)
Visiting Assistant Professor, Mathematical Sciences
B.S., Massachusetts Institute of Technology, 2003;
M.S., University of Massachusetts, Amherst, 2006;
Ph.D., 2010.

NIKOLAOS A. GATSONIS (1994)
Professor, Mechanical Engineering;
Director, Aerospace Engineering Program
B.S., Aristotelian University of Thessaloniki, 1983;
M.S., University Michigan, 1986;
M.S., Massachusetts Institute of Technology, 1987;

GLENN R. GAUDETTE (2006)
Assistant Professor, Biomedical Engineering
B.S., University of Massachusetts/Dartmouth, 1989;
M.S., Georgia Institute of Technology, 1992;
Ph.D., State University of New York/Stony Brook, 2002.

ROBERT J. GEGEAR (2010)
Assistant Professor, Biology and Biotechnology
B.Sc., University of Western Ontario, 1992; M.Sc., 1995;
Ph.D., 2002.
Hossein Hakim (1984)
Associate Professor, Electrical and Computer Engineering, and Associate Head of Department
B.S.E.E., Arya Mehr University (Iran), 1975;
M.S.E.E., Purdue University, 1977; Ph.D., 1982.

Margarita Halpine (2006)
Adjunct Assistant Professor, Humanities and Arts
B.A., College of New Rochelle, 1976;
M.A., Columbia University, 1980; M. Ph., 1984;

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ALEX A. ZOZULYA (1998)
Professor, Physics
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Numerals following name indicate years of service.

ALLEN BENJAMIN (1963-1980)
Professor Emeritus, Civil Engineering

RONALD R. BIEDERMAN (1968-2004)
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VAN F. W. BUEMEL (1966-1999)
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JOHN M. BOYD (1966-1994)
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EDMUND T. CRANCH (1978-1985)
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THEODORE C. CRUSBERG (1969-2010)
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LOUIS J. CURRAN, JR. (1966-2004)
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Professor Emeritus, Civil & Environmental Engineering

FRANK D. DEFalCO (1960-1999)
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JAMES S. DEMETRY (1971-2000)
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MARY M. HARDELL (1972-1996)
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Professor Emeritus and President Emeritus

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JOSEPH D. SAGE (1957-1994)
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MICHAEL M. SOKAL (1970-2005)
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CARLTON W. STAPLES (1948-1986)
Professor Emeritus, Mechanical Engineering

ROBERT E. WAGNER (1949-1987)
Professor Emeritus, Chemical Engineering

ADRIAAN WALther (1972-2001)
Professor Emeritus, Physics

STEPHEN J. WEstINGER (1965-2005)
Professor Emeritus, Chemistry and Biochemistry, and Interdisciplinary and Global Studies

ALVIN H. WEISS (1966-1994)
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JERALD A. WEISS (1962-1988)  
*Professor Emeritus, Physics*

LESLIE C. WILBUR (1957-1987)  
*Professor Emeritus, Mechanical Engineering; Professor and Chairman of Nuclear Reactor Facility Emeritus*

JOHN F. WILD (1962-1992)  
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*Professor Emeritus, Social Science and Policy Studies*

ROBERT G. ZALOSH (1990-2006)  
*Professor Emeritus, Fire Protection Engineering*

JOHN F. ZEUGNER (1971-2005)  
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DONALD N. ZWIEP (1957-1990)  
*Professor and Department Head Emeritus, Mechanical Engineering*

**SPECIAL PROFESSORSHIPS**

DIRAN APELIAN  
*Howmet Professorship of Mechanical Engineering*

SELCUK GUČERI  
*BM Gordon Dean in Engineering and Professor of Engineering Leadership (2008)*

FRANK HOY  
*Paul Beswick Professorship of Innovation and Entrepreneurship*

GEORGE A. KAMINSKI  
*Leonard P. Kinnicutt Associate Professor (2009-2012)*

ANDREW G. KLEIN  
*Joseph Samuel Satin Distinguished Fellowship (2010-2011)*

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*James H. Manning Professorship in Chemical Engineering*

UMBERTO MOSCO  
*Harold J. Gay Professorship in Mathematics*

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*Peterson Family Professorship in Life Sciences and Biology*

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*Alena and David M. Schwaber '65 Endowed Professorship in Environmental Engineering (2009-2014)*

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2007  ELKE A. RUNDENSTEINER
2008  JOEL J. BRATTIN
2009  ANTHONY G. DIXON
2010  DALIN TANG
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<td>1968</td>
<td>Wilbur B. Bridgman</td>
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<td>James W. Pavlik</td>
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<td>Alexander E. Emanuel</td>
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<td>Hartley T. Grandin, Jr.</td>
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<td>David Cyganski</td>
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<td>John F. Zeugner</td>
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<td>Dan H. Wolaver</td>
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<td>Richard D. Sisson, Jr.</td>
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<td>Patrick P. Dunn</td>
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<td>Harold W. Hilsinger</td>
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<td>David S. Adams</td>
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<td>Robert Long II</td>
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<td>Andreas N. Alexandrou</td>
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<td>Richard F. Vaz</td>
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<td>L. Ramdas Ram-Mohan</td>
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<td>1995</td>
<td>James S. Demetry</td>
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<td>Nicholas K. Kidaahl</td>
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<td>Susan Vick</td>
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<td>Leonard D. Albano</td>
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<td>John A. Mcneill</td>
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<td>Stephen J. Weininger</td>
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<td>Stephen N. Japerson</td>
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<td>Chrysanth Demetry</td>
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<td>Helen G. Vassallo</td>
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<td>Judith E. Miller</td>
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<td>Robert L. Norton</td>
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<td>Jeanine D. Plummer</td>
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<td>John A. Goulet</td>
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<td>Peter R. Christopher</td>
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<td>Stephen J. Bitar</td>
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<td>Satya Shivkumar</td>
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<td>John F. Zeugner</td>
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<td>Mary M. Hardell</td>
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<td>Kent P. Ljungquist</td>
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<td>Jill Rulfs</td>
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<td>Michael A. Gennert</td>
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<td>Richard F. Vaz</td>
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<td>David S. Adams</td>
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<td>Alexander E. Emanuel</td>
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<td>Phillip E. Robakiewicz</td>
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<td>Jonathan R. Barnett</td>
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<td>George D. Pins</td>
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<td>Ann Garvin</td>
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<td>Carolann Koleci</td>
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<td>Jon P. Abraham</td>
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<td>2009</td>
<td>Kristen Billiar</td>
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<td>Sergey N. Makarov</td>
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<td>2003</td>
<td>James P. O’Rourke</td>
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<td>2004</td>
<td>William A. Baller</td>
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<td>2005</td>
<td>Holly K. Ault</td>
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<td>Allen H. Hoffman</td>
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<td>Elizabeth Tomaszewski</td>
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<td>2008</td>
<td>Christopher Bartley</td>
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<td>2009</td>
<td>Hossein Hakim</td>
</tr>
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<td>2010</td>
<td>Kenneth A. Stafford</td>
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NOTICE OF NONDISCRIMINATORY POLICY
AS TO STUDENTS

It is the policy of Worcester Polytechnic Institute that each qualified individual, regardless of race, color, sex, religion, sexual orientation, national origin, age as defined by law, or handicap, shall have equal opportunity in education, employment or services of Worcester Polytechnic Institute. It is the policy of WPI to follow U.S. federal government eligibility guidelines in the administration of its institutional financial aid program.

STUDENT RESPONSIBILITIES FOR ETHICAL AND PROFESSIONAL CONDUCT

WPI expects all its students to demonstrate the highest sense of honor in respecting academic and professional traditions such as acknowledging the borrowing or use of other people’s ideas. Willful violations (like plagiarism) of such academic traditions or of legal restrictions (like those regarding copyright) will be considered violations of the “Campus Code” as described in the Student Planner.

WPI education is strongly committed to project-based learning, to providing students with access to state-of-the-art technology, and to working with professionals, on and off campus. Therefore, when students are exposed to propietarial and/or confidential information, they must accept responsibilities appropriate to their preparation for life-long careers in which codes of ethics govern professional conduct.

Facilities such as the off-campus projects, employment sites, and on-campus laboratories permit students to gain experience with techniques at the forefront of industrial and research development. With this access comes the added responsibility of safeguarding students of any agreements they sign regarding conditions or restrictions for access to certain equipment or information will also be considered a violation of the “Campus Code” as described in the Student Planner.

Record of any penalties assigned by the WPI Campus Judicial System which result from violation of standards of ethical conduct will become a permanent part of that student’s disciplinary record.

STUDENT ABSENCE DUE TO RELIGIOUS BELIEFS

Section 2B, Chapter 151C of the General Laws of the Commonwealth of Massachusetts: “Any student in an educational or vocational training institution, other than a religious or denominational educational or vocational training institution, who is unable, because of his/her religious beliefs, to attend classes or to participate in any examination, study, or work requirement on a particular day shall be excused from any such examination or study or work requirement, and shall be provided with an opportunity to make up such examination, study, or work requirement which he/she may have missed because of such absence on any particular day; provided, however, that such makeup examination or work shall not create an unreasonable burden upon such school. No fees or any kind shall be charged by the institution for making available to the said student such opportunity. No adverse or prejudicial effects shall result to any students because of his/her availing himself/herself of the provisions of this section.”

POLICY FOR INSTITUTIONAL CHARGES AND REFUNDS FOR STUDENTS CALLED TO MILITARY ACTION

WPI recognizes the obligations of our students who are called to active duty by the U.S. Military. To support these students WPI has established this policy to facilitate their transition from, and back to active student status.

Such students shall receive 100% refund for the uncompleted term(s) of the semester at the date of the notice. If such student has a loan obligation to WPI they will be granted an in-school deferment status during the period of active duty service, not to exceed a total of three years.

To initiate the process to be classified “On leave for military service” the student must indicate, in writing, that he/she is requesting school deferment status while being called to active duty. A copy of the official call to active duty notice from the military must be included with this request and be submitted to the Registrar’s Office.

CURRENCY OF INFORMATION

The information contained in this Undergraduate Catalog is not a complete statement of all the policies, practices, rules and regulations of Worcester Polytechnic Institute. Any statement made in this publication is for current informational purposes only and is subject to change by the governing body of WPI or its duly authorized representatives. Certain policies, rules and regulations are not published in this publication but are promulgated directly by the appropriate department. Members of the WPI community are expected to abide by the current policies, practices, rules and regulations of the college, even though they may not be contained in this publication or may not be consistent with the information contained in this publication, whether due to a properly authorized change or to a printing error.

Changes, deletions, and additions authorized by the governing body of WPI, after the printing of this catalog, are posted on WPI’s web page at www.wpi.edu/ as a supplement to the undergraduate catalog, and includes the effective date of the action.
Worcester Polytechnic Institute is accredited by the New England Association of Schools and Colleges, Inc., through its Commission on Institutions of Higher Education.

Accreditation of an institution of higher education by the New England Association indicates that it meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer review process. An accredited college or university is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the New England Association is not partial but applies to the institution as a whole. As such, it is not a guarantee of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

Inquiries regarding the accreditation status by the New England Association should be directed to the Office of the Provost.

The aerospace engineering, biomedical engineering, chemical engineering, civil engineering, electrical and computer engineering, environmental engineering, industrial engineering, manufacturing engineering and mechanical engineering programs are accredited by the Engineering Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012 - telephone: (410) 347-7700.

The WPI Computer Science Program is accredited by the Computing Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012 - telephone: (410) 347-7700.

The Chemistry and Biochemistry Department and its program at WPI are approved by the American Chemical Society for a major in chemistry or biochemistry. Those chemistry majors who complete a program satisfying the guidelines established by the American Chemical Society are certified to that organization as having received an undergraduate professional education in chemistry or biochemistry.

The undergraduate and graduate business offerings in the School of Business are accredited by AACSB International, the Association to Advance Collegiate Schools of Business. AACSB International is a not-for-profit organization consisting of more than 900 educational organizations and corporations. Its mission is excellence in management education in colleges and universities. Headquartered in Tampa, Florida, AACSB International is the premier accrediting agency and service organization for business schools.

### DIRECTIONS

**DRIVING TO WPI**

**FROM THE EAST:**
Take Mass. Turnpike (I-90) to Exit 11A (I-495). Proceed north to I-290, then west into Worcester. Take Exit 18, turn right at end of ramp, then an immediate right before next traffic light. At next light, proceed straight through, bearing to the right on Salisbury St. At the WPI sign, turn left onto Boynton St., then right onto Institute Rd., then right onto West St. Visitor parking is on the left after footbridge.

**FROM THE NORTH:**
Take I-495 south to I-290. Follow directions as from east.

**FROM THE SOUTH AND WEST:**
Take Mass. Turnpike (I-90) to Exit 10 (Auburn). Proceed east on I-290 into Worcester. Take Exit 17, turn left at end of ramp, follow Rte. 9 west through Lincoln Sq., straight onto Highland St., then right at light onto West St. and through first intersection. Visitor parking is on the left after footbridge.