THE BOARD OF TRUSTEES

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THOMAS R. CARPER, Governor of the State of Delaware
Mervin J. Richard, Master of the State Grange
DAVID P. ROSELLE, President of the University
JAMES L. SPARTZ, President of the State Board of Education

Elected and Appointed Members

WILLIAM T. ALLEN
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** Gubernatorial Appointment

THE UNIVERSITY STAFF

Officers of the University Administration

DAVID P. ROSELLE, Ph.D. (Duke),
President; also Professor of Mathematics
MELVYN D. SCHIAVELLI, Ph.D. (California, Berkeley),
Provost; also Professor, Chemistry and Biochemistry
DAVID E. HOLLOWELL, M.B.A. (Boston),
Executive Vice President
MAXINE COLM, Ed.D. (Delaware),
Vice President for Administration
ROBERT R. DAVIS, M.A. (Bowling Green),
Vice President for Development and Alumni Relations
SUSAN J. FOSTER, M.Ed. (Temple),
Vice President for Information Technologies
STEPHEN M. GRIMBLE, B.S. (Delaware),
Vice President and University Treasurer
PIERRE D. HAYWARD, B.A. (Trinity),
Vice President and University Secretary
ROLAND McFATRIDGE SMITH, D.A. (Carnegie-Mellon),
Vice President for Student Life
The faculty

College of Agriculture and Natural Resources

John C. Nye, Ph.D. (Purdue), Dean and Professor; Bioresources Engineering; also Director, Agricultural Experiment Station.

Patricia S. Barber, Ed.D. (Florida), Associate Dean for Outreach and Extension; also Associate Professor; Food and Resource Economics.

Lesa Griffths, Ph.D. (Purdue), Associate Dean for Academic Programs; also Associate Professor; Animal and Food Sciences.

William W. Saylor, Ph.D. (Penn State), Associate Dean and Associate Director, Agricultural Experiment Station.

Karen Roth Anunas, M.Ed. (Delaware), Assistant Dean for Student Services.

Gregory W. Rumsey, M.B.A. (Delaware), Assistant Dean of Operations.

Agricultural Education

J. Richard Bacon, M.S. (Tennessee), Agricultural Education Coordinator; also Associate Scientist, Food and Resource Economics.

Patricia S. Barber, Ed.D. (Florida), Associate Dean for Outreach and Extension; also Associate Professor; Food and Resource Economics.

Animal and Food Sciences

John K. Rosenberger, Ph.D. (Wisconsin), Professor and Chair: Microbiology.

Robin W. Morgan, Ph.D. (Johns Hopkins), Professor and Assistant Chair; also Professor, Biology and Professor, Chemistry and Biochemistry; Molecular virology.

Robert L. Alphin, Jr., M.S. (Delaware), Poultry Research Coordinator.

Amy Anderson, B.S. (Delaware), Research Associate III.

Joan Burnside, Ph.D. (Dartmouth), Associate Professor; also Associate Professor, Biological Sciences; Molecular endocrinology.

Sandra S. Cloud, Ph.D. (Delaware), Scientist: Virology.

Larry A. CoBurn, Ph.D. (Illinois), Professor: Avian physiology.

Catherine G.A. Davies, Ph.D. (Leeds University), Assistant Professor: Food biochemistry/biotechnology.

John E. Dohms, Ph.D. (Ohio State), Professor: Immunology and microbiology.

Marlene G. Emara, Ph.D. (Ohio State), Assistant Professor: Molecular immunology.

Negede Gedamu, B.S. (Norfolk State), Research Associate I.

Jack Gelb, Jr., Ph.D. (Georgia), Professor: Virology.

Lesa Griffths, Ph.D. (Purdue), Associate Professor; also Associate Dean for Academic Programs; College of Agriculture and Natural Resources; Monogastric nutrition.

Linda L. Hnatow, M.S. (Penn State), Research Associate III.

Dallas G. Hoover, Ph.D. (Minnesota), Professor: Food microbiology, biotechnology, fermentations, food safety.

Mir N. Islam, Ph.D. (Louisiana State), Professor: Food analysis, food chemistry, preservation of tropical fruits and flesh foods, ingredient manipulation for bakery products.

Rolf D. Joerger, Ph.D. (North Carolina State), Assistant Professor: Microbial genetics and physiology.

Calvin Keeler, Ph.D. (Maryland), Professor: Molecular virology.

Limin Kung, Ph.D. (Michigan State), Professor: Ruminant nutrition and microbiology.

Yangming Martin Lo, Ph.D. (Ohio State), Assistant Professor: Food processing and engineering.

George W. Malone, M.S. (Massachusetts), Associate Scientist.

Elizabeth P. McMillen, B.S. (Delaware), Assistant to the Chair.

Paul E. Meckley, V.M.D., Ph.D. (Wisconsin), Associate Professor: Reproductive physiology.

Marcy Murphy, B.S., (Delaware), Research Associate II.

Edwin M. Odor, D.V.M. (Auburn), Senior Scientist: Veterinary diagnostics.

Conrad R. Pope, D.V.M. (Tuskegee), Senior Scientist: Veterinary pathology.

Hilary J. Reidy, A.A.S. (Del Tech), Research Associate I.

C. Melvin Reitnour, Ph.D. (Kentucky), Professor: Equine nutrition and management.

Mariano Salem, V.M.D. (Mexico), Scientist: Veterinary diagnostics.

Paul H. Sammelwitz, Ph.D. (Illinois), Professor: Reproductive physiology.

William W. Saylor, Ph.D. (Penn State), Associate Professor; also Associate Dean, College of Agricultural Sciences, and Associate Director, Agricultural Experiment Station: Monogastric nutrition.

Carl J. Schmidt, Ph.D. (Johns Hopkins), Assistant Professor: Genomics.

O. Sue Snider, Ph.D. (Missouri), Extension Specialist III; also Associate Professor Nutrition and Dietetics: Development of food safety educational materials for the public, analysis of quality attributes of food.

Phaedra I. Tavlarides-Hontz, B.S. (Delaware), Research Associate I.

Diane D. Toth, A.A.S. (Del Tech), Research Specialist.

Joint and Adjunct Appointments

Biological Sciences: Melinda K. Duncan


Bioresources Engineering

Kenneth M. Lomax, Ph.D. (Maryland), Associate Professor and Chair: Ventilation systems, biological engineering.

Carmine C. Balascio, Ph.D. (Iowa State), Associate Professor: Storm water management, hydrologic modeling.
FACULTY AND PROFESSIONAL STAFF

Entomology and Applied Ecology

JUDITH A. HOUGH-GOLDSTEIN, Ph.D. (Cornell), Professor and Chair: Insect pest management, insect behavior and ecology
DEWEY M. CARON, Ph.D. (Cornell), Professor: Apology, insect behavior and general entomology
CLIFFORD B. O. KEIL, Ph.D. (Virginia Tech), Associate Professor: Insect genetics, genetics of insecticide resistance, insect pathology, mushroom insects.

CHARLES E. MASON, Ph.D. (Kansas State), Professor: Pest management of stalk-boring insects, biological control and chemical ecology of host plant associations.
PAMELA T. PLOTKIN, Ph.D. (Texas A&M), Assistant Professor: Ecology, animal behavior, wildlife conservation and management, especially marine turtles.

ROLAND R. ROTH, Ph.D. (Illinois), Professor: Ecology, ornithology, mammalogy, and wildlife conservation.

DOUGLAS W. TALLAMY, Ph.D. (Maryland), Professor: Insect ecology and ethology, the evolution of social behavior in tingids (Hemiptera), plant-insect interactions.

JOANNE M. WHALEN, M.S. (Delaware), Extension Specialist: Integrated pest management


THOMAS K. WOOD, Ph.D. (Cornell), Professor: Insect ecology, ethology and speciation of membracids (Hemiptera).

Joint and Adjunct Appointments

Animal and Food Sciences: CALVIN KEELER.

Adjunct Faculty: WILLIAM H. DAY, Ph.D.; LINDSEY FLEXNER, Ph.D.; ROGER W. FUESTER, B.S.; ION GELHAUS, Ph.D.; JOHN GINGRICH, Ph.D.; CALEB HOLYOKE, Ph.D.; KEITH HOPPER, Ph.D.; JOHN JACKSON, Ph.D.; DANIEL OTTE, Ph.D.; PAUL SCHAEPF, Ph.D.; MICHAEL SMITH, Ph.D.

Food and Resource Economics

CARL L. GERMAN, M.S. (Southern Illinois), Crops Marketing Specialist: Cooperative Extension.
STEVEN E. HASTINGS, Ph.D. (Penn State), Professor: Resource economics and rural development.
RHONDA HYDE, Ph.D. (Clemson), Associate Professor; also Associate Professor, Operations Research Program: Operations research and decision analysis.

THOMAS W. IVENTO, Ph.D. (Penn State), Associate Professor: Rural sociology and community economic development.

JOHN E.A. MACKENZIE, Ph.D. (Rhode Island), Associate Professor: Resource economics, GIS, and land use.

PATTERNA NELSON, Ed.D (Columbia), Family and Child Development Specialist; also Associate Professor, Individual and Family Studies: Cooperative Extension.

JOHN PESEK, Ph.D. (Michigan), Associate Scientist: Statistics.

H. DON TILMON, Ph.D. (Purdue), Farm Management Specialist: Cooperative Extension.

ULRICH C. TOENSMeyer, Ph.D. (Maryland), Professor: Food marketing management and sales, futures and options markets.

SILVIA Weyerbrock, Ph.D (California-Berkeley), Assistant Professor: International agricultural trade and marketing.

LAURIE G. WOLINSKI, B.S. (Delaware), Farm Management Associate.

Longwood Graduate Program in Public Horticulture

JAMES E. SWASEY, Ph.D. (Maryland), Longwood Graduate Program Coordinator; also Professor, Plant and Soil Sciences: Landscape plants, landscape maintenance.

Additional faculty are selected annually to participate in this interdisciplinary program.

Operations Research

PALANIAPPA KRISHNAN, Ph.D. (Illinois), Director, Operations Research Program; also Associate Professor; Bioresources Engineering: Operations research in chemical spray application, power and machinery management.

RICHARD J. AGNELLO, Ph.D. (Johns Hopkins), Associate Professor; Economics: Econometrics and forecasting, fisheries and transportation economics.

LEE G. ANDERSON, Ph.D. (Washington, Seattle), Professor; Marine Studies; also Professor; Economics: Natural resources and environmental economics, fishery management, benefit-cost analysis.

CARMINE C. BALASCIO, Ph.D. (Iowa State), Associate Professor, Bioresources Engineering: Soil and water.

DANIEL L. CHESTER, Ph.D. (California, Berkeley), Associate Professor, Computer and Information Sciences: Artificial intelligence, natural language processing, planning systems.

CONRADO M. GEMPESAW II, Ph.D. (Pennsylvania State), Professor and Chair; Food and Resource Economics: Production economics, agricultural finance.

RHONDA L. AULL HYDE, Ph.D. (Clemson), Associate Professor; Food and Resource Economics: Agricultural production, inventory management.

SHINYA KIKUCHI, Ph.D. (Pennsylvania), Professor; Civil and Environmental Engineering: Optimization of transportation systems and logistics.

AJAY K. MANRAI, Ph.D. (Northwestern), Associate Professor, Business Administration: Econometrics, optimization theory.

DAVID L. MILLS, Ph.D. (Michigan), Professor; Electrical and Computer Engineering: Data communications, computer networks and protocol engineering.

M. ZUHAI NASHED, Ph.D. (Michigan), Professor; Mathematical Sciences: Optimization and approximation theory, numerical analysis, ill-posed problems, generalized inverses, control and system theory.

Food and Resource Economics

CONRADO M. GEMPESAW II, Ph.D. (Penn State), Professor and Chair; also Professor, Economics: Production economics, agricultural finance, and statistics.

J. RICHARD BACON, M.S. (Tennessee), Associate Scientist: Agricultural education, marketing and risk management.

PATRICIA BARBER, Ed.D. (Florida), Associate Professor; also Associate Dean for Outreach and Extension, College of Agriculture and Natural Resources: Cooperative Extension and Outreach.

MARGARET BROWN, Ph.D. (Delaware), Family and Child Development Specialist.

JOSHUA M. DUKE, Ph.D. (Wisconsin), Assistant Professor: Environmental law, land use and resource economics.
FACULTY AND PROFESSIONAL STAFF

MICHAEL F. POHLEN, Ph.D. (Ohio State), Associate Professor; Business Administration. Production and inventory control systems and models, manufacturing policy, project management.

RICHARD S. SACHER, Ph.D. (Stanford), Manager, Information Technologies-User Services; also Associate Professor; Mathematical Sciences. Mathematical programming, statistical computation.

ANDARSHPAL SETHI, Ph.D. (Indian Institute of Technology, Kanpur), Associate Professor; Computer and Information Sciences. Performance evaluation modeling, network management and control, local area networks, distributed systems.

CLIFFORD W. SLOoyer, Jr., Ph.D. (Lehigh), Professor, Mathematical Sciences. Operations research in public systems and utility companies, topology.

PAUL L. SOLANO, Ph.D. (Maryland), Associate Professor; Urban Affairs and Public Policy. Political economy, public finance, public financial management, public choice.

ROBERT M. STARK, Ph.D. (Delaware), Professor, Mathematical Sciences; also Professor; Civil and Environmental Engineering. Probability models, civil engineering systems, management science.

JOHN S. YING, Ph.D. (California, Berkeley), Associate Professor; Economics. Economic theory and industrial organization.

Plant and Soil Sciences

DONALD L. SPARKS, Ph.D. (Virginia Tech), Distinguished Professor and Chair; also Professor; Civil and Environmental Engineering and Professor; Chemistry and Biochemistry. Soil and environmental chemistry.

SUSAN S. BARTON, M.S. (North Carolina State), Horticulture Specialist.

ROBERT B. CARROLL, Ph.D. (Penn State), Professor; Plant pathology.

THOMAS A. EVANS, Ph.D. (Michigan State), Associate Professor; Vegetable pathology.

JOHN J. FRETT, Ph.D. (Georgia), Professor; Ornamental horticulture.

DAVID R. FREY, Ph.D. (Delaware), Associate Professor; Ornamental horticulture.

HUGH FRICK, Ph.D. (SUNY, Stony Brook), Associate Professor; Plant physiology.

JEFFRY J. FUHRMANN, Ph.D. (North Carolina State), Professor; Soil microbiology.

CAROLINE M. GOLT, B.S. (Delaware), Research Associate III.

JAMES A. HAWK, Ph.D. (Cornell), Professor; Plant breeding and genetics.

GERALD J. HENDRICKS, B.S. (Delaware), Research Associate II.

YAN JIN, Ph.D. (California, Riverside), Assistant Professor; Environmental soil physics.

W. ED KEE, Jr., M.S. (Delaware), Vegetable Crops Specialist.

SHERRI L. KITTO, Ph.D. (Purdue), Professor; Ornamental horticulture.

BERTRAND LEMIEUX, Ph.D. (Laval), Professor; Plant biology.

ROBERT P. MULROONEY, M.S. (Delaware), Plant Pathology Specialist/Agricultural Agent.

CATHERINE OLSON, M.S. (Delaware), Soil Test Analyst.

MARIA PAULTER, M.S. (Delaware), Research Associate II.

WALLACE G. PILL, Ph.D. (Missouri), Professor; Horticulture.

THOMPSON D. PIZZOLATO, Ph.D. (Miami University), Professor. Anatomy and morphology.

MARK RADOSEVICH, Ph.D. (Ohio State), Associate Professor; Environmental soil biochemistry.

KAREN SCHILKE-GARTLEY, M.S. (Delaware), Program Coordinator, Soil Testing.

ALLAN D. SHAPIRO, Ph.D. (Stanford), Assistant Professor; Plant biology.

J. THOMAS SIMS, Ph.D. (Michigan State), Professor; Soil chemistry and management.

JAMES E. SWASEY, Ph.D. (Maryland), Professor and Coordinator of Longwood Graduate Program: Ornamental horticulture.

RICHARD W. TAYLOR, Ph.D. (Connecticut), Agronomy Specialist.

ROBERT UNIATOWSKI, B.S. (Delaware), Field Crops Associate.

MARK VAN GESSEL, Ph.D. (North Carolina State), Associate Professor; Weed science.

BRUCE L. VASILAS, Ph.D. (Minnesota), Professor; Soil and crop management.

TECKLEMARIAM WELDEKIDAN, M.S. (Delaware), Research Associate III.

DARYL F. WHITINGTON, M.S. (North Carolina State), Research Associate II.

Joint and Adjunct Appointments


COLLEGE OF ARTS AND SCIENCE

Office of the Dean

THOMAS M. DILORENZO, Ph.D. (West Virginia), Dean, also Professor; Psychology.

JAMA M. ALLEGRETTO, M.Ed. (Delaware), Administrative Academic Advisor.

KATHLEEN A. BIEKER, M.A. (Central Michigan), Assistant Dean, Parallel Program, Dover Campus.

D. HEYWARD BROCK, Ph.D. (Kansas), Senior Associate Dean; also Professor; English.

RAYMOND A. CALLAHAN, Ph.D. (Harvard), Associate Dean for Outreach; also Professor; History.

PATRICIA S. DOREY, B.S. (Salisbury), Assistant Dean, Parallel Program, Georgetown Campus.

RENEE FISHER, M.Ed. (Pennsylvania), Administrative Academic Advisor.

LISA HUBER, B.S. (Delaware), Executive Assistant to the Dean for Fiscal Affairs.

PATRICIA JEFFERY, M.A. (Delaware), Administrative Academic Advisor.

CATHERINE McLAUGHLIN, M.A. (Delaware), Administrative Academic Advisor.

CYNTHIA SHENKLE, M.Ed. (Delaware), Administrative Academic Advisor.

MICHAEL STOKES, M.Ed. (Buffalo), Assistant Dean.

HELEN EASTERLING WILLIAMS, M.S. (Towson State), Assistant Dean, Parallel Program, Wilmington Campus.

ANN WOLFER, M.Ed. (Delaware), Administrative Academic Advisor.

WILLIAM W. ZAGAR, M.Ed. (Delaware), Administrative Academic Advisor.

IRENE ZYCH, M.S. (Delaware), Interim Assistant Dean.

Anthropology

JUAN A. VILLAMARIN, Ph.D. (Brandeis), Associate Professor and Chair.

KENNETH J. ACKERMAN, Ph.D. (Pennsylvania), Associate Professor.

DONNA M. BUDANI, M.S. (American), Assistant Professor.

JAY F. CUSTER, Ph.D. (Catholic University of America) Professor.

LuANN DeCUNZO (Pennsylvania), Associate Professor; also Associate Professor; Winterthur Program in Early American Culture.

THOMAS R. ROCEK, Ph.D. (Michigan), Associate Professor.

PETER G. ROE, Ph.D. (Illinois), Professor.

KAREN R. ROSENBERG Ph.D. (Michigan), Associate Professor.

NORMAN B. SCHWARTZ, Ph.D. (Pennsylvania), Professor.

PETER M. WEIL, Ph.D. (Oregon), Associate Professor.

Art

MARTHA L. CAROTHERS, M.FA (Penn State), Professor and Chair: Visual communications.

RANDALL C. BOLTON, M.FA (Ohio State), Associate Professor; Printmaking.
FACULTY AND PROFESSIONAL STAFF

KAREN S. BUTLER, M.F.A. (Rhode Island School of Design), Assistant Professor: Foundations and contemporary issues.
LARRY W. HOLMES, M.F.A. (Cranbrook Academy of Fine Arts), Professor: Painting.
VERA E. KAMINSKI, M.F.A. (Maryland Institute College of Art), Associate Professor: Fibers.
ROSEMARY LANE, M.F.A. (Oregon) Professor: Printmaking.
RENE MARQUEZ, M.F.A. (University of Pennsylvania), Assistant Professor: Drawing.
RAYMOND D. NICHOLS, M.F.A. (Louisiana Tech), Professor: Visual communications.
ROBYN PHILLIPS-PENDLETON, M.F.A. (Syracuse), Assistant Professor: Illustration.
PRISCILLA SMITH, M.F.A. (Illinois), Associate Professor: Photography.
VICTOR SPINSKI, M.F.A. (Indiana), Professor: Ceramics.
ROBERT STRAIGHT, M.F.A. (Cranbrook Academy of Fine Arts), Professor: Painting.
STEPHEN G. TANIS, M.F.A. (Cranbrook Academy of Fine Arts), Professor: Photography.
JOHN J. WEISS, M.F.A. (Rhode Island School of Design), Professor: Photography.

Joint and Adjunct Appointments

Art Conservation: HILTON BROWN

University Gallery. BELENA S. CHAP."
RONALD H. KARLSON, Ph.D. (Duke), Professor. Population and community ecology.

ROBERT B. KETCHAM, Ph.D. (Delaware), Laboratory Coordinator.

GARY H. LAVERY, Ph.D. (Connecticut), Associate Professor and Program Director, Integrative Biology. Renal physiology.

JOHN MCDONALD, Ph.D. (SUNY, Stony Brook), Associate Professor. Evolutionary genetics.

GEORGE R. MOLLOY, Ph.D. (Virginia Tech), Associate Professor. Cell and molecular biology.

ULHAS NAIK, Ph.D. (University of Bombay), Assistant Professor. Cell adhesion and signaling.

JANE NOBLE-HARVEY, Ph.D. (California, San Francisco), Associate Professor. Infectious diseases, human cancer, and cell biology.

JACQUES J. PENE, Ph.D. (California, Los Angeles), Associate Professor; also Associate Professor, Chemistry and Biochemistry. Molecular genetics.

CARLOS R. PLA-PLATAMAN, M.D. (Guadalajara, Mexico), Ph.D. (Kyushu, Japan), Professor. Neurophysiology, neuroimmunology, and behavioral neuroscience.

FLORENCE I. SCHMIEG, Ph.D. (Delaware), Assistant Professor. Molecular biology, cancer mechanisms, science education.

DAVID E. SHEPPARD, Ph.D. (Johns Hopkins), Associate Professor. Microbial genetics.

DANIEL T. SIMMONS, Ph.D. (Cal. Tech.), Professor and Program Director, Molecular Biology. Virology, molecular biology.

RIVERS SINGLETOR, JR., Ph.D. (Kansas), Associate Professor, also Associate Professor, English. Microbial physiology and biochemistry, history of biochemistry.

STEVEN D. SOKOPIK, Ph.D. (Princeton), Professor. Comparative physiology.

AMY T. SMITH, Ph.D. (University of Delaware), Assistant Professor. Bioclimatology and environmental biology.

DAVID W. SMITH, Ph.D. (Wisconsin), Associate Professor. Microbial ecology.

DAVID G. SPERRY, Ph.D. (Chicago), Associate Professor. Developmental anatomy.

MILTON H. STETSON, Ph.D. (Washington), Professor. Comparative endocrinology, reproductive physiology.

MALCOLM H. TAYLOR, Ph.D. (Johns Hopkins), Associate Professor: also Associate Professor, College of Marine Studies: Environmental physiology, fish reproduction.

DAVID C. USHER, Ph.D. (Iowa), Associate Professor. Immunogenetics.

ROGER C. WAGNER, Ph.D. (Minnesota), Professor. Cell biology.

PATTY JARIS, Ph.D. (Minnesota), Assistant Professor.

JOINT APPOINTMENTS

Animal and Food Sciences. ROBIN W. MORGAN, JOAN BURNSIDE.

Entomology and Applied Ecology. DOUGLAS W. TALLAMY, THOMAS K. WOOD.

Marine Studies. KENT S. PRICE.

Psychology. SEYMOUR LEVINE, DAVID P.M. NORTHMORE.

University Parallel Program. LAWRENCE A. CURTIS, KENNETH A. PARSONS, SHARON S. TUCKER.

BLACK AMERICAN STUDIES

CAROLE C. MARKS, Ph.D. (New York University), Director and Professor, also Professor, Sociology and Criminal Justice.

HOWARD B. JOHNSON, Ph.D. (Oxford), Professor; also Professor, History.

JAMES E. NEWTON, Ed.D. (Illinois), Professor.

CHEMISTRY AND BIOCHEMISTRY

STEVEN D. BROWN, Ph.D. (Washington), Professor and Chair. Analytical chemistry.

JOHN L. BURMEISTER, Ph.D. (Northwestern), Alumni Distinguished Professor and Associate Chair for Undergraduate Studies. Inorganic chemistry.

MURRAY V. JOHNSTON, Ph.D. (Wisconsin-Madison), Professor and Associate Chair for Graduate Studies. Analytical chemistry.

ROBERT D. BACH, Ph.D. (M.I.T.), Research Professor. Organic chemistry.

BRIAN J. BAHNSON, Ph.D. (Brown), Assistant Professor. Biochemistry.

SHI BAL, Ph.D. (Utah), NMR Spectroscopist.

THOMAS R. BRILL, Ph.D. (Minnesota), Professor. Inorganic chemistry.

JOHN E. BULKOWSKI, Ph.D. (Carnegie-Mellon), Associate Professor. Inorganic chemistry.

DANA S. CHATELLIER, M.A. (Delaware), Education Specialist.

JUNGHUEI CHEN, Ph.D. (New York), Assistant Professor. Biochemistry.

ROBERTA F. COLMAN, Ph.D. (Harvard), Professor. Biochemistry.

DON DENNIS, Ph.D. (Brandeis), Professor. Biochemistry.

DOUGLAS J. DOREN, Ph.D. (Harvard), Professor. Physical chemistry.

Cecil R. D'YBOWSKY, Ph.D. (Texas), Professor. Physical chemistry.

DENNIS H. EVANS, Ph.D. (Harvard), Professor. Analytical chemistry.

P. ANDREW EVANS, Ph.D. (Cambridge), Associate Professor. Organic chemistry.

SUSAN E. GROH, Ph.D. (Stanford), Assistant Professor. Inorganic chemistry.

MAHENDRA K. JAIN, Ph.D. (Weizmann Institute, Israel), Professor. Biochemistry.

JOHN T. KOH, Ph.D. (Columbia), Assistant Professor. Organic chemistry.

EUGENE G. MUELLER, Ph.D. (Harvard), Assistant Professor. Biochemistry.

BURNABY MUNSON, Ph.D. (Texas), Professor. Analytical chemistry.

SHARON NEAL, Ph.D. (Emory University), Associate Professor. Analytical chemistry.

GORDON R. NICOL, Ph.D. (Alberta), Mass Spectrometrist.

GEORGE J. REILLY, Ph.D. (Massachusetts), Assistant Professor. Organic chemistry.

ARNOLD L. RHEINGOLD, Ph.D. (Maryland), Professor. Inorganic chemistry.

DOUGLAS P. RIDGE, Ph.D. (Harvard), Professor. Physical chemistry.

CHARLES G. RIORDAN, Ph.D. (Texas A&M), Associate Professor. Inorganic chemistry.

KATHRYN CLARE SCANTLEBURY, Ph.D. (Purdue), Associate Professor; also Associate Professor, Education; also Secondary Education Coordinator. Chemical education, science.

MELVYN D. SHIHAVELI, Ph.D. (California, Berkeley), Professor, also Provost of the University. Organic chemistry.

DOUGLAS F. TAPER, Ph.D. (California), Professor. Organic chemistry.

ANDREW TEPLYAKOV, Ph.D. (Columbia), Assistant Professor. Physical chemistry.

KLAUS H. THEOPOLD, Ph.D., (California, Berkeley), Professor. Inorganic chemistry.

COLIN THORPE, Ph.D. (University of Kent, Canterbury), Professor. Biochemistry.

HAROLD B. WITHE III, Ph.D. (Brandeis), Professor. Biochemistry.

MARY J. WIRTH, Ph.D. (Purdue), Professor. Analytical chemistry.

ROBERT H. WOOD, Ph.D. (California, Berkeley), Professor. Physical chemistry.

JOINT AND ADJUNCT APPOINTMENTS

Animal Science and Agricultural Biochemistry. ROBIN W. MORGAN.

Biological Sciences. DANIEL T. SIMMONS.

Chemical Engineering. MARK A. BARTAU, HENRY C. FOLEY, STANLEY I. SANDLER.

Marine Studies. THOMAS M. CHURCH, GEORGE W. LUTHER, III.

Physics and Astronomy. KRYSZTOF ZALEWSKI.

Plant and Soil Sciences. DONALD L. SPARKS.

Adjunct Faculty. STEPHEN L. BRENNER, PH.D.; JACQUES P. FRAISSARD, PH.D.; RICHARD HARLOW, PH.D.; LEO E. MANZER, PH.D.
Cognitive Science

BARBARA LANDAU, Ph.D. (Pennsylvania), Director; also Professor, Psychology and Professor, Linguistics. Spatial knowledge, language learning, naming and object recognition.

BRIAN P. ACKERMAN, Ph.D. (SUNY), Professor, Psychology, also Professor, Linguistics. Developmental risk and family ethnotheory.

FREDERICK ADAMS, Ph.D. (Wisconsin), Professor and Chair, Philosophy: Epistemology, intentional action, belief ascription.

MARK AMSLER, Ph.D. (Ohio State), Professor, English; also Professor, Linguistics: Semiotics, history of linguistics.

LOUIS ARENA, Ph.D. (Georgetown), Associate Professor, Linguistics; also Associate Professor, English: Applied linguistics, ESL, composition, Japanese.

CYNTHIA BROWN, Ph.D. (McGill), Assistant Professor, Linguistics: Phonology, language acquisition, speech perception.

SANDRA CARBERRY, Ph.D. (Delaware), Professor and Chair, Computer and Information Sciences; also Professor, Linguistics: Artificial intelligence, natural language processing.

JOHN CASE, Ph.D. (Illinois), Professor, Computer and Information Sciences: Computational learning theory, recursive function theory.

DANIEL CHESTER, Ph.D. (California, Berkeley), Associate Professor, Computer and Information Sciences; also Associate Professor, Linguistics: Artificial intelligence, natural language processing.

PETER COLE, Ph.D. (Illinois), Professor, Linguistics: Syntax, semantics, Quecha, Hebrew, Chinese.

RALPH FERRETTI, Ph.D. (Alabama), Professor, Education, also Professor, Psychology: Argument and ill-defined problems.

BRUCE FINNIE, Ph.D. (Ohio State), Associate Professor, English; also Associate Professor, Linguistics: History of English, American dialects, English dictionaries.

WILLIAM FRAWLEY, Ph.D. (Northwestern), Professor, also Professor and Chair, Linguistics and Professor, English: Semantics, psycholinguistics, lexicography.

ROBERTA GOLINKOFF, Ph.D. (Cornell), H. Rodney Sharp Professor, Education, H. Rodney Sharp Professor, Linguistics; and H. Rodney Sharp Professor, Psychology: Language acquisition and cognitive development.

GABRIELLA HERMON, Ph.D. (Illinois), Associate Professor, Education; also Associate Professor, Linguistics: Syntax, language acquisition, bilingualism.

JAMES HIEBERT, Ph.D. (Wisconsin), H. Rodney Sharp Professor, Education: Mathematics learning and teaching.

JAMES HOFFMAN, Ph.D. (Illinois), Professor, Psychology: Visual attention, event-related brain potentials, human factors.

WILLIAM IDSARDI, Ph.D. (M.I.T.), Associate Professor, Linguistics: Phonology, phonetics, morphology.

HELENE INTRAUB, Ph.D. (Brandeis), Professor, Psychology: Scene perception, visuo-spatial memory, pictorial representation.

SEYMOUR LEVINE, Ph.D. (New York University), Research Professor, Psychology; also Director, Neuroscience Program: Developmental psychology, neuropsychology.

FREDERICK MASTERS, Ph.D. (Princeton), Professor, Psychology: Animal learning, artificial intelligence, mathematical psychology.

KATHLEEN McCoy, Ph.D. (Pennsylvania), Associate Professor, Computer and Information Sciences; also Associate Professor, Linguistics: Artificial intelligence, natural language processing.

JOHN MCLAUGHLIN, Ph.D. (New York University), Associate Professor, Psychology: Aesthetics, perception, memory.

LUDWIG MOSBERG, Ph.D. (California, Los Angeles), Associate Professor, Education; also Associate Professor, Linguistics: Information processing, language comprehension and memory.

FRANK MURRAY, Ph.D. (Johns Hopkins), H. Rodney Sharp Professor, Education; also H. Rodney Sharp Professor, Psychology: Children's cognitive development, educational policy.

DAVID NORTHMORE, Ph.D. (Sussex, England), Associate Professor, Psychology: Neurophysiology of vision and visual development.

COLIN PHILLIPS, Ph.D. (M.I.T.), Assistant Professor, Linguistics: Syntax, language processing and acquisition, neurolinguistics.

JOEL PUST, Ph.D. (Arizona), Assistant Professor, Psychology: Philosophy of mind, epistemology.

EVELYN SATINOFF, Ph.D. (Pennsylvania), Professor and Chair, Philosophy: Neural integration of sleep, circadian rhythms, thermoregulation.

NANCY SCHWEDA-NICHOLSON, Ph.D. (Georgetown), Professor, Linguistics: Interpretation, bilingualism, French.

THOMAS SCOTT, Ph.D. (Duke), Professor, Psychology: Taste, eating, neuroscience, sensory systems.

SATOSHI TOMIOKA, Ph.D. (Massachusetts), Assistant Professor, Linguistics: Semantics, syntax, East Asian languages.

RICHARD VENEZKY, Ph.D. (Stanford), Unidel Professor, Education, also Unidel Professor, Computer and Information Sciences and Unidel Professor, Linguistics: Writing systems, natural language processing, literacy.

K. VIYASHANKER, Ph.D. (Pennsylvania), Associate Professor, Computer and Information Sciences; also Associate Professor, Linguistics: Artificial intelligence, natural language processing.

IRENE VOGEL, Ph.D. (Stanford), Associate Professor, Linguistics: Phonology, morphology.

JOHN WHALEN, Ph.D. (Johns Hopkins), Assistant Professor, Psychology: Numerical cognition, neuroscientific approaches to cognition.

Joint and Adjunct Appointments

Applied Science and Engineering Laboratory: H. TIMOTHY BUNNELL, BETH A. MINEO

Communication

JOHN A. COURTRIGHT, Ph.D. (Iowa), Professor and Chair: Interpersonal communication, statistics and research methodology, multi-media presentation technology.

RALPH BEGLEITER, M.A. (Columbia), Distinguished Journalist in Residence; also Distinguished Journalist in Residence, English and Political Science and International Relations.

SHEILA C. CRIFASI, M.A. (Boston), Instructor: Public relations.

JULIET L. DEE, Ph.D (Temple), Associate Professor: Mass communication, mass media law.

BETTY J. HASLETT, Ph.D. (Minnesota), Professor, also Professor, Psychology and Director, Women's Studies: Conversational analysis, psychology and sociology of language, communication theory, organizational culture.

ASCAN F. KOERNER, Ph.D. (University of Wisconsin), Assistant Professor: Interpersonal communication.

DOUGLAS McLEOD, Ph.D (Minnesota), Associate Professor: Mass communication theory and methodology.

CHARLES PAVITT, Ph.D (Wisconsin), Associate Professor: Communication theory, interpersonal and small group communication, language.

ELIZABETH M. PERSE, Ph.D. (Kent State), Associate Professor: Uses and effects of mass media, interface of personal and mediated communication.

WENDY SAMTER, Ph.D. (Purdue), Associate Professor: Interpersonal communication and social development.

NANCY SIGNORIELLI, Ph.D. (Pennsylvania), Professor: Mass communication, media effects, media and children, television and conceptions of social reality.

ROBIN VAGENAS, MA (Delaware), Instructor: Oral communication, multi-media presentation.

Adjunct Appointment

Student Life: CHARLES L. TARVER, M.A.

Comparative Literature

NICHOLAS P. GROSS, Ph.D. (North Carolina), Associate Professor and Coordinator, also Associate Professor, Foreign Languages and Literatures.
THEODORE D. BRAIN, Ph.D. (California, Berkeley), Professor, also Professor, Foreign Languages and Literatures.

ROGER L. COX, Ph.D. (Columbia) Professor, also Professor, English.

JAY L. HALIO, Ph.D. (Yale), Professor, also Professor, English and Theatre.

JUDY P. MCLAUGHLIN, Ph.D. (North Carolina), Associate Professor, also Associate Professor, Foreign Languages and Literatures.

ELLEN I. PIFER, Ph.D., (California, Berkeley), Professor, also Professor, English.

ADARSHPAL S. SETHI, Ph.D. (Indian Institute of Technology, Kanpur), Professor, also Professor, Mathematical Sciences.

ERROL B. DAVID SAUNDERS, Ph.D. (Wisconsin), Professor, also Professor, Linguistics, and Professor, Foreign Languages and Literatures.

CHANDRA KAMBHAMETTU, Ph.D. (South Florida), Professor, also Professor, Computer Science.

DANIEL KEITH S. DECKER, Ph.D. (Massachusetts), Professor, also Professor, Linguistics, and Professor, Foreign Languages and Literatures.

GEORGE COLLINS, Ph.D. (Cornell), Research Professor, Computer Science.

PAUL D. AMER, Ph.D. (Ohio State), Professor, also Professor, Electrical and Computer Engineering.

NAN MCKAY JENKINS, Ph.D. (Princeton), Associate Professor, Compiler optimizations, interprocedural analysis, software development tools, compiling for advanced architectures, parallel and distributed systems, programming languages.

M. SANDRA CARBERRY, Ph.D. (Delaware), Professor and Chair, also Professor, Linguistics: Artificial intelligence, natural language understanding and generation, intelligent interfaces, user modeling.

RALPH AGRAWAL, Ph.D. (Maryland), Assistant Professor, Compiler optimizations, interprocedural analysis, software development tools, compiling for advanced architectures, parallel and distributed systems, programming languages.

RICHARD A. ALBRIGHT, Ph.D. (Delaware), Associate to the Chair.

JUDY P. MCLAUGHLIN, Ph.D. (North Carolina), Associate Professor, also Professor, English and Theatre.

ROBERT A. DAY, M.A. (Columbia), Professor.

ALFRED R. WEDEL, Ph.D. (Pennsylvania), Associate Professor, also Professor, Linguistics, and Professor, Foreign Languages and Literatures.

Computer and Information Sciences

LORI L. POLLOCK, Ph.D. (Pittsburgh), Associate Professor: Compiler construction, code optimization, software development tools, parallel computing.

JONATHAN S. GROSSMAN, Ph.D., (Pennsylvania), Assistant Professor: Compiler optimizations, interprocedural analysis, software development tools, compiling for advanced architectures, parallel and distributed systems, programming languages.

RICHARD A. DAVIDSON, Ph.D. (Wisconsin), Professor, American literature.

CARL DAWSON, Ph.D. (Columbia), Professor: Nineteenth-century literature, autobiography.

PETER FENG, Ph.D. (Iowa), Assistant Professor: Asian-American film studies.

J. DENNIS JACKSON, Ph.D. (Arkansas), Assistant Professor: Shakespearean literature.

M. LOUIS DEAN, Ph.D. (Johns Hopkins), Professor: Jewish Studies Program.

KATHERINE M. FWA, Ph.D. (Texas), Professor: Native American literature.

KAPLAN, M.F.A (Iowa), Associate Professor: Creative writing (fiction).

JOSEPH A. BENNETT, Ph.D. (Stanford), Associate Professor: Renaissance literature.

ROBERT A. DAY, M.A. (Columbia), Professor.

ROBERT B. BENNETT, Ph.D. (Stanford), Associate Professor: Renaissance literature.

ROBERT B. BETHKE, Ph.D. (Pennsylvania), Associate Professor: Modern literature.

D. HEYWARD BROCK, Ph.D. (Kansas), Professor, also Senior Associate Dean, College of Arts and Science.

ROBERT A. DAY, M.A. (Columbia), Professor.

MICHAEL A. COTSELI, Ph.D. (Birmingham), Associate Professor: Victorian literature.

DANIEL L. CHESTER, Ph.D. (California, Berkeley), Associate Professor, also Associate Professor, Linguistics: Artificial intelligence, natural language processing, theorem proving, knowledge representation.

JOAN DELFIATTORO, Ph.D. (Penn State), Professor, Literature and pedagogy.

ERROL B. SAUNDERS, Ph.D. (Wisconsin), Associate Professor: Artificial intelligence, natural language understanding and generation, intelligent interfaces, user modeling.

EXHIBITORS, Ph.D. (Yale), Professor, also Professor, Linguistics: Artificial intelligence, natural language understanding and generation, intelligent interfaces, user modeling.

JEFFREY A. MOSHER, Ph.D. (Cambridge), Associate Professor: Artificial intelligence, natural language understanding and generation, intelligent interfaces, user modeling.

ROBERT A. DAY, M.A. (Columbia), Professor.

JOAN DELFIATTORO, Ph.D. (Penn State), Professor, Literature and pedagogy.

KEITH S. DECKER, Ph.D. (Massachusetts), Assistant Professor: Distributed and real-time problem solving, multi-agent systems, communication organization design, concurrent engineering, parallel and distributed planning and scheduling, distributed information gathering.

CHANDRA KAMBHAMETTU, Ph.D. (South Florida), Assistant Professor: Computer vision, image processing, computer graphics and multimedia.

B. S. LLOYD, Ph.D. (M.I.T.), Professor: Design and analysis of algorithms.

KATHLEEN P. McCARREY, Ph.D. (Pennsylvania), Associate Professor, also Associate Professor, Linguistics: Artificial intelligence, natural language generation and understanding, knowledge representation.

LORI L. POLLOCK, Ph.D. (Pittsburgh), Associate Professor: Compiler construction, code optimization, software development tools, parallel computing.

B. DAVID SAUNDERS, Ph.D. (Wisconsin), Associate Professor, also Associate Professor, Mathematical Sciences: Computer algebra, analysis of algorithms, parallel computation.

TUNCAY SAYDAH, Ph.D. (Istanbul Technical University), Professor: Computer networks, network management and control, congestion control, real-time protocols, distributed systems, performance modeling.

ADARSHPAL S. SETHI, Ph.D. (Indian Institute of Technology, Kanpur), Associate Professor: Computer networks, network management and control, congestion control, real-time protocols, distributed systems, performance modeling.

CHEN-HUNG HAI, Ph.D. (UCLA), Assistant Professor: Network control and management, distributed object computing, distributed simulation.

K. VIJAYASHANKER, Ph.D. (Pennsylvania), Associate Professor: Artificial intelligence, natural language processing, unification-based grammatical systems, knowledge-representation languages.

DAVID WOOD, Ph.D. (Rhode Island), Research Associate Professor: Computer algebra, analysis of algorithms.
KEVIN J. KERRANE, Ph.D (North Carolina), Professor: Drama, literary criticism.

MATTHEW KINSERVIK, Ph.D (Pennsylvania State), Assistant Professor: Eighteenth-century British literature.

THOMAS LEFTCH, Ph.D (Yale), Professor: Literary theory.

I A. LEO LEMAY, Ph.D (Pennsylvania), Wintertur Professor: American literature.

DONALD C. MELL, Ph.D (Pennsylvania), Professor: Eighteenth-century literature.

GEORGE MILLER, Ph.D (Connecticut), Professor: Seventeenth-century literature, bibliography.

CLYDE A. MONEYHUN, Ph.D (Arizona), Assistant Professor; also Director, University Writing Center.

THOMAS H. PAULY, Ph.D (California, Berkeley), Professor: American literature.

JEANNE PFAELZER, Ph.D (University of London), Professor; also Director, Writing Fellows Program, University Honors Program: Feminist theory.

ELLEN J. PIFER, Ph.D (California, Berkeley), Professor; also Professor, Comparative Literature: Modern literature, novel.

KRISTEN E. POOLE, Ph.D (Harvard), Assistant Professor: Renaissance literature.

LOIS D. POTTER, Ph.D (Giron College at Cambridge), Ned B. Allen Professor: Renaissance literature.

ALVINA E. QUINTANA, Ph.D (California, Santa Cruz), Associate Professor: Multicultural studies, women’s literature.

MICHAEL P. REWA, Ph.D (Stanford), Associate Professor: Eighteenth-century literature.

MARY P. RICHARDS, Ph.D (Wisconsin), Professor: Anglo Saxon and medieval literature.

CHARLES E. ROBINSON, Ph.D (Temple), Professor: Romantic literature.

HARRIS E. ROSS, Ph.D (Arkansas), Associate Professor.

GIBBONS RUARK, M.A (Massachusetts), Professor: Creative writing (poetry).

ELAINE B. SAFER, Ph.D (Case-Western), Professor: Seventeenth-century literature, the novel.

BONNIE KIME SCOTT, Ph.D (North Carolina), Professor: Irish literature, feminist theory, modern literature.

CRUCE STARK, Ph.D (Harvard), Professor: American literature.

JEANNE MURRAY WALKER, Ph.D (Pennsylvania), Professor: Creative writing, children’s literature.

REBECCA WORLEY, M.A (Delaware), Instructor.

BEN YAGODA, M.A (Pennsylvania), Associate Professor.

JULIAN D. YATES, Ph.D (UCLA), Assistant Professor: Renaissance literature.

Joint and Adjunct Appointments

Biological Sciences: RIVERS SINGLETON

Communication: RALPH BEGLEITER

Linguistics: LOUISE ARENA, WILLIAM FRAWLEY

Adjunct Faculty: HORST ARNDT, Ph.D • WERNER ENNINGER, Ph.D.

Foreign Languages and Literatures

RICHARD A. ZIPSER, Ph.D (Yale), Professor and Chair: German.

SUSAN A. AMERT, Ph.D (Yale), Associate Professor: Russian.

RUTH J. BELL, M.A (Marquette), Instructor: Spanish.

ANNA BERGSTROM, Ph.D (Penn State), Assistant Professor: French and comparative literature.

THEODORE E. D. BRAUN, Ph.D (California, Berkeley), Professor: French and comparative literature.

COURTNEY BRADLEY, M.A (Delaware), Instructor: Spanish.

JOAN L. BROWN, Ph.D (Pennsylvania), Elias AhuJA Professor: Spanish.

HANS-JOERG BUSCH, Ph.D (Leipzig), Assistant Professor: Spanish.

IRIS BUSCH, Ph.D (Leipzig), Assistant Professor: German and Spanish.

ALICE K. CATALDI, M.A (Connecticut), Instructor: French.

JUDY A. CELLI, M.A (Delaware), Instructor: French.

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MILLICENT A. BOLDEN, Ph.D (North Carolina), Assistant Professor: Spanish.

DONNA COULET DU GARD, M.A (Delaware), Instructor: French.

JORGE H. CUBILLOS, Ph.D (Penn State), Assistant Professor: Spanish.

JAMES DeJONG, M.A (Delaware), Instructor: Spanish.

IVO DOMINGUEZ, Ph.D (Florida State), Associate Professor: Spanish.

MARY P. DONALDSON- EVANS, Ph.D (Pennsylvania), Professor: French.

R. GARY FERGUSON, Ph.D (Durham, England), Associate Professor: French.

GABRIELLA FINZIO, D.M.L (Middlebury), Assistant Professor: Italian.

CARMEN FINNICUM, M.A (Delaware), Instructor: Spanish.

ANNETTE L. GIESER, Ph.D (Harvard University), Assistant Professor: Classics.

JENNIFER GIULIANI, M.A (Delaware), Instructor: Spanish.

LEE T. GLEN, Ph.D (Pennsylvania), Assistant Professor: Spanish.

NICOLAS P. GROSS, Ph.D (North Carolina), Associate Professor: Classics and comparative literature.

LYSETTE P. HALL, M.A (Paris XIV), Instructor: French.

CRISTA J. JOHNSON, M.A. (Delaware), Instructor: Spanish.

THOMAS A. LATHROP, Ph.D (California, Los Angeles), Professor: Spanish.

ALEXANDER LEHRMAN, Ph.D (Yale), Associate Professor: Russian.

LAWRENCE E. MARCEAU, Ph.D (Harvard), Associate Professor: Japanese.

AMERICA MARTINEZ-LEWIS, Ph.D (Illinois, Urbana-Champaign), Assistant Professor: Spanish.

THOMAS V. McCONA, Ph.D (Delaware), Director, Media Center and Associate Professor: Spanish.

JUDY B. McKNIE, Ph.D (North Carolina), Associate Professor: Spanish and comparative literature.

SUSAN M. McKENNA, Ph.D (Indiana), Assistant Professor: Spanish.

MARK MILLER, Ph.D (Delaware), Assistant Professor: Japanese.

KRYSTYNA P. MUSIK, M.A (Houston) and M.A (Delaware), Instructor: Spanish.

NANCY NOBLE, Ph.D (Johns Hopkins), Associate Professor: German.

FLORA M. POINDEXTER, M.A. (Delaware), Instructor: French.

WILLY RIEMER, Ph.D (Yale), Associate Professor: German.

BONNIE A. ROBB, Ph.D (Bryn Mawr), Associate Professor: French.

EUNHEE C. ROTH, M.A (Nagoya), Instructor: Japanese.

RICCARDA SAGGESE, M.A (Naples), Instructor: Italian.

LAURA A. SALISNI, Ph.D (Indiana), Assistant Professor: Italian.

CYNTHIA SCHMIDT-CRUZ, Ph.D (Wisconsin), Assistant Professor: Spanish.

ALEXANDER R. SELIMOV, Ph.D (Pennsylvania), Assistant Professor: Spanish.

MONIKA SHAH, Ph.D (Maryland), Professor: German.

RAE STABOSZ, B.A. (Illinois), Assistant Director, Media Center.

DEBORAH B. STEINBERGER, Ph.D (New York), Assistant Professor: French and comparative literature.

DAVID L. STIXKREUDE, Ph.D (Princeton), Associate Professor: Spanish.

BRUNO THIBAUD, Ph.D (Paris X) and Ph.D (Maryland), Associate Professor: French.

ELIZABETH K. THIBAUD, M.A. (Maryland), Instructor: German.

SUZANNE TIERNEY-GULA, M.A (Delaware), Instructor: Spanish.

BARBARA L. TOCCAFONDI, M.A (Middlebury), Instructor: French.

AMALIA C. VETTA, M.A. (Delaware), Instructor: Spanish.

BARBARA B. WARE, M.A (Delaware), Instructor: Spanish.

ALFRED R. WEDL, Ph.D (Pennsylvania), Professor: German and Spanish.
Geography

CORT J. WILLMOTT, Ph.D. (California, Los Angeles). Professor and Chair, also Professor; College of Marine Studies: Climatology, quantitative methods.

BRIAN HANSON, Ph.D. (Minnesota). Associate Professor and Associate Chair; Climate dynamics, glaciology, numerical modeling.

EDMUND V. BUNKSE, Ph.D. (California, Berkeley). Associate Professor; Cultural geography, history of ideas, urban-cultural geography, Baltic Sea region.

TRACY L. DeLIBERTY, Ph.D. (Oklahoma). Assistant Professor; Geographical information systems, climatology, remote sensing.

LAURENCE S. KALKSTEIN, Ph.D. (Louisiana State). Professor; Synoptic climatology, climate assessment, bioclimatology.

DANIEL J. LEATHERS, Ph.D. (Penn State). Associate Professor; Global climate variations, snow fall and snow cover, atmospheric dynamics.

THOMAS C. MEIERDING, Ph.D. (Colorado). Associate Professor; Climatic geomorphology, cartography, air photo interpretation.

FREDERICK E. NELSON, Ph.D. (Michigan). Professor; Permafrost, periglacial and climatic geomorphology, topoclimatology, quaternary paleoecology.

PETER W. REES, Ph.D. (California, Berkeley). Associate Professor; Urban geography historical-economic geography, Latin America, geographic education.

YDA SCHREUDER, Ph.D. (Wisconsin). Associate Professor, also Associate Professor; Urban Affairs and Public Policy: Historical, urban and economic geography, sustainable development.

APRIL R. VENESS, Ph.D. (Minnesota). Associate Professor, also Associate Professor; Urban Affairs and Public Policy: Urban/social, geography, minority problems and places, geographic thought.

Joint and Adjunct Appointments

Food and Resource Economics: JOHN E. A. MACKENZIE.

Marine Studies: VICTOR V. KLEMAS.

Urban Affairs and Public Policy: DAVID L. AMES

Adjunct Faculty: WILLIAM J. COHEN, M.A.

Geology

JOHN F. WEHMILLER, Ph.D. (Columbia). Professor and Chair; also Professor; College of Marine Studies: Organic geochemistry, Quaternary geochronology, coastal plain Quaternary stratigraphy.

BILLY P. GLASS, Ph.D. (Columbia). Professor, also Professor; College of Marine Studies: Marine geology, impact ejecta, paleomagnetism.

ROBERT R. JORDAN, Ph.D. (Byrn Mawr). Professor, also Director and State Geologist, Delaware Geological Survey: Sedimentary petrology, stratigraphy, Atlantic Coastal Plain.

JOHN C. KRAFT, Ph.D. (Minnesota). H. Fletcher Brown Professor; also H. Fletcher Brown Professor; Marine Studies: Holocene coastal sedimentology and micropaleontology, geoarchaeology, Ordovician ostracoda, petroleum geology.

PETER B. LEAVENS, Ph.D. (Harvard). Professor, also Curator; University Mineral Collection: Crystal structure analysis, systematic mineralogy, metacarbonates.

JOHN A. MADSEN, Ph.D. (Rhode Island). Associate Professor, also Associate Professor; College of Marine Studies: Marine geophysics, marine tectonics, environmental geophysics.

RONALD E. MARTIN, Ph.D. (California, Berkeley). Associate Professor, also Associate Professor; College of Marine Studies: Biostratigraphy, micropaleontology, paleoceanography, taphonomy, evolution and earth history.

SUSAN McGEARY, Ph.D. (Stanford). Associate Professor, also Associate Professor; College of Marine Studies: Continental lithospheric structure, seismic investigations of continental margins, environmental geophysics.

JAMES E. PIZZUTO, Ph.D. (Minnesota). Professor; Geomorphology, sedimentology.

ALLAN M. THOMPSON, Ph.D. (Brown). Associate Professor; Petrology, structural geology, sedimentology and paleoenvironmental analysis, tectonics.

Joint and Adjunct Appointments

Delaware Geological Survey: RICHARD N. BENSON

Marine Studies: RONALD J. GIBBS, WILLIAM J. ULLMAN

Adjunct Faculty: DAVID E. KRANTZ, Ph.D. • JOHN D. WIK, M.A., C.E.P.

History

CAROLE HABER, Ph.D. (Pennsylvania). Professor and Chair; U.S. history, social history, aging and medicine.

GUY ALCHEM, Ph.D. (Iowa). Associate Professor; Twentieth-century U.S., political economy.

SUZANNE AUSTIN ALCHEM, Ph.D. (Duke). Associate Professor and Coordinator, Latin American Studies Program: Latin American history.

DAVID F. ALLMENDINGER, JR., Ph.D. (Wisconsin). Professor; American social-cultural history, nineteenth-century U.S.

JOHN A. BERNSTEIN, Ph.D. (Harvard). Professor; European intellectual history.

ANNE M. BOYLAN, Ph.D. (Wisconsin). Associate Professor; U.S. social history, history of women.

JAMES M. BROPHY, Ph.D. (Indiana). Associate Professor; Modern Germany.

DANIEL F. CALLAHAN, Ph.D. (Wisconsin). Professor; Medieval Europe.

RAYMONT A. CALLAHAN, Ph.D. (Harvard). Professor, also Associate Dean for Outreach, College of Arts and Science: Military history, twentieth-century Britain.

JESUS CRUZ, Ph.D. (California, San Diego). Associate Professor; Iberian history.

JAMES C. CURTIS, Ph.D. (Northwestern). Professor and Director; Winterthur Program in Early American Culture: Material culture, visual history, documentary photography.

LAWRENCE G. DUGGAN, Ph.D. (Harvard). Professor; Renaissance and Reformation, medieval church.

GERALD FIAL, Ph.D. (Chicago). Assistant Professor; Japanese history.

J. RITCHIE GARRISON, Ph.D. (Pennsylvania). Associate Professor, also Associate Director; Museum Studies: 18th and 19th century U.S. history and material culture.

CHRISTINE L. HEYRMAN, Ph.D. (Yale). Professor; American Colonial history.

CAROL E. HOFFEKER, Ph.D. (Harvard). Richards Professor of History: State and local history, urban history.

JOHN J. HURT, Ph.D. (North Carolina). Associate Professor; Seventeenth- and eighteenth-century France.

RICHARD N. BENSON


WUNYABARI MALOBA, O.P.W., Ph.D. (Stanford). Associate Professor, also Coordinator; African Studies Program: African history.

CATHY MATSON, Ph.D. (Columbia). Associate Professor; American Colonial history.

RUDI MATTHEE, Ph.D. (California, Los Angeles). Associate Professor; Middle Eastern history.

GARY MAY, Ph.D. (California, Los Angeles). Professor; U.S. diplomatic relations, Chinese-American relations.

MARK W. McLEOD, Ph.D. (California, Los Angeles). Associate Professor; World history, Modern East and Southeast Asia.

DONALD H. MEYER, Ph.D. (California, Berkeley). Professor; American intellectual history.

ARWEIN MOHUN, Ph.D. (Case Western). Associate Professor; History of technology.

JOHN PATRICK MONTANO, Ph.D. (Harvard). Assistant Professor; Tudor-Stuart England, early English politics.

IOTHAM PARSONS, Ph.D. (Johns Hopkins). Assistant Professor; Early modern France, world history.

DAVID PONG, Ph.D. (London). Professor; also Coordinator, East Asian Studies Program: Modern China, modern East Asia, Chinese institutional history.

GLENN PORTER, Ph.D. (Johns Hopkins). Associate Professor, also Director; Hagley Museum and Library: Business history.
WILLIAM PULLIAM, Ph.D. (Illinois), Associate Professor; also Coordinator, Social Studies Education Program; History of curriculum development, European history.

DAVID R. SHEARER, Ph.D (Pennsylvania), Associate Professor, also Coordinator, University of Delaware - Hagley Program; European technology, Soviet history.

STEVEN E. SIDEBOTTOM, Ph.D. (Michigan), Professor; Greek and Roman history, classical archaeology.

BRYANT F. TOLLES, JR., Ph.D. (Boston), Associate Professor; also Director, Museum Studies and Interim Chair; Art Conservation; also Professor, Art History; 19th century U.S. history.

WILLIAM H. WILLIAMS, Ph.D (Delaware), Professor; also Southern Delaware Coordinator; Master of Arts in Liberal Studies Program; Early American social history.

RAYMOND B. WOLTERS, Ph.D. (California, Berkeley), Thomas Muney Keith Professor; Twentieth-century U.S., race relations.

Joint Appointments

Vice President for Student Life: ROLAND M. SMITH.

Art History: BERNARD L. HERMAN

Black American Studies: HOWARD B. JOHNSON

Criminal Justice: ERIC W. RISE

Individual and Family Studies: TAMARA K. HAREVEN

Liberal Studies Program Advisory Committee

RAYMOND A. CALLAHAN, Ph.D. (Harvard), Program Director, also Associate Dean for Outreach, College of Arts and Science and Professor of History.

D. HEYWARD BROCK, Ph.D. (Kansas), Senior Associate Dean, College of Arts and Science; also Professor, English.

MARTHA L. CAROTHERS, M.F.A. (Pennsylvania State University), Professor and Chair; Art; Visual communications.

HOWARD B. JOHNSON, Ph.D. (Oxford), Professor; Black American Studies.

KAREN ROSENBERG, Ph.D (Michigan), Associate Professor; Anthropology; also Coordinator, MALS Program.

DAVID SMITH, Ph.D. (Boston University), Professor, Biological Sciences.

WILLIAM H. WILLIAMS, Ph.D (Delaware), Professor, History.

Linguistics

WILLIAM J. FRAWLEY, Ph.D. (Northwestern), Professor and Chair; also Professor, English. Semantics, psycholinguistics, lexicography.

LOUIS A. ARENA, Ph.D (Georgetown), Associate Professor; also Associate Professor, English. Applied linguistics, ESL, composition, Japanese.

CYNTHIA A. BROWN, Ph.D (McGill), Assistant Professor; Phonology, language acquisition, speech perception.

PETER COLE, Ph.D. (Illinois), Professor; Syntax, semantics, Quecha, Heberw, Chinese.

GABRIELLA HERMON, Ph.D. (Illinois), Associate Professor; also Associate Professor, Education; Syntax, language acquisition, bilingualism.

WILLIAM J. IDSARDI, Ph.D. (M.I.T.), Associate Professor and Director, Graduate Studies in Linguistics; Phonology, phonetics, morphology.

COLIN PHILLIPS, Ph.D. (M.I.T.), Assistant Professor; Syntax, language processing and acquisition, neurolinguistics.

NANCY LEE SCHWEDA-NICHOLSON, Ph.D. (Georgetown), Professor; Interpretation, bilingualism, French.

SATOSHI TOMIOKA, Ph.D (Massachusetts), Assistant Professor; Semantics, syntax, East Asian linguistics.

IRENE B. VOGEL, Ph.D. (Stanford), Associate Professor; Phonology, morphology, Romance languages.

Joint and Adjunct Appointments

Center for Applied Science and Engineering: H. TIMOTHY BUNNELL, BETH A. MINEO.

Computer and Information Sciences: M. SANDRA CARBERRY, DANIEL L. CHESTER, KATHERINE MCCOY, K. VIJAYASHANKAR

Education: ROBERTA M. GOLINKOFF, LUDWIG MOSBERG, RICHARD L. VENEZKY

English: MARK E. AMSLER, W. BRUCE FINNIE

Psychology: BRIAN P. ACKERMAN, BARBARA LANDAU

Adjunct Faculty: CHERYL SMITH, Ph.D.

Mathematical Sciences

L. PAMELA COOK-IOANNIDIS, Ph.D. (Cornell), Professor and Chair: Applied mathematics, perturbation theory and transonic flow.

DAVID HALLENBECK, Ph.D. (SUNY, Albany), Professor and Associate Chair: Function theory.

THOMAS S. ANGELL, Ph.D. (Michigan), Professor: Optimal control theory, differential and integral equations.

DAVID P. BELLAMY, Ph.D. (Michigan State), Professor: Topology.

JOHN G. BERGMAN, Ph.D. (Illinois), Associate Professor: Functional analysis and probability.

LORA BILLINGS, PhD. (University of Colorado-Boulder), Assistant Professor: Applied mathematics and dynamical systems.

RICHARD BRAUN, Ph.D (Northwestern), Associate Professor: Perturbation, computational methods.

EDUARDO BREITZKE, Ph.D. (IMPA, Brazil), Assistant Professor: Partial differential equations, applied mathematics.

MICHAEL A. BROOK, M.S. (Northeastern Illinois), Preparatory Math Educator.

JINFA CAI, Ph.D. (Pittsburgh), Assistant Professor: Mathematical Education.

ANTONIO CIRO, M.S. (Drexel), Preparatory Math Educator.

DAVID L. COLTON, D.Sc (Edinburgh), Unidel Professor: Scattering theory and inverse problems.

RICHARD J. CROUSE, Ph.D. (Delaware), Associate Professor: Mathematics education.

BETTYANN DALEY, M.S. (Vermont), Manager, Preparatory Math Program.

MARGARET DONLAN, M.S. (Toledo), Preparatory Math Educator.

CHRISTINE EBERT, Ph.D. (Delaware), Preparatory Math Educator.

GARY L. EBERT, Ph.D. (Wisconsin), Professor: Combinatorics.

DAVID A. EDWARDS, Ph.D. (Cal Tech), Assistant Professor: Asymptotics and perturbation theory.

PAUL P. EGGERMONT, Ph.D (SUNY, Buffalo), Associate Professor; also Associate Professor; Computer and Information Sciences; Numerical analysis, integral equations and image reconstruction.

ROBERT P. GILBERT, Ph.D. (Carnegie-Mellon), Unidel Professor, also Unidel Professor; College of Marine Studies, and Unidel Professor; Computer and Information Sciences; Integral and differential equations and function theory.

GEORGE C. HSIAO, Ph.D. (Carnegie-Mellon), Professor: Differential and integral equations, perturbation theory and fluid dynamics.

JUDY A. KENNEDY, Ph.D. (Auburn), Professor: Topology, dynamical systems.

VINCENT N. LARICIA, Ph.D. (Texas A&M), Associate Professor: Mathematical statistics.

FELIX LAZEBNIK, Ph.D. (Texas A&M), Associate Professor: Mathematical statistics.

YUKIJI LEUNG, Ph.D (Michigan), Associate Professor: Combinatorics, graph and number theory.

WENBO LI, Ph.D (Wisconsin), Associate Professor: Probability theory, stochastic processes, statistics.

ALBERT E. LIVINGSTON, Ph.D (Rutgers), Professor: Function theory.

WALTER K. MALLORY, Ph.D. (Rutgers), Assistant Professor: Mathematical logic.

DAVID M. MASON, Ph.D. (Washington), Professor: Probability and statistics.
Museum Studies

BRYANT F. TOLLES, JR., Ph.D. (Boston University), Director and Associate Professor; also Associate Professor, History, Art History and Interim Chair; Art Conservation.

J. RITCHIE GARRISON, Ph.D. (Pennsylvania), Associate Director; also Associate Professor, History and Associate Professor, Winterthur Program in Early American Culture.

HILTON E. BROWN, M.F.A. (Art Institute of Chicago), Professor, also Harriet T. Bailey Professor of Art, Art Conservation, and Art History.

CHANDRA L. REEDY, Ph.D. (California, Los Angeles), Associate Professor; also Associate Professor of Art Conservation and Associate Professor, Urban Affairs and Public Policy.

Music

DAVID HERMAN, D.M.A. (Kansas), Professor and Chair: Organ, church music, and music theory.

MICHAEL A. ARENSON, Ph.D. (Ohio State), Professor and Associate Chair: Music theory and computer-based instruction.

JAMES ANCONA, M.M. (Indiana), Assistant Director, Blue Hen Marching Band: Percussion.

ELAINE BRENCHELLEY, M.A. (New York University), Administrator for Resources and Public Programs: Music literature.

CYNTHIA L. CARR, M.M. (Florida State), Associate Professor: Horn.

CHARLES CLARK, JR., B.A. (Wake Forest), Audio Engineer.

W. ANDREW COTTLE, D.A. (Northern Colorado), Associate Professor: Music appreciation.

MARIE CHRISTINE DELBEAU, M.M. (North Texas State), Associate Professor: Piano.

MELANIE K. DEMENT, D.M.A. (North Texas State), Associate Professor: Voice.

RICHARD PATRICK EVANS, D.M. (Florida State), Assistant Professor: Voice and opera workshop.

J. MICHAEL FOSTER, M.A. (Virginia), Music Resources Supervisor.

EILEEN GRYCKY, M.M. (New England Conservatory), Assistant Professor: Flute.

ALAN D. HAMANT, M.M. (Kansas), Associate Professor: Trumpet.

ANGELA HANNAGAN, B.M. (Delaware), Director, Community Music School.

DONALD J. HILDEBRANDT, D.M. (Indiana), Professor: Low brass.

ROBERT C. HOGENSON, Ph.D. (Michigan State), Associate Professor: Music theory and composition.

PETER J. McCARTHY, Ph.D. (Catholic University), Associate Professor: Bibliography.

RUSSELL E. MURRAY, Ph.D. (North Texas), Associate Professor: Music history.

DAVID L. MYFORD, M.F.A. (University of Georgia), Assistant Professor: Violin.

CLAIRE M. NANIS, M.A. (Columbia), Associate Professor: Music education.

JULIE H. NISHIMURA, B.M. (New England Conservatory), Faculty Accompanist.

LARRY W. PETERSON, Ph.D. (North Carolina), Professor. Music history.

HARVEY J. PRICE, M.M. (Temple University), Assistant Professor: Percussion, jazz.

MARIE H. ROBINSON, DM. (Florida State), Associate Professor: Voice and opera workshop.

HEIDI SARGE, M.M. (Massachusetts, Amherst), Assistant Professor, also Director, Blue Hen Marching Band.


MICHAEL STEINBERG, M.S. (Juilliard), Professor: Piano.

ROBERT J. STRECKFUSS, D.M.A. (Catholic University), Professor: Music education and wind ensemble.

Military Science

PAUL A. PULSECKER, III, M.S. (Penn State), Lieutenant Colonel, United States Army; Professor and Chair.

JOHN CASPER, B.A. (West Virginia), Captain, United States Army; Operations Officer and Instructor.

SARAH CHAPMAN, Staff Sergeant, United States Army; Supply Supervisor.

RONALD FLETCHER, Master Sergeant, United States Army, Instructor.

CHAD LUEBBERT, B.A. (Missouri), Captain, United States Army; Enrollment and Scholarships Officer, also Instructor.

JOSEPH MURPHY, B.S. (Wilmington College), Major, United States Army National Guard, Executive Officer and Instructor.

DAVID NICHOLS, Sergeant First Class, United States Army, Instructor.

NAOMI B. SWIFT, Staff Sergeant, United States Army, Personnel Administrative Supervisor.

PAUL YAGER, B.A. (Sonoma State), Captain, United States Army; Instructor.
CHRISTIAAN TAGGART, B.M. (Philadelphia College of Performing Arts), Instructor: Guitar.

HEKUN WU, D.M.A. (Minnesota), Assistant Professor: Orchestra, cello.

MICHAEL A. ZINN, Ph.D. (Michigan State), Professor: Music theory and composition.

JOINT APPOINTMENTS

Education: FRED T. HOFSTETTER

NEUROSCIENCE

SEYMOUR LEVINE, Ph.D. (New York), Director, Neuroscience Program; also Research Professor, Psychology: Developmental psychobiology, neuroendocrinology.

STUART A. BINDER-MACLEOD, Ph.D. (Medical College of Virginia), Professor and Chair, Physical Therapy: Neurophysiology—muscle physiology, motor unit activity.

KENNETH A. CAMPBELL, Ph.D. (Toronto), Assistant Professor, Psychology: Neurophysiology; learning and modulation of sensory processing.

GEORGE CICALA, Ph.D. (Princeton), Professor, Psychology: Learning—acquisitions, effects of opiates and NMDA antagonists.

MELINDA DUNCAN, Ph.D. (Rutgers), Assistant Professor, Biological Sciences: Molecular mechanisms of vertebrate eye development.

JOHN G. ELIAS, Ph.D. (Yale), Professor, Electrical and Computer Engineering: VLSI artificial neural systems, robotics, evolutionary computational methods.

ALLEN M. GRANDA, Ph.D (Brown), Professor, Biological Sciences: Neurophysiology—vision, retinal processes.

JAMES E. HOFFMAN, Ph.D. (Illinois), Professor, Psychology: Visual attention and event-related brain potentials.

GEORGE R. MOLLOY, Ph.D. (Virginia Polytechnic Institute and State University), Associate Professor, Biological Sciences: Gene regulation of neural and glial specific genes.

DAVID P.M. NORTHMORE, D.Phil. (Sussex), Professor, Psychology: Neurophysiology of vision, neural regeneration and reorganization, artificial neural systems.

CARLOS R. PLATA-SALAMAN, M.D. (Guadalajara, Mexico), Ph.D. (Kyushu, Japan), Professor, Biological Sciences: Neurophysiology, neuroimmunology and behavioral system-nervous system interactions, feeding and drinking.

JEFFREY B. ROSEN, Ph.D. (Wayne State), Assistant Professor, Psychology: Neurobiology of emotional behaviors, molecular and pharmacological substrates of fear and anxiety.

EVELYN SATINOFF, Ph.D. (Pennsylvania), Professor and Chair, Psychology: Neural integration of circadian rhythms, thermoregulation and fever, sleep/waking, aging.

JOHN F. SCHOLZ, Ph.D. (Connecticut), Associate Professor, Physical Therapy: Electromyography—motor coordination and interlimb reflexes.

THOMAS R. SCOTT, Ph.D. (Duke), Professor, Psychology: Neuropsychology—neural coding of taste, feeding.

JEROME SIEGEL, Ph.D. (Ohio State), Professor, Psychology: Neurophysiology—arousal, behavioral inhibition, neuropeptide

L. CARLISLE SKEEN, Ph.D. (Florida State), Associate Professor, Psychology: Neuroanatomy—olfaction and neuroplasticity.

MILTON H. STETSON, Ph.D. (Washington), Professor, Biological Sciences: Neuroendocrinology, circadian physiology, pineal endocrinology.

MARVIN ZUCKERMAN, Ph.D. (New York University), Professor, Psychology: Psychobiology of personality and psychopathology.

PHILOSOPHY

FREDERICK ADAMS, Ph.D. (Wisconsin), Professor and Chair: Epistemology, cognition science, philosophy of mind.

CHRISTOPHER BOORSE, Ph.D. (Princeton), Associate Professor: Philosophy of medicine, ethics.

ROBERT F. BROWN, Ph.D. (Columbia), Professor: Philosophy of religion, 19th century philosophy.

FRANK B. DILLEY, Ph.D. (Columbia), Professor: Philosophy of religion, philosophy of mind.

PAUL J. DURBIN, Ph.D. (Aquinus Institute of Philosophy), Professor, also Professor, Urban Affairs and Public Policy: Philosophy of technology, environmental ethics.

ALAN D. FOX, Ph.D. (Temple), Associate Professor: Asian and comparative philosophy, comparative religion.

HARRISON B. HALL, Ph.D. (Northwestern), Professor: Logic, philosophy of science.

DAVID W. HASLETT, Ph.D. (Minnesota), Professor: Ethics, social and political philosophy, philosophy of law.

ERIC HOFFMAN, Ph.D., J.D. (Pennsylvania), Assistant Professor, also Executive Director, American Philosophical Association: Social and political philosophy, ethics, philosophy of law.

JEFFREY J. JORDAN, Ph.D. (Purdue), Associate Professor: Philosophy of religion.

NANCY McCAGNEY, Ph.D. (California, Santa Barbara), Assistant Professor: Buddhism, philosophies of India, cross-cultural philosophy, environmental ethics.

LUCIA M. PALMER, Ph.D. (Pisa), Professor: Ancient and modern philosophy, ethics.

JOEL PUST, Ph.D. (University of Arizona), Assistant Professor: Philosophy of mind, epistemology, cognitive science.

MICHAEL C. REA, Ph.D. (Notre Dame), Assistant Professor: Metaphysics, ancient philosophy, epistemology.

KATHERINE A. ROGERS, Ph.D. (Notre Dame), Assistant Professor: Medieval philosophy, philosophy of religion.

DAVID B. SILVER, Ph.D. (Arizona), Assistant Professor: Ethics, Jewish philosophy, metaethics.

DOUGLAS F. STALKER, Ph.D. (North Carolina), Associate Professor: Critical thinking, aesthetics.

PHYSICS AND ASTRONOMY

HENRY R. GLYDE, D.Phil. (Oxford), Professor and Chair: Condensed matter theory, neutron studies of condensed matter, liquid helium.

MAURICE V. BARNHILL III, Ph.D. (Stanford), Professor: Elementary particle theory.

DENNIS C. COLLINS, B.A. (Delaware), Assistant to the Chair.

WILLIAM B. DANIELS, Ph.D. (Case Western Reserve), Unidel Professor: Condensed matter physics, high-pressure laser light scattering.

CHENG-MING FOU, Ph.D. (Pennsylvania), Professor: Nuclear physics and accelerator-based atomic physics.
GEORGE HADJIPANAYIS, Ph.D. (Manitoba), Professor: Experimental condensed matter physics, magnetism, nanocrystalline materials
ARTHUR HALPRIN, Ph.D. (Pennsylvania), Professor: Elementary particle theory.
DAVID R. JOHNSON, M.S. (Delaware), Undergraduate Laboratory Coordinator.
EDWARD H. KERNER, Ph.D. (Cornell), Professor: Theoretical physics, relativity and nonlinear systems.
CHUNG N. LEUNG, Ph.D. (Minnesota), Associate Professor: Elementary particle theory.
JAMES MACDONALD, Ph.D. (Cambridge), Associate Professor: Astronomy and astrophysics, white dwarfs, cataclysmic variables.
JOHN D. MORGAN, Ph.D. (California, Berkeley), Associate Professor: Theoretical atomic and molecular physics.
NORBERT MULDERS, Ph.D. (Delaware), Assistant Professor: Condensed matter, low temperatures.
DAVID G. ONN, Ph.D. (Duke), Professor: Condensed matter physics, thermal properties of advanced materials.
MARK SHARNOFF, Ph.D. (Harvard), Professor: Biophysics, holography of biosystems.
HARRY L. SHIPMAN, Ph.D. (California Institute of Technology), Annie Jump Cannon Professor: Astronomy and astrophysics, white dwarfs.
KRZYSZTOF ZALEWICZ, Ph.D. (Warsaw), Professor: Theoretical atomic and molecular physics.
BARRY KARL UNRUH, Ph.D. (Johns Hopkins), Professor: Condensed matter, finite size effects, thin films.
BARRY C. WALKER, Ph.D. (SUNY, Stony Brook), Assistant Professor: Experimental atomic, molecular, and optical physics.
GEORGE H. WATSON, Ph.D. (Delaware), Professor: Laser spectroscopy of condensed matter, photonic band structure.
BARBARA A. WILLIAMS, Ph.D. (Maryland), Associate Professor: Astronomy and astrophysics, radio astronomy and groups of galaxies.
S.B. WOO, Ph.D. (Washington), Professor: Atomic and molecular physics.
JOHN Q. XIAO, Ph.D. (Johns Hopkins), Assistant Professor: Experimental condensed matter, transport, magnetism, and superconductivity in artificial nanostructures.

Joint Appointments

Materials Science and Engineering: ISMAT SHAH

Bartol Research Institute

NORMAN F. NESS, Ph.D. (M.I.T.), Professor and President: Space physics, planetary and interplanetary magnetism.
STEPHEN M. BARR, Ph.D. (Princeton), Associate Professor: Elementary particle theory.
JOHN W. BIEBER, Ph.D. (Maryland), Professor: Cosmic ray physics.
SIU-TAT CHUI, Ph.D. (Princeton), Professor Institute: Condensed matter theory, low dimensional and amorphous materials.
PAUL A. EVENSON, Ph.D. (Chicago), Professor: Space physics, solar and cosmic ray studies.
THOMAS K. GAISER, Ph.D. (Brown), Professor: Elementary particle theory, high energy astrophysics.
WILLIAM H. MATTHEAUS, Ph.D. (William and Mary), Professor: Space physics, plasma physics, turbulence theory, and computational physics.
DERMOTT J. MULLAN, Ph.D. (Maryland), Professor: Astrophysics, solar and stellar physics.
STANLEY P. OWOCKI, Ph.D. (Colorado), Associate Professor: Astrophysics, stellar winds.
LUCIO PECCHIO, Dott. (Rome), Assistant Professor: Millimeter astronomy and cosmology, low-temperature techniques.
STUART PITTEL, Ph.D. (Minnesota), Professor: Theoretical nuclear physics, nuclear astrophysics.
DAVID SECKEL, Ph.D. (Washington), Associate Professor: Cosmology, particle astrophysics.
QAISSAR SHAHI, Ph.D. (Imperial College), Professor: Elementary particle theory, cosmology.
TODOR STANEV, Ph.D. (Sofia), Professor: Particle astrophysics, cosmic ray physics.
GARY ZANK, Ph.D. (Natal), Associate Professor: Space physics, plasma physics, astrophysics.

Political Science and International Relations

MARK W. HUDDESTON, Ph.D. (Wisconsin), Professor and Chair; also Professor, Urban Affairs and Public Policy. Public administration.
JANET B. JOHNSON, Ph.D. (Cornell), Associate Professor and Associate Chair; also Associate Professor, Urban Affairs and Public Policy. Environmental policy, state and local government, research methods.
GRETCHEN BAUER, Ph.D. (Wisconsin), Assistant Professor: African and comparative studies.
YAROSLAV BILINSKY, Ph.D. (Princeton), Professor: Comparative politics.
RICHARD KURT BURCH, Ph.D. (Minnesota), Associate Professor: International relations.
KENNETH J. CAMPBELL, Ph.D. (Temple), Assistant Professor: International relations.
JULIO F. CARRION, Ph.D. (Pittsburgh), Assistant Professor: Latin American politics.
YI-CUN CHANG, Ph.D. (Northwestern), Associate Professor: Asian politics.
SUE DAVIS, Ph.D. (California, Santa Barbara), Professor: Constitutional law and political theory.
THEODORE J. DAVIS, Ph.D. (Florida State), Associate Professor: Political behavior and public policy.
JOHN T. DEINER, Ph.D. (Rutgers), Associate Professor: Latin American politics.
ROBERT A. DENEMARK, Ph.D. (Minnesota), Associate Professor: International relations.
LESLIE F. GOLDBEIN, Ph.D. (Cornell), Unidel Professor: Constitutional law.
DANIEL M. GREEN, Ph.D. (Indiana), Assistant Professor: International development and comparative public administration.
DAVID E. INGERSOLL, Ph.D. (Claremont), Professor: Political philosophy.
JAMES MAGEE, Ph.D. (Virginia), Professor: Public law.
WILLIAM H. MEYER, Ph.D. (Iowa), Associate Professor: International relations.
MARK J. MILLER, Ph.D. (Wisconsin), Professor: Comparative politics.
ZELMA MOSLEY, Ph.D. (Wisconsin, Milwaukee), Assistant Professor: American politics and Black politics.
JAMES K. OLIVER, Ph.D. (American), Unidel Professor and Director, International Relations Program, also Professor, Marine Studies: International relations, American foreign and defense policy.
MARIAN L. PALLEY, Ph.D. (New York University), Professor: Public policy analysis, urban politics and administration.
JOSEPH A. PIKA, Ph.D. (Wisconsin), Professor: American politics and public administration.
HENRY T. REYNOLDS, Ph.D. (North Carolina), Professor: also Professor, Urban Affairs and Public Policy: American government, research methods, methodology.
IERROLD E. SCHNEIDER, Ph.D. (New York University), Associate Professor: American politics and political economy.
JAMES R. SOLES, Ph.D. (Virginia), Distinguished Alumni Professor: American politics.
RICHARD T. SYLVESTER, Ph.D. (Illinois), Professor: also Professor, College of Marine Studies, and Professor, Urban Affairs and Public Policy: Public administration.

Joint and Adjunct Appointments

Accounting: SHELDON D. POLLACK
Communication: RALPH BEGLEITER
Criminal Justice: KENNETH HAAS.
Evelyn Satinoff, Ph.D (New York), Professor and Chair. Neural integration of sleep, circadian rhythms, thermoregulation; motivated behavior, aging.

Brian P. Ackerman, Ph.D (SUNY, Stony Brook), Assistant Professor, Linguistics: Cognitive development, emotional development, developmental risk.

Kenneth A. Campbell, Ph.D (Toronto), Assistant Professor: Neural mechanisms of memory.

George A. Cicala, Ph.D (Princeton), Professor: Avoidance conditioning, strategies in learning.

Lawrence H. Cohen, Ph.D (Florida State), Professor: Stressful life events, coping, personality.

Rita Y. Cohen, Ph.D (Florida State), Associate Professor; also Director, Psychological Services: Health psychology.

Thomas M. DiLorenzo, Ph.D (West Virginia), Professor; also Dean, College of Arts and Science: Health psychology, addictive behaviors, tobacco use, exercise and mood.

Mary Dozier, Ph.D (Duke), Associate Professor: Attachment, schizophrenia, high risk infants.

Robert W. Eisenberger, Ph.D (California, Riverside), Professor: Learning and motivation, industrial/organizational psychology.

Samuel L. Gaertner, Ph.D (City University of New York), Professor: Group relations, group mergers in business and laboratory settings.

Barbara Giza, Ph.D (University of Delaware), Assistant Professor: Neural and behavioral aspects of taste and feeding.

James E. Hoffman, Ph.D (Illinois), Professor: Attention, information processing, perception, and event-related brain potentials.

Julie Hubbard, Ph.D (Duke), Assistant Professor: Peer relations.

Helene Intraub, Ph.D (Brandeis), Professor: Cognitive processes, attention, perception and encoding of visual scenes.

Barbara S. Izard, M.Mus (Syracuse), Instructor: Human emotions.

Carroll E. Izard, Ph.D (Syracuse), Unidel Professor: Human emotions in relation to personality development, psychopathology and psychotherapy—especially in infants and mother-infant relationships.

James M. Jones, Ph.D (Yale), Professor: Social psychology and culture; humor, sports, race, and racism.

R. Rogers Kibak, Ph.D (Virginia), Associate Professor: Parent-teen relations and family relations.

Michael Kuhlman, Ph.D (California, Santa Barbara), Associate Professor: Individual differences in the social motives of cooperation, individualism, and competition.

Barbara Landau, Ph.D (Pennsylvania), Professor: Language, language development, spatial knowledge, object perception.

Seymour Levine, Ph.D (New York University), Research Professor; also Director, Neuroscience Program: Developmental psychobiology, neuroendocrinology.

Frederick A. Masterson, Ph.D (Princeton), Professor: Animal learning, artificial intelligence, computer systems, mathematical psychology.

John P. McLaughlin, Ph.D (New York University), Associate Professor: Strategies in learning, semantic organization, retention, aesthetics.

David P.M. Northmore, Ph.D (Sussex, England), Professor: Neuropsychology of vision and visual development.

Eun Rhee, Ph.D (New York University), Assistant Professor: Cross-cultural, racial and ethnic identities, social development.

Jeffery Rosen, Ph.D (Wayne State), Assistant Professor: Neurobiology of emotional behaviors, molecular and pharmacological substrates of fear and anxiety.

Thomas R. Scott, Ph.D (Duke), Professor: Neurophysiology of feeding and hedonic mechanisms of taste.

Jerome Siegel, Ph.D (Ohio State), Professor: Neural structures involved in inhibition and arousal.

Robert F. Simons, Ph.D (Wisconsin), Professor: Human psychophysiology, schizophrenia, information processing.

L. Carlisle Sken, Ph.D (Florida State), Associate Professor: Developmental and comparative neuroanatomy.

John W. Whalen, Ph.D (Johns Hopkins University), Assistant Professor: Numerical cognition, cognitive neuropsychology, neural network simulations, functional brain imaging.

Marvin Zucker, Ph.D (New York University), Professor: Sensation seeking, personality assessment, human sexuality, personality correlates of drug use.

Joint and Adjunct Appointments

Communication: Betty J. Haslett

Counseling and Student Development: Richard S. Sharp

Criminal Justice: Valerie P. Hans

Education: Ralph P. Ferretti, Joseph L. Glutting, Roberta Golinkoff, David Kaplan, Frank B. Murray

Institutional Research and Planning: Karen W. Bauer

Individual and Family Studies: Katherine Conway-Turner, Michael Ferrare

Nursing: Christine E. Johnston

Sociology and Criminal Justice

Joel Best, Ph.D (California, Berkeley), Professor and Chair: Social problems, social deviance.

Jeffrey L. Davidson, Ph.D (Michigan), Associate Professor and Associate Chair: Urban sociology, social welfare.

Cynthia Roberns, Ph.D (Michigan), Professor and Associate Chair: Criminal Justice Program: Substance abuse, deviance, social epidemiology.

Margaret L. Andersen, Ph.D (Massachusetts), Professor; also Professor, Women's Studies: Race relations, sex and gender, theory.

Ronet Bachman, Ph.D (New Hampshire), Associate Professor: Crime and research methods.

Tracy A. Bachman, B.A (Delaware), Research Associate II.

Sally Bold, Ph.D (California, Berkeley), Professor; also Professor, Individual and Family Studies: Gerontology, family.

Anne Bowler, Ph.D (New School for Social Research), Associate Professor: Cultural theory, sex and gender.

Clifford A. Butzin, Ph.D (California, San Diego), Research Administrator.

Gordon J. Direnzo, Ph.D (Notre Dame), Professor: Social psychology, personality and social systems, social psychiatry.

Mara Dodge, Ph.D (Illinois), Assistant Professor: Prisons and corrections, historical criminology, women in the criminology system.

Serger Dolinsky, M.A (Leningrad Polytechnic Institute), Research Associate II.

Kenneth J. Eckhardt, Ph.D (Wisconsin), Associate Professor: Methods, social organization, social control.

M. David Ermann, Ph.D (Michigan), Professor: Corporate crime, medical, complex organizations.

Charles E. Freeman, M.A (Washington), Research Associate II.

Charles Gray, B.S (Delaware), Research Specialist.

Alice M. Guethler, Research Specialist.

David B. Gullick, Ph.D (Sam Houston State), Assistant Professor: Criminology, corrections.

Kenneth C. Haas, Ph.D (Rutgers), Professor: Judicial behavior, criminal law, corrections law.

FACULTY AND PROFESSIONAL STAFF
FACULTY AND PROFESSIONAL STAFF

VALERIE P. HANS, Ph.D. (Toronto), Professor: Psychology of law.
LANA D. HARRISON, Ph.D. (Michigan), Associate Director, Center for Drug and Alcohol Studies.
ELIZABETH HIGGINBOTHAM, Ph.D. (Brandeis), Professor: Race, gender, stratification.
JAMES A. INCIARDI, Ph.D. (New York University), Professor, also Director, Center for Drug and Alcohol Studies: Criminology, drugs, criminal justice.
JOHN K. KELLY, D.P.A. (New York University), Associate Professor: Criminal justice.
VIVIAN L. KLASS, Ph.D. (Wisconsin), Associate Professor: Demography, urban sociology.
CARL B. LOCKARS, Ph.D. (Pennsylvania), Professor: Criminal justice, police, criminology.
LEONARDO LEDEZMA, M.A. (Delaware), Instructor: Research methods, statistics.
STEVEN S. MARTIN, M.A. (Michigan), Associate Scientist.
RAMIRO MARTINEZ, Ph.D. (Ohio State), Associate Professor: Crime, law and deviance.
SUSAN MILLER, Ph.D. (Maryland), Associate Professor: Criminology, sex and gender, policing.
ROBERTA E. MURPHY, M.A. (Delaware), Research Associate I.
DRUETTA NICHOLS-JENNINGS, Research Specialist/Phlebotomist.
JOANNE M. NIEG, Ph.D. (California, Los Angeles), Professor, also Co-Director, Disaster Research Center: Collective behavior, social movements, social psychology.
DAVID OPPOLD, B.A. (Thomas Edison), Research Specialist.
ANNE E. POTTEGGER, Ph.D. (Delaware), Scientist.
MARY ANN POULOS, Research Specialist.
JUDITH A. QUINLAN, B.S. (Delaware), Research Specialist.
ERIC W. RISE, J.D., Ph.D. (Florida), Associate Professor: Constitutional legal history.
ROBERT A. ROTHMAN, Ph.D. (Purdue), Professor: Work, complex organizations, stratification.
CHRISTINE SAUM, M.A. (Florida), Research Associate II.
FRANK R. SCARPITTI, Ph.D. (Ohio State), Professor: Deviant behavior, crime and delinquency.
KATHLEEN J. TIERNEY, Ph.D. (Ohio State), Professor, also Co-Director, Disaster Research Center: Collective behavior, qualitative methods.
PATRICIA A. TRESSELL, M.S. (Delaware), Research Associate II.
GERALD M. TURKEL, Ph.D. (California, Santa Barbara), Professor: Social theory, social psychology.
JUDITH L. WATSON, Assistant to the Chair.
GINNY A. WIDDOES, B.A. (Delaware), Assistant to the Director, Center for Drug and Alcohol Studies.

Joint and Adjunct Appointments

Joint and Adjunct Appointments

Black American Studies: CAROLE C. MARKS
Education: JAMES H. CROUSE
Urban Affairs and Public Policy: ROBERT A. WILSON
Adjunct Faculty: RICHARD S. GEBELEN, J.D. • FREDERICK KIRCH, M.A. • CHARLES M. OBERLY III, J.D. • JOHN J. POLK, J.D. • THOMAS J. QUINN, M.A. • ANTHONY W. SALERSO, M.A.

Theatre

SANFORD L. ROBBINS, M.F.A. (Carnegie-Mellon), Professor and Chair: Acting, directing.
JOANN E. BROWNING, M.F.A. (Southern Methodist), Professor and Associate Chair: Stage movement/dance.
ANDREA A. BARRIER, B.A. (Wisconsin), Associate Professor: Costume production.
PETER W. BRKHAUGE, Technical Director: Technical Production.
RICHARD P. BROWN, Ph.D. (Tulane), Professor: Undergraduate acting.
WILLIAM L. BROWNING, M.F.A. (Iowa), Professor: Technical Production.

JAMES H. CUNNINGHAM, M.A. (Toronto), Associate Professor: Undergraduate acting.
RICK A. CUNNINGHAM, M.A. (Tulane), Associate Professor: Stage Management.
CATHERINE FITZMAURICE, M.A. (Michigan), Professor: Undergraduate acting.
HEINZ-UWE HAUS, Ph.D. (Humboldt), Professor: Acting, directing, theatre history.
BARBARA HUGHES-LAMPROS, Costume Manager.
ROBIN LU PAYNE, M.F.A. (Temple), Associate Professor: Technical Production.
LESLIE REIDEL, M.F.A. (Temple), Professor: Acting, directing.
EILEEN T. SMITHEIMER, B.A. (Purdue), Associate Professor: Technical Production.
MELISSA A. SWEENY, M.F.A. (Massachusetts), Professor: Stage speech, voice production.
PETER T. VAGENAS, Ph.D. (Denver), Professor: Technical Production.
JEWEL H. WALKER, Professor: Acting, directing, stage movement.

Winterthur Program in Early American Culture

JAMES C. CURTIS, Ph.D. (Northwestern), Director; also Professor, History: History and media, material culture, documentary photography.
DAVID F. ALLMENDINGER, JR., Ph.D. (Wisconsin), Professor: History, American social history.
ANNE BOYLAN, Associate Professor, History: Women's studies, antebellum America.
LU ANN DE CUNZO, Ph.D. (Pennsylvania), Associate Professor, Anthropology: Archaeology and material culture.
J. RITCHIE GARRISON, Ph.D. (Pennsylvania), Associate Director, Museum Studies Program; also Associate Professor, History: Colonial period, material culture.
ANN E. GIBSON, Ph.D. (University of Delaware), Professor and Chair, Art History: Contemporary and American art, African-American art.
CAROLE HABER, Ph.D. (Pennsylvania), Professor and Chair: U.S. history, social history, aging and medicine.
BERNARD L. HERMAN, Ph.D (Pennsylvania), Professor, Art History, also Associate Director, Center for Historic Architecture and Design: Folklore and folklife, material culture.
CHRISTINE HEYRMAN, Professor, History: Colonial period.
CAROL E. HOFFECKER, Ph.D. (Harvard), Richards Professor of History: State and local history, urban history.
WILLIAM I. HOMER, Ph.D. (Harvard), H. Rodney Sharp Professor, Art History: American painting and photography.
J A. LEO LeMAY, Ph.D. (Pennsylvania), Winterthur Professor, English: Colonial American literature.
CATHY MATSON, Ph.D. (Columbia), Associate Professor, History: Colonial period.
DONALD C. MELL, Ph.D. (Pennsylvania), Professor, English.
DONALD H. MEYER, Ph.D. (California, Berkeley), Professor: American intellectual history.
DAMIE STILLMAN, Ph.D. (Columbia), J W. Shirley Professor of Art History: American and European architecture and decorative arts.
BRYANT F. TOLLES, JR., Ph.D. (Boston University), Interim Chair, Art Conservation and Director, Museum Studies Program, also Associate Professor, History and Associate Professor, Art History: American decorative arts.

Joint and Adjunct Appointments

Adjunct Faculty: BRETCHEN T. BAGGLEN, Ph.D. • WENDY COOPER, M.A. • PAULINE EVERSCHMANN, M.Phil. • DONALD L. FENNIMORE.
Women's Studies

BETH BONNIWELL HASLETT, Ph.D. (Minnesota), Director; also Professor, Communication. Gender and communication; leadership and organizations.

SUZANNE J. CHERREN, Ph.D. (Delaware), Assistant Professor. International gender issues; sexuality and gender; breast cancer; gender and competition.

THEA J. CHAFFMAN, M.A. (Delaware), Assistant Director and Undergraduate Advisor. Gender and violence.

KATHLEEN D. TURKEL, Ph.D. (Delaware), Assistant Professor. Women's health; motherhood and culture.

Additional Women's Studies Faculty

ANTHROPOLOGY: DONNA M. BUDANI, KAREN ROSENBERG
CRIMINAL JUSTICE: VALERIE HANS, SUSAN MILLER
EDUCATION: NANCY BRICKHOUSE
ENGLISH: ANN ARDIS, PETER FENG, BARBARA GATES, CAROL HENDERSON, SARA HOROWITZ, ALVINA QUINTANA, BONNIE SCOTT.
FOREIGN LANGUAGES AND LITERATURES: JOAN BROWN, MARY DONALDSON-EVANS, LAWRENCE MARCEAU, MONICA SHAHI.
HISTORY: ANNE BOYLAN, GERALD FIGAL, CAROL HOFFECKER, WUNKYARI MALOBA.
INDIVIDUAL AND FAMILY STUDIES: KATHERINE CONWAY-TURNER, BARBARA SETTLE, JULIE WILGEN.
MATHEMATICAL SCIENCES: GEORGINA PYRROS.
MUSIC: RUSSELL MURRAY.
NURSING: BETHANY HALL-LONG.
PHILOSOPHY: LUCIA PALMER.
POLITICAL SCIENCE AND INTERNATIONAL RELATIONS: GRETCHEN BAUER, LESLIE GOLDSTEIN, MARIAN PALLEY, ZELMA MOSLEY.
SOCIOLOGY: MARGARET ANDERSEN, SALLY BOWID, ANNE BOWLER, GERRY TURKEL.

OTHER PROGRAMS IN THE COLLEGE OF ARTS AND SCIENCE

University Museums: University Gallery/ University of Delaware Mineralogical Museum

BETHANY CHAPPELLE, M.A. (Purdue), Director. Museums.

JANET B. BOSWORTH, M.A. (Delaware), Curator, University Gallery.

University Parallel Program

RAYSAND A. CALLAHAN, Ph.D. (Harvard), Associate Dean for Outreach; also Professor, History.

Wilmington Campus

HELEN EASTERLING WILLIAMS, M.S. (Towson State), Assistant Dean, Wilmington Campus.

JOHN D. ANDERSON, Ph.D. (Delaware), Associate Professor of Mathematics.

PHILIP GOLDSTEIN, Ph.D. (Temple), Associate Professor of English.

ALAN M. HOROWITZ, M.A. (Delaware), Associate Professor of Sociology/Criminal Justice.

LINDA ROMAN, M.A. (West Chester), Administrative Academic Advisor.

MICHAEL ROSENBERG, Ph.D. (Pennsylvania), Associate Professor of Anthropology.

DAVID TEAGUE, Ph.D. (Virginia), Associate Professor of English.

Dover Campus

KATHLEEN A. BIEKER, M.A. (Central Michigan), Assistant Dean, Dover Campus.

BARBARA Z. CHRISTENSEN, M.A. (Delaware), Assistant Professor of English.

CARLA C. MORRIS, M.S. (RPI), Assistant Professor of Mathematics.

SHARON S. TUCKER, Ph.D. (Rutgers), Associate Professor of Biology.

Georgetown Campus

PATRICIA S. DOREY, B.S. (Salisbury), Assistant Dean, Georgetown Campus.

ANNE A. COLLEWELL, Ph.D. (Delaware), Associate Professor, English.

LAWRENCE A. CURTIS, Ph.D. (Delaware), Professor, Biology; also Professor, Department of Biological Sciences, and Professor, Marine Studies.

DAVID B. GULICK, Ph.D. (Sam Houston), Assistant Professor of Criminal Justice.

NANCY S. HALL, M.A. (Delaware), Assistant Professor of Mathematics.

CHARLES M. KOPAY, Ph.D. (Delaware), Associate Professor of Chemistry.

RONALD L. LEMONCELLI, Ph.D. (Delaware), Assistant Professor of English.

NANCY MCCAGNEY, Ph.D. (California), Assistant Professor of Philosophy.

MARK W. MELEOD, Ph.D. (California, Los Angeles), Associate Professor of History.

RUTH S. MULFORD, M.A. (Yale), Instructor, Music.

HENRY R. NYCE, M.A. (Delaware), Associate Professor of Sociology.

NORMAN S. PASSMORE, Ph.D. (Delaware), Assistant Professor of Mathematics.

WILLIAM H. WILLIAMS, Ph.D. (Delaware), Professor of History.

University Writing Center

CLYDE A. MONEYHUN, Ph.D. (Arizona), Director; also Assistant Professor, English.

GILDA T. KELSEY, M.A. (Delaware), Assistant Director; also Instructor, English.

College of Business and Economics

Office of the Dean

KENNETH BIEDERMAN, Ph.D. (Purdue), Interim Dean; also Professor, Finance.

LINDA S. DUNN, Ed.D. (Delaware), Assistant Dean.

JOYCE L. HART, M.Ed. (Pittsburgh), Student Services Director.

SCOTT K. JONES, Ph.D. (Drexel), Academic Associate Dean; also Professor, Accounting.

TERRY M. WHITTAKER, M.A. (Minnesota), Assistant Dean.

Accounting and Management Information Systems


JOSEPH A. BRADY, Ph.D. (Delaware), Instructor.

DALE BUCKMASTER, Ph.D. (Penn State), C.P.A., Professor, Financial accounting.


LORI R. FULLER, Ph.D. (Arizona State), C.P.A., Assistant Professor: Auditing.


JACKSON F. GILLESPIE, Ph.D. (Virginia Tech), C.M.A., Associate Professor. Management accounting.
THOMAS J. HOFFERD, Ph.D. (Central Florida), C.P.A., Assistant Professor: Information Systems
SCOTT K. JONES, Ph.D. (Drexel), Professor; also, Academic Associate Dean, College of Business and Economics: Management accounting
GREGORY KANE, Ph.D (Virginia Tech), C.P.A., Associate Professor: Financial accounting
RITA M. KINER, M.S., (California State), C.P.A., Instructor: Financial and managerial accounting
ELLEN F. MONK, M.B.A., (Delaware), Instructor: Information systems.
ROBERT L. PARETTA, Ph.D. (Syracuse), C.P.A., Associate Professor: Financial accounting
NEAL A. PHILLIPS, J.D. (Villanova), LL.M. (Temple), Assistant Professor: Business law
SHELDON D. POLLACK, Ph.D. (Cornell), Associate Professor: Business law
JANIS R. REEDER, Ph.D. (South Carolina), C.P.A., Associate Professor: Taxation
BERNADETTE M. RUF, Ph.D. (Virginia Tech), Associate Professor: Information systems
MARK A. SERVA, Ph.D. (Texas), Assistant Professor: Information Systems.
FREDERIC M. STINNER, JR., Ph.D. (Nebraska), C.P.A., Associate Professor: Financial accounting and information systems
CLINTON E. WHITE, JR., D.B.A (Indiana), C.P.A., Associate Professor: Information systems and auditing
JOHN H. WRAGGE, Ph.D (Houston), C.P.A., Associate Professor: Management accounting and information systems.

Business Administration
HOWARD GARLAND, Ph.D. (Cornell), Chaplin Tyler Professor of Business and Chair: Management
RICK L. ANDREWS, Ph.D. (Virginia Tech), Associate Professor: Marketing
JOHN H. ANTIL, Ph.D. (Penn State), Associate Professor and Head of Marketing Management Faculty: Marketing
KARL F. AQUINO, Ph.D. (Northwestern), Assistant Professor: Management
THOMAS E. BECKER, Ph.D. (Ohio State), Associate Professor: Management
V CARTER BROACH, Ph.D. (Michigan State), Instructor: Marketing.
TOOD CHILES, Ph.D. (Oregon), Assistant Professor: Management.
DARWIN J. DAVIS, Ph.D. (Indiana), Assistant Professor: Marketing.
DIANE L. FERRY, Ph.D. (Pennsylvania), Associate Professor: Management.
SANDRA M. FIELD, M.B.A. (Radford), Instructor: Marketing.
MERYL P. GARDNER, Ph.D. (Carnegie-Mellon), Associate Professor: Marketing.
WILLIAM V. GEHRLEIN, Ph.D (Penn State), Professor: Operations Management.
JENNIFER GREGAN-PAXTON, Ph.D. (Minnesota), Assistant Professor: Marketing.
CYNTHIA HUFFMAN, Ph.D. (Minnesota), Assistant Professor: Marketing.
ROBERT J. KENT, Ph.D. (Cincinnati), Associate Professor: Marketing.
MARY C. KERNAN, Ph.D. (Akron), Associate Professor and Head of Management Faculty: Management.
JOHN L. KMETZ, D.B.A. (Maryland), Associate Professor: Management.
CHRISTINE T. KYDD, Ph.D. (Pennsylvania), Associate Professor: Operations Management.
AJAY K. MANRAI, Ph.D. (Northwestern), Professor: Marketing.
LALITA A. MANRAI, Ph.D. (Northwestern), Associate Professor: Marketing.
JOSHUA D. MARTIN, M.B.A (Pace), Instructor: Marketing.
SHARON O'DONNELL, Ph.D. (South Carolina), Assistant Professor: Management.

MICHAEL F. POHLEN, Ph.D. (Ohio State), Associate Professor: Operations Management.
JOHN F. PREBLE, Ph.D. (Massachusetts), Associate Professor: Management.
ERWIN M. SANIGA, Ph.D (Penn State), Professor and Head of Operations Management Faculty: Operations.
JOHN E. SAWYER, Ph.D. (Illinois), Associate Professor and Area Head for Management: Management.
STEWART A. SHAPIRO, Ph.D. (Arizona), Assistant Professor: Marketing.
ARTHUR A. SLOANE, D.B.A (Harvard), Professor: Management.
DANIEL P. SULLIVAN, Ph.D. (South Carolina), Associate Professor: Management.
ANTHONY TOWNSEND, Ph.D. (Virginia Polytech), Assistant Professor: Information technology management.
BRET J. WAGNER, Ph.D (Michigan State), Assistant Professor: Operations Management.
GARY R. WEAVER, Ph.D (Iowa & Penn State), Assistant Professor: Management.
RICHARD M. WEISS, Ph.D. (Cornell), Associate Professor: Management.

Joint and Adjunct Appointments
Philosophy: DAVID W. HASLETT.

Economics
JAMES L. BUTKIEWICZ, Ph.D. (Virginia), Professor and Chair: Macroeconomics.
ELEANOR D. CRAIG, M.A. (Pennsylvania), Associate Professor and Associate Chair: Public finance.
KENNETH A. LEWIS, Ph.D. (Princeton), Chaplin Tyler Professor of Business and Associate Chair: Applied econometrics.
BURTON A. ABRAMS, Ph.D. (Ohio State), Professor: Public choice.
RICHARD J. AGNELLO, Ph.D. (Johns Hopkins), Associate Professor; also Associate Professor, College of Marine Studies: Econometrics.
MICHAEL A. ARNOLD, Ph.D. (California, Los Angeles), Associate Professor: Microeconomics.
STacie B. BECK, Ph.D. (Pennsylvania), Associate Professor: Monetary economics.
DAVID E. BLACK, Ph.D. (M.I.T.), Associate Professor: Microeconomics.
JOSEPH I. DANIEL, Ph.D. (Minnesota), Associate Professor: Industrial organization.
LAWRENCE P. DONNELLEY, Ph.D. (Brown), Associate Professor; also Associate Provost for International Programs and Special Sessions: International economics.
EVAogelos M. FALARIS, Ph.D. (Minnesota), Associate Professor: Development economics.
FARLEY GRUBB, Ph.D. (Chicago), Professor: Economic history.
WILLIAM HARRIS, Ph.D. (Virginia Tech), Assistant Professor: Microeconomics.
SAUL D. HOFFMAN, Ph.D. (Michigan), Professor: Labor economics.
KENNETH J. KOFOED, Ph.D. (California, Los Angeles), Professor; also Professor, Political Science: Industrial organization.
WILLIAM R. LATHAM III, Ph.D. (Illinois), Associate Professor: Urban and regional economics.
CHARLES R. LINK, Ph.D. (Wisconsin), Professor: Labor economics.
JEFFREY B. MILLER, Ph.D. (Pennsylvania), Professor: Monetary economics.
JAMES MULLIGAN, Ph.D. (Minnesota), Professor: Industrial organization.
JAMES B. O'NEILL, Ph.D. (Purdue), Professor, also Director, Center for Economic Education and Entrepreneurship: Economic education.
LAURENCE S. SEIDMAN, Ph.D. (California, Berkeley), Chaplin Tyler Professor: Macroeconomics.
RUSSELL F. SETTLE, Ph.D (Wisconsin), Professor: Public finance.
DAVID R. STOCKMAN, Ph.D (University of Chicago), Assistant Professor: Macroeconomics.
Biomedical Engineering

KENNETH E. BARNER, Ph.D. (Delaware), Assistant Professor of Electrical and Computer Engineering: Biomedical engineering, biological signal processing, human-computer interaction.

THOMAS S. BUCHANAN, Ph.D. (Northwestern), Associate Professor of Mechanical Engineering: Biomechanics and neural control of muscle coordination.

FRANCIS I. DOYLE III, Ph.D. (California Institute of Technology), Associate Professor of Chemical Engineering: Biological control systems, physiological regulatory mechanisms.

JOHN G. ELIAS, Ph.D. (Yale), Professor of Electrical and Computer Engineering: Neural networks, neural computation, parallel and distributed processors.

ABRAHAM M. LENHOFF, Ph.D. (Wisconsin), Professor of Chemical Engineering: Bioengineering, transport phenomena.

ANNE SKAJA ROBINSON, Ph.D. (Illinois), Assistant Professor of Chemical Engineering: Molecular and cellular engineering, protein folding and production.

M. ANDREW FIELDS, Ph.D. (Virginia Tech), Associate Professor and Chair: Corporate governance, corporate control, acquisitions.

KENNETH BIEDERMAN, Ph.D. (Purdue), Professor; also Interim Dean, College of Business and Economics: Investment strategies, financial markets, equities.

HELEN M. BOWERS, Ph.D. (South Carolina), Associate Professor: Corporate finance, financial markets and institutions.

DANIEL N. DELI, Ph.D. (Arizona State), Assistant Professor: Corporate finance and governance.

RUDOLPH E. D'SOUZA, Ph.D. (South Carolina), Associate Professor: Investments, corporate finance.

TIMOTHY E. DETWILER, M.B.A. (Western Illinois), Instructor: Undergraduate Advisor.

PHYLLIS Y. KEYS, Ph.D. (Florida State), Assistant Professor: Corporate governance and restructurings.

DONALD J. PUGLISI, D.B.A. (Indiana), MBNA America Business Professor: Investments, common stock, securities.

BRECK L. ROBINSON, Ph.D. (Tennessee), Assistant Professor: Financial institutions.

ROBERT L. SCHWEITZER, Ph.D. (Duke), Professor: Financial institutions.

RAJ D. VARMA, Ph.D. (Penn State), Associate Professor: Corporate governance, raising capital, large investors.

Chemical Engineering

ERIC W. KALER, Ph.D. (Minnesota), Elizabeth Inez Kelley Professor and Chair: Colloid and surfactant science, complex fluid thermodynamics, materials synthesis, small-angle scattering.

ION H. OLSON, D.Eng (Yale), Professor and Associate Chair, Undergraduate Programs: Catalysis, kinetics and reactor design, process control.

MARK A. BARTEAU, Ph.D. (Stanford), Robert L. Pigford Professor; also Professor, Chemistry and Biochemistry and Director, Center for Catalytic Science and Technology: Surface science and catalysis on metals and metal oxides, spectroscopic characterization of surfaces and catalysts.

ANTONY N. BERIS, Ph.D. (M.I.T.), Professor: Computational fluid mechanics, particularly of viscoelastic materials and free surface flows, numerical analysis on supercomputers and parallel computers, polymer processing.

DOUGLAS J. BUTTREY, Ph.D. (Purdue), Associate Professor: Synthesis, crystal growth, and characterization of materials for applications in superconductivity, catalysis and fast ion conduction.

COSTEL D. DENSON, Ph.D. (Utah), Professor; also Vice Provost for Research: Polymer processing and rheology, mixing, mass transfer, chemical reactions.

PRASAD DHURJATI, Ph.D. (Purdue), Professor: Biochemical engineering, process control, artificial intelligence.

FRANCIS I. DOYLE III, Ph.D. (California Institute of Technology), Associate Professor: Process identification and control, nonlinear process modeling, pulp and paper control, biosystems control.

HENRY C. FOLEY, Ph.D. (Penn State), Professor; also Professor, Chemistry and Biochemistry: Catalysis and separation, molecular sieves, metallic membranes, materials synthesis, mass transfer, adsorption and kinetics.

MARYLIN C. HUFF, Ph.D. (Minnesota), Assistant Professor: Reaction engineering and catalysis, transport phenomena, novel catalyst design.

ABRAHAM M. LENHOFF, Ph.D. (Wisconsin), Professor: Transport phenomena, separation processes, biophysics and bioengineering.
ROBERT A. DALRYMPLE, Ph.D. (Florida); Assistant Professor: Inorganic materials synthesis and characterization, catalysis and kinetics, and adsorption and separations.

ROY L. MCCULLOUGH, Ph.D. (New Mexico); Professor: Polymer composites, polymer physics.

ANNE SKAIJA ROBINSON, Ph.D. (Illinois); Assistant Professor: Molecular and cellular engineering for improved protein production.

T. W. FRASER RUSSELL, Ph.D. (Delaware); Allan P. Coburn Professor; also Chief Engineer, Institute of Energy Conversion; Semiconductor reaction and reactor engineering, photovoltaic unit operations, multi-phase fluid mechanics.

STANLEY I. SANDLER, Ph.D. (Minnesota); Henry Belin du Pont Professor; also Director, Center for Molecular and Engineering Thermodynamics and Henry Belin du Pont Professor of Chemistry and Biochemistry; Thermodynamics, statistical mechanics and liquid-state theory phase equilibria, separations processes, biochemical processes.

JEROLD M. SCHULTZ, Ph.D. (Carnegie Institute of Technology); C. Ernest Birchall Professor of Chemical Engineering; also Professor, Materials Science. Materials science, structure and properties of polymers, x-ray diffraction technology.

ANNETTE D. SHINE, Ph.D. (MIT); Associate Professor: Polymer and composite rheology and processing, polymer degradation.

NORMAN J. WAGNER, Ph.D. (Princeton); Professor: Material micromechanics, interfacial mechanics, adsorption/removal.

RICHARD P. WOOL, Ph.D. (Utah); Professor: Polymer physics, interfaces, composites, dynamics, fracture, biodegradation, materials science.

ANDREW L. ZYDNEY, Ph.D. (M.I.T.); Professor: Biological separations, artificial organs, membrane processes.

Joint and Adjunct Appointments


Off-Campus Faculty: ARTHUR W. ETHELLS, Ph.D.; JAMES J. GRANT, M.CHE.; RICHARD GRENVILLE, Ph.D.; ALLAN E. JONES, Ph.D.; KENNETH L. MULHOLLAND, Ph.D.; ROBERT SYLVESTER, B.S.; JAMES N. TILTON, Ph.D.; E. ALAN UEHLER, Ph.D.

Civil and Environmental Engineering

CHIN P. HUANG, Ph.D. (Harvard); Distinguished Professor of Environmental Engineering and Chair; also Professor, Marine Studies. Industrial waste management, interfacial phenomena, water chemistry.

DOV LESCHINISKY, Ph.D. (Illinois); Professor and Associate Chair: Soil mechanics, geotechnical engineering.

HERBERT E. ALLEN, Ph.D. (Michigan); Professor: Water and sediment chemistry, heavy metal pollution.

DANIEL KUHYON CHA, Ph.D. (California, Berkeley); Assistant Professor: Process control of biological wastewater treatment facilities, biotransformation of organic and inorganic toxic pollutants, bioremediation engineering.

MICHAEL J. CHAJES, Ph.D. (California, Davis); Associate Professor and Coordinator, Civil Engineering: Structural design and analysis, infrastructure evaluation and rehabilitation.

ALEXANDER H.-D. CHENG, Ph.D. (Cornell); Professor and Coordinator, Departmental Graduate Programs; also Professor, Marine Studies. Water resources, groundwater flow, hydraulic fracturing, poroelasticity, boundary element methods.

PEI CHIU, Ph.D. (Stanford); Assistant Professor: Environmental redox chemistry, halogenated organic pollutants.

ROBERT A. DALRYMPLE, Ph.D. (Florida); Edward C. Davis Professor; also Professor, Marine Studies; also Director, Center for Applied Coastal Research: Coastal engineering, coastal processes, hydrodynamics.

STEVEN K. DENTEL, Ph.D. (Cornell); Professor and Coordinator, Environmental Engineering: Application of colloid and interface science to water and wastewater treatment processes.

ARDESHIR FAGHERI, Ph.D. (Virginia); Associate Professor: Traffic analysis, highway design.

KEVIN J. FOLLIARD, Ph.D. (California at Berkeley); Assistant Professor: Concrete materials, high-performance concrete, durability of construction materials.

JOHN W. GILLESPIE, Jr., Ph.D. (Delaware); Professor: also Professor, Marine Science and Engineering and Associate Director, Center for Composite Materials. Composite materials, experimental mechanics, fracture mechanics, residual stress analysis joining.

PAUL T. IMHOFF, Ph.D. (Princeton); Assistant Professor: Groundwater hydrology, transport, mass transfer processes.

VICTOR N. KALIYAKIN, Ph.D. (California, Davis); Associate Professor: Computational mechanics, structural mechanics, geomechanics.

ARNOLD D. KERR, Ph.D. (Northwestern); Professor: Engineering mechanics, structural analyses, ice engineering, and railroad engineering.

SHINYA KIKUCHI, Ph.D. (Pennsylvania); Professor: Transportation engineering, urban transportation systems, logistics, operations research.

JAMES T. KIRBY, Ph.D. (Delaware); Professor; also Professor, Marine Studies: Ocean and coastal engineering.

NOBUHISA KOBAYASHI, Ph.D. (M.I.T.); Professor; also Professor, Marine Studies: Coastal engineering, coastal structures, sediment transport mechanisms.

DENNIS R. MERTZ, Ph.D. (Lehigh); Associate Professor: Structural design, fatigue and fracture, design methodologies.

HARRY W. SHENTON, Ph.D. (Johns Hopkins); Assistant Professor: Structural dynamics, earthquake and wind engineering, civil structural control, experimental methods.

IB A. SVENDSEN, Ph.D. (Technical University, Denmark); Distinguished Professor of Ocean Engineering; also Professor, Marine Studies: Coastal engineering, wave mechanics, hydrodynamics, ship maneuvering.

Joint and Adjunct Appointments

Bioresources Engineering: WILLIAM F. RITTER.

Marine Studies: MOHSEN BADIEY, GEORGE W. LUTHER, III.

Mathematical Sciences: ROBERT P. GILBERT; ROBERT M. STARK.

Plant and Soil Sciences: DONALD L. SPARKS.

Adjunct Appointments: P.C. CHIANG, Ph.D.; I. DUFFIELD, M.S.; DR ISS OUAZAR, Ph.D.

Electrical and Computer Engineering

GONZALO R. ARCE, Ph.D. (Purdue); Professor and Interim Chair; also Professor, Marine Studies: Communications theory, image processing and coding, signal processing, pattern recognition.

KENNETH E. BARNER, Ph.D. (Delaware); Assistant Professor: Signal, image, biomedical, and robust signal processing, nonlinear systems, communications and human-computer interaction.

PAUL R. BERGER, Ph.D. (Michigan); Associate Professor: Optoelectronic circuits and devices.

CHARLES G. BONCELET, Ph.D. (Princeton); Professor: Signal processing, control theory, digital communications, complexity theory.

PHILLIP CHRISTIE, Ph.D. (Durham, England); Associate Professor: Optical interconnects for VLSI, heteroepitaxial crystal growth.

JOHN G. ELIAS, Ph.D. (Yale); Professor: Parallel and distributed processor systems, computer architecture, neural networks, and neurocomputation.

GUANG-RONG GAO, Ph.D. (M.I.T.); Professor: Computer architecture, parallel and distributed systems, VLSI and application-specific system design.

ROBERT G. HUNSPEKER, Ph.D. (Cornell); Professor: Semiconductor devices and materials, optoelectronics, optical integrated circuits, microwave devices.

CHARLES S. IH, Ph.D. (Pennsylvania); Professor; also Professor, Marine Studies: Electrooptical systems, applications of lasers and holography, input/output devices, coherent imaging systems.
ASHEFAQ A. KHOKHAR, Ph.D. (Southern California), Assistant Professor; Parallel algorithms and architectures, software systems for high performance computing.

JAMES KOLODZEY, Ph.D. (Princeton), Professor; Optoelectronic materials and devices, molecular beam epitaxy, high-frequency measurements.

DAVID L. MILLS, Ph.D. (Michigan), Professor; Computer networking architecture and protocol design, multimedia message systems.

JOHN M. OLAWALE, Ph.D. (California Institute of Technology), Associate Professor; Physics and technology of semiconductor devices/materials including processing, characterization analyses and integration, metallization for ULSI.

DENNIS W. PRATHER, Ph.D. (Maryland), Assistant Professor; Numerical electromagnetic modeling of passive and active optical devices, diffractive and holographic optics, micro-optical processing systems, and optical communications.

DANIEL W. van der WEIDE, Ph.D. (Stanford), Associate Professor; Ultrafast electronics applied to spectroscopy and microscopy, low-dimensional electron systems, middle ear implants.

DARREN E. VENROFF, Ph.D. (Brown), Assistant Professor; I/O systems for high-performance computing, including algorithms, implementation environments, and operating system support, microarchitectural simulation systems.

PETER J. WARTER, Ph.D. (Princeton), Professor; Hardware database systems, printing systems, electrophotographic imaging, image processing and representation.

XIAO-GEN XIA, PhD. (Southern California), Associate Professor; Wireless communications, error control coding and trellis coded modulations, multirate filterbanks and wavelet transforms, time-frequency analysis and synthesis.

Joint and Adjunct Appointments

Computer and Information Sciences: PAUL D. AMER

Marine Studies: VICTOR V. KLEMAS.

Mathematical Sciences: M. ZUHAIR NASHED

Adjunct Faculty: A. BRINTON COOPER, Ph.D. • MICHAEL J. PIOVOSO, Ph.D.

Materials Science and Engineering

JOHN F. RABOLT, Ph.D. (Southern Illinois), Professor and Chair: Macromolecular assemblies, spectroscopy, thin organic films.

DOUGLAS J. BUTTREY, Ph.D. (Purdue), Associate Professor; also Associate Professor, Chemical Engineering: Inorganic oxide synthesis and crystal growth, characterization and processing: electronic materials.

JINGGUANG G. CHEN, Ph.D. (Pittsburgh), Associate Professor; Surface and interface, nanostructured devices and sensors, environmental catalysis.

TSU WEI CHOU, Ph.D. (Stanford), Jerzy L. Nowinski Professor; also Jerzy L. Nowinski Professor of Mechanical Engineering: Composite materials, fracture, defect theory, applied mechanics.

STEPHEN C. DEXTER, Ph.D. (Delaware), Professor; also Professor of Marine Studies: Electrochemical and biologically influenced corrosion, marine corrosion, surface chemistry and physics of microbial biological attachment, biofouling.

RUSHAD F. EDULIEE, Ph.D. (Delaware), Assistant Professor; also Scientist, Center for Composite Materials: Micromechanics, residual stress development, effect of residual stresses on performance, accelerated test methods for thermal aging and thermal cycling of composites.

MARY E. GALVIN, Sc.D. (MIT), Professor; Electrochromic polymer composites, polymer synthesis, polymer blends, inorganic/organic nanocomposites.

JOHN W. GILLESPIE, Jr., Ph.D. (Delaware), Professor; also Professor, Civil and Environmental Engineering and Associate Director; Center for Composite Materials: Composite materials, experimental mechanics, fracture mechanics, residual stress analysis joining.

IAN W. HALL, Ph.D. (Leeds), Associate Professor; also Associate Professor of Mechanical Engineering: Electron microscopy, metal matrix composites, titanium alloys, mechanical metallurgy.

ROY L. MCCULLOUGH, Ph.D. (New Mexico), Professor; also Professor of Chemical Engineering: Polymer physics, composite materials.

AZAR PARVIZI MAJDIDI, Ph.D. (Surrey), Associate Professor; also Associate Professor, Mechanical Engineering: Processing and mechanical properties of composite materials, ceramic matrix composites, textile composites.

JEROLD M. SCHULTZ, Ph.D. (Carnegie), C. Ernest Birchnell Professor, also C. Ernest Birchnell Professor of Chemical Engineering: Polymeric materials, diffraction technology, crystalization, composites.

S. ISMAT SHAH, Ph.D. (Illinois, Urbana-Champaign), Associate Professor; also Associate Professor, Physics and Astronomy: Thin films, surface and interface, nanostructured materials, composites.

Mechanical Engineering

SURESH G. ADVANI, Ph.D. (Illinois, Urbana-Champaign), Acting Chair and Professor: Computational fluid mechanics and heat transfer, polymer and composites processing, transport phenomena in manufacturing processes, non-Newtonian fluid mechanics and rheology.

SUNIL K. AGRAWAL, Ph.D. (Stanford), Associate Professor: Control of mechanical systems, robotics, optimization.

THOMAS S. BUCHANAN, Ph.D. (Northwestern), Associate Professor: Musculoskeletal biomechanics, neural control of movement, medical imaging.

TSU WEI CHOU, Ph.D. (Stanford), Jerzy L. Nowinski Professor; Composite materials, crystal defect theory, micro-biomechanics, fracture of solids and applied mechanics.

MICHAEL D. GREENBERG, Ph.D. (Cornell), Professor: Applied mathematics, fluid mechanics.

IAN W. HALL, Ph.D. (Leeds), Associate Professor; Metal matrix composites, electron microscopy, materials science, metallurgy.

MICHAEL KEEFE, Ph.D. (Minnesota), Associate Professor: Computer-aided design, mechanical design, system modeling and rapid tooling.

JOHN M. LAMBROS, Ph.D. (California Institute of Technology), Assistant Professor: Dynamic and quasi-static fracture, thermomechanical modelling and failure mechanics of composites, fracture of inhomogenous and functionally graded solids.

AZAR PARVIZI MAJDIDI, Ph.D. (Surrey), Associate Professor: Fracture and failure of composites, ceramic matrix composites, experimental methods, optimization.

AJAY K. PRASAD, Ph.D. (Stanford), Associate Professor; Particle imaging techniques for fluid mechanics and heat transfer, vortex dynamics, entainment in heated jets, mixing studies.

R. VALERY ROY, Ph.D. (Rice), Associate Professor: Nonlinear stochastic and deterministic dynamics, chaotic dynamics, vibrations, numerical analysis, applied mathematics.

MICHAEL H. SANTARE, Ph.D. (Northwestern), Associate Professor: Fracture mechanics, continuum mechanics, composite structures, orthopedic biomechanics.

LEONARD W. SCHWARTZ, Ph.D. (Stanford), Professor; also Professor; Mathematical Sciences: Fluid mechanics, multiphase flow, applied mathematics.

JIAN-QIAO SUN, Ph.D. (California, Berkeley), Associate Professor: Nonlinear dynamics, nonlinear control, smart materials, vibration and noise control, manufacturing process control.

ANDRAS Z. SZEKI, Ph.D. (Leeds), Robert L. Spencer Professor; also Interim Dean, College of Engineering: Applied mechanics, fluid mechanics, tribology.

JACK R. VINSON, Ph.D. (Pennsylvania), H. Fletcher Brown Professor; also H. Fletcher Brown Professor, Marine Studies: Structural mechanics, anisotropic composite materials, plate and shell theory, structural optimization, aerospace structures, sandwich structures.

HAI WANG, Ph.D. (Penn State), Assistant Professor: Combustion, combustion-generated pollutants, high-temperature chemical kinetics.

LIAN-PING WANG, Ph.D. (Washington State), Assistant Professor: Computational fluid dynamics, turbulence, multiphase flow, particulate processing.
ANTHONY S. WEXLER, Ph.D (California Institute of Technology), Associate Professor: Air pollution, aerosols, dosimetry/toxicology, functional electrical stimulation of muscles.

DICK I. WILKINS, Ph.D (Oklahoma), Professor: Learning, design integration, composites durability and damage tolerance.

Joint and Adjunct Appointments

Bioreouc introducing: JAMES L. GLANCEY

Marine Studies: PAULO HUQ

Research Faculty: TARIQ RAHMAN, Ph.D

Adjunct Faculty: RICHARD A. CAIRCROSS, Ph.D; SHIYI CHEN, Ph.D; STEPHEN DANFORTH, Ph.D; RICHARD ELEY, Ph.D; BRUCE K. FINK, Ph.D; EDWARD P. GARGULIO, Ph.D; ROGER V. GONZALEZ, Ph.D; SAID JAHANMIR, Ph.D; KOSTAS KONTOMARIS, Ph.D; FREEMAN MILLER, Ph.D; OLIVER RODGERS; PETER POPPER, Ph.D; KARL V. STEINE, Ph.D.

COLLEGE OF HEALTH AND NURSING SCIENCES

Office of the Dean

BETTY J. PAULANKA, Ed.D (Temple), Dean and Professor.

PAMELA B. BEEMAN, Ph.D (Pennsylvania), Associate Dean and Associate Professor.

JUDY T. HAHN, Assistant to the Dean

AMY L. TAYLOR, M.B.A. (Delaware), Business Manager.

Biomechanics and Movement Science

JAMES G. RICHARDS, Ph.D (Indiana), Program Director; also Associate Professor, Health and Exercise Sciences: Device design and gross musculoskeletal modeling, gait analysis, sport biomechanics.

SUNIL AGRAWAL, Ph.D (Northwestern), Associate Professor, Mechanical Engineering: Control of mechanical systems, robotics, optimization

DAVID A. BARLOW, Ph.D (Indiana), Associate Professor and Chair, Health and Exercise Sciences: Sport biomechanics, equine biomechanics, anatomy

KENNETH E. BARNER, Ph.D. (Delaware), Assistant Professor, Electrical and Computer Engineering: Signal and image processin in human movement and human-computer interaction systems.

STUART A. BINDER-MACLEOD, Ph.D, PT (Medical College of Virginia), Professor, Physical Therapy: Neurophysiology, relationship between activation frequency and force output of skeletal muscle, muscle fatigue.

THOMAS S. BUCHANAN, Ph.D. (Northwestern), Associate Professor, Mechanical Engineering: Musculoskeletal modeling, EMG-driven biomechanical models, neural control of arm postures, neuromuscular mechanisms of knee joint stability.

RICHARD FOULDS, Ph.D. (Tufts), Research Professor, Computer and Information Sciences; also Director of the Applied Science and Engineering Laboratories; Gestim biomechanics, oculomotor study, telemanipulation computer/human interaction, and gesture recognition.

MICHAEL KEEFE, Ph.D. (Minnesota), Associate Professor, Mechanical Engineering: Geometric modeling of complex biological surfaces.

IRENE S. MCCLOY, Ph.D, PT (Penn State), Associate Professor, Physical Therapy: Biomechanics, lower extremity mechanics, injury, locomotion, treatment, intervention.

FREEMAN MILLER, M.D. (Colorado), Department of Orthopedics, A.J. duPont Institute: Pediatric biomechanics, birthing injury analysis, gait analysis of children with cerebral palsy.

ROBERT E. NEEVES, Ph.D (Utah), Professor, Health and Exercise Sciences: EKG interpretation, physiological response to exercise induced stress, function, and human organ plastination.

TARIQ RAHMAN, Ph.D (Drexel), Research Assistant Professor, Computer and Information Sciences; also Research Associate, Center for Applied Science and Engineering: Application of extended physiological proprioception to the control of robots, and prostheses.

MICHAEL H. SANTARE, Ph.D (Northwestern), Associate Professor, Mechanical Engineering: Fracture mechanics, continuum mechanics, composite structures, orthopedic biomechanics.

JOHN P. SCHOLZ, Ph.D., PT (Connecticut), Associate Professor, Physical Therapy: Movement coordination, movement disorders, regulation of limb stiffness.

LYNN SNYDER-MACKLER, PT, Sc.D. (Boston University), Associate Professor, Physical Therapy: Neuromuscular physiology, applied anatomy, anterior cruciate ligament injury.

JIAN-QAO SUN, Ph.D (Utah), Associate Professor, Mechanical Engineering: Suppression of abnormal tremor, stability of human movement.

ANTHONY S. WEXLER, Ph.D (Cal. Tech.), Professor, Mechanical Engineering: Human skeletal muscle, renal concentrating mechanism, deposition of atmospheric aerosols in human airways.

Health and Exercise Sciences

DAVID A. BARLOW, Ph.D (Indiana), Associate Professor and Chair: Biomechanical aspects of sport science/medicine.

AVRON ABRAHAM, Ph.D (Connecticut), Associate Professor: Exercise physiology and health fitness.

JANICE BIBIK, M Ed. (Syracuse), Associate Professor: Teaching and curriculum.

PAUL G. BILLY, Ph.D (Syracuse), Associate Professor: Teaching and curriculum.

JEROME D. BROWN, JR., M.S. (Delaware), Instructor: Health education.

KAREN F. EDWARDS, Ed.D (Temple), Assistant Professor: Health education.

STEPHEN C. GOODWIN, Ph.D. (Penn State), Associate Professor: Health education.

WILLIAM H. JOHNSON, JR., M.S. (Delaware), Academic Advisor.

BARBARA J. KELLY, Ph.D (Delaware), Professor: Philosophy, history, women in physical education.

JAMES W. KENT, Ph.D (Iowa), Associate Professor: Curriculum/pedagogical techniques in physical education.

ROBERT E. KRAFT, Ed.D (Syracuse), Professor: Motor development, elementary physical education.

RON E. LUDINGTON, Director, Ice Skating Science Development Center.

ANN R. MCNEIL, Ed.D. (Delaware), Associate Professor: Teacher education.

ROBERT E. NEEVES, Ph.D (Utah), Professor: Exercise physiology.

JOHN J. O'NEILL, M.Ed. (Delaware), Associate Professor; also Director, Recreation and Intramurals.

JOYCE E. PERRY, B.S (University of Delaware), Assistant Professor: Health and Exercise Sciences; also Director, Recreation and Intramurals.

MICHAEL PETERSON, Ed.D (Kentucky), Associate Professor: Health education.

P. MICHAEL PROVOST-CRAIG, Ph.D. (Maryland), Associate Professor: Exercise physiology, cardiac rehabilitation.

JAMES G. RICHARDS, Ph.D (Indiana), Professor: Applied biomechanics.

JANET A. SMITH, Ed.D (Delaware), Associate Professor: Health and Exercise Sciences; also Director, Recreation and Intramurals: Outdoor recreation, adventure, and challenge education, outdoor education, recreation administration.

D ALLAN WATERFIELD, Ph.D. (Ohio State), Professor: Exercise physiology.

Joint Appointments

Intercollegiate Athletics: JOAN COUCH, ANTHONY DECKER, BONNIE JILL, JEFFREY, JAMES W. FISCHER, SCOTT ORZENDA, KEITH A. HANDLE, ROBERT M. HANNAN, JOHN T HAYMAN, MICHAEL J. HIGGINS, MARY ANN HITCHENS, EDGAR N. JOHNSON, SEAN KEARNEY, THEODORE KEMPIS, JAMES W. KENT, LOREN E. KLINE, EDWARD MALEY, SUSAN M. McGRATH-Powell, HAROLD R. RAYMOND, MARC SAMONISKY, JOHN SCHUSTER, ROBERT SHILLINGLAW, TRINA WILSON.
Medical Technology

ANNA P. CIULLA, M.C.C. (Hahnemann), Associate Professor and Chair: Clinical chemistry.

MARGARET R. BRABENDER, B.S. (Belmont), Laboratory Coordinator: Phlebotomy, parasitology, urinalysis, virology, immunology.

KAREN R. COLE, B.S. (Delaware), Laboratory Coordinator: Clinical chemistry.

DEBORAH COSTA, B.S. (Delaware), Education Coordinator: Phlebotomy, clinical chemistry, clinical practicums.

ELYSE E. FORAKER, B.S. (Millersville), Laboratory Coordinator: Medical microbiology, mycology.

DONALD C. LEHMAN, M.Sc. (Wright State), Assistant Professor: Medical microbiology, parasitology, computers, statistics.

VICTORIA L. MADUSKUIJE, B.S. (Indiana University of Pennsylvania), Laboratory Coordinator: Hematology, immunohematology.

RAELENE E. MASER, Ph.D. (Pittsburgh), Associate Professor: Diabetic complications, neuropathy, epidemiology, hematology.

MARY ANN McLANE, Ph.D. (Temple), Assistant Professor: Integrin-ligand interactions, clinical chemistry.

MARY BETH MIELE, Ph.D. (Penn State), Assistant Professor: Melanoma, cancer metastasis, immunodiagnostics, microbiology.

KENNETH L. SISCO, M.D. (Arkansas), Ph.D. (Johns Hopkins), Adjunct Associate Professor and Medical Director: Anatomic and clinical pathology, molecular biology.

Nursing

JANICE A. SELEKMAN, D.N.Sc. (Pennsylvania), Professor and Chair: Nursing of children.

PAMELA BEEMAN, Ph.D. (Pennsylvania), Associate Professor; also Associate Dean, College of Health and Nursing Sciences; Maternal/child health.

MARGARET L. BINNEY, Ph.D. (Wayne State), Associate Professor: Cardiopulmonary nursing.

LINDA BUCHER, D.N.Sc. (Widener), Associate Professor: Medical-surgical nursing, critical care.

CHRISTINE CALAMARO, M.S.N. (Pittsburgh), Clinical Director: Family nurse practitioner.

CHRISTINE A. CANNON, Ph.D. (Delaware), Associate Professor: Medical-surgical nursing.

SHEILA CUSHING, M.S. (Maryland), Laboratory Coordinator: Medical-surgical nursing.


PATRICIA DRAKE, M.S.N. (Delaware), Instructor: Maternal/child health.

JAYNE I. FERNSLER, D.S N. (Alabama), Professor: Oncology/immune deficiency nursing.

LAURA S. GRIFFIN, M.S. (Delaware), Assistant Professor: Medical-surgical nursing.

PATRICIA G. GRIM, Assistant to the Chair.

BETHANY HALL-LONG, Ph.D. (George Mason), Assistant Professor: Community health.

THOMAS L. HARDIE, Ed.D (Columbia), Assistant Professor: Psychiatric nursing.

EVELYN R. HAYES, Ph.D. (Boston University), Professor: Public health and family nurse practitioner programs.

JUDY HENDRICKS, M.S. (Delaware), Assistant Professor: Adult health nurse practitioner.

JUDY HERRMAN, M.S. (Delaware), Instructor: Maternal/child health.

BARBARA A. HYATT, M.S. (Delaware), Assistant Professor: Psychiatric and mental health nursing.

PAULA R. KLEMM, D.N.Sc. (Catholic University of America), Associate Professor: Oncology.

MADELINE LAMBRECHT, Ed.D (Temple), Associate Professor of Nursing; also Director, Division of Special Programs: Psychiatric and mental health nursing.

LISA McBETH-SNYDER, M.S.N (California), Instructor: Maternal/child health.

MARY ANN MILLER, Ph.D. (Temple), Associate Professor: Perinatal/women’s health nursing.

CAROL MOORE, M.S. (Pace), Instructor: Family nurse practitioner programs.

BETTY J. PAULKANKA, Ed.D. (Temple), Professor and Dean, College of Health and Nursing Sciences: Psychiatric and mental health nursing.

LISA PLOWFIELD, Ph.D. (Virginia), Assistant Professor: Trauma, critical care.

LUCILLE W. PULLIAM, D.S.N. (Alabama), Associate Professor: Geriatric/gerontologic nursing.

LARRY PURNELL, Ph.D. (Columbia Pacific), Professor: Nursing administration, transcultural health care.

JEAN RAYMOND, M.S. (Delaware), Instructor: Gerontology.

CHRISTINE REILLY, Ph.D (California School of Professional Psychology), Associate Professor: Psychiatric disorders, cognitive therapy, treatment outcomes.

AMY SAUNDERS, M.S.N (Delaware), Instructor: Pediatrics.

KATHLEEN A. SCHELL, M.S (Delaware), Instructor: Cardiopulmonary nursing, critical care.

BARBARA L. SHEER, D.N.Sc. (Widener), Assistant Professor: Family nurse practitioner.

MARY BETH SNYDER, M.S. (Delaware), Instructor: Medical-surgical nursing.

ALAN E. START, A.S. (Del Tech), Coordinator, Media Services.

GAIL H. WADE, M.S. (Delaware), Assistant Professor: Maternal/child health.

KATHLEEN WARREN, M.S.N. (Massachusetts General), Instructor: Obstetric/Gynecologic health nurse practitioner.

JULIE K. WATERHOUSE, Ph.D. (Delaware), Associate Professor: Medical-surgical nursing.

ERLINDA WHEELER, Ph.D. (SUNY), Assistant Professor: Medical-surgical nursing.

Nutrition and Dietetics

JACK L. SMITH, Ph.D. (Cincinnati), Professor and Chair: Nutritional assessment, nutrition education for health professionals, iron nutrition.

LETA P. ALJADIR, M.S. (Drexel), Associate Professor: Maternal and fetal nutrition, metabolic effects of dietary fiber, computer-based nutrition education.

NANCY COTUGNA, Dr.Ph (Loma Linda), Professor: Dietetics education, community/public health nutrition, cancer risk reduction.

ALEXANDER R. DOBERENZ, Ph.D. (Arizona), Professor: Human nutrition, calcified tissue.

MARI T. PANELLI-KUCZMARI, Ph.D. (Rutgers), Professor: Gerontological nutrition, nutritional assessment methods.

CHENG-SHUN FANG, Ph.D. (Nebraska), Assistant Professor: Lipid metabolism, dietary fiber and diseases, nutritional assessment.

CHARLENE HAMILTON, Ph.D., R.D. (Massachusetts), Associate Professor: Computer applications, attitudinal measurements.

ELIZABETH M. LIEUX, Ph.D. (Delaware), Associate Professor: Labor productivity, total quality management, management styles, educational strategies.

CAROLYN K. MANNING, M.Ag. (Florida), Associate Professor: Food safety education, child nutrition, food service systems, productivity.

ANN RUCINSKI, M.A., R.D. (Immaculata College), Supervisor, Dietetic Internship Program.

KELEBOGLE V. SETIOLOANE, Ph.D. (Tufts University), Assistant Professor: Under-nutrition in children of urban and developing countries.

CONNIE E. VICKERY, Ph.D. (Virginia Tech), Professor: Clinical dietetics education, nutrition education, nutrition counseling, nutrition and the elderly.

Joint and Adjunct Appointments

Animal and Food Sciences: O. SUE SNIDER.
Division of Special Programs

MADELINE LAMBERT, Ed.D. (Temple), Director; also Associate Professor of Nursing
KAREN M. AVINO, B.S.N., R.N. (Delaware), Distance Learning Recruiter
LORI L. HUBNER, M.S.N., R.N. (Delaware), BRN Coordinator

COLLEGE OF HUMAN RESOURCES,
EDUCATION AND PUBLIC POLICY

Office of the Dean

DANIEL RICH, Ph.D. (M.I.T.), Dean; also Professor, School of Urban Affairs and Public Policy, and Professor, Political Science and International Relations
MARY HELEN CALLAHAN, M.A. (Harvard), Assistant to the Dean for Advancement and Special Programs; also Executive Director, Urban Affairs Association
GRACE E. DEHELE, B.A. (Gettysburg), Assistant to the Dean for Financial Management
STUART J. SHARKEY, M.Ed. (St. Lawrence), Director, also Associate Professor, Individual and Family Studies
ELAINE M. STOTKO, Ph.D. (Delaware), Senior Assistant Dean, also Assistant Professor, Education

Consumer Studies

KAREN F. STEIN, Ph.D. (Delaware), Associate Professor and Chair: Leadership, public policy, consumer economics
CAROL R. DENSON, Ph.D. (Delaware), Associate Professor: Disabilities studies, consumer policy issues
AUDREY L. HELFMAN, Ph.D. (Delaware), Assistant Professor and LEAD Program Director: Leadership, human resources development, and organizational change
JANET HETHORN, Ph.D. (University of Minnesota), Associate Professor: Visual culture, design process and innovation
MARY JO KALLAL, M.S. (Southern Illinois), Professor: CAD, apparel design innovation
HYE-SHIN KIM, Ph.D. (Iowa State), Assistant Professor: Consumer behavior, apparel merchandising and retailing
JOHN E. KUSHMAN, Ph.D. (North Carolina), Professor: Consumer economics, leadership
ROSETTA S. LAFLEUR, Ph.D. (Tennessee), Associate Professor: Computer-aided merchandising planning
JANE M. LAMB, Ph.D. (Tennessee), Associate Professor: Social psychology, leadership studies, dress
FRANCES W. MAYHEW, M.S. (Delaware), Associate Professor: Costume textile history, material culture
JAMES L. MORRISON, Ed.D. (Temple), Professor: Consumer economics, leadership, online commerce
BELINDA T. ORZADA, Ph.D. (Florida State), Assistant Professor: Apparel design, fashion drape characteristics
KAREN E. SCHAUFFLER, M.S. (Penn State), Associate Professor: Fashion, visual presentation, artwear
JUDITH B. VAN NAME, Ph.D. (Virginia Tech), Associate Professor: Family economics and resource management

Joint Appointments

Urban Affairs and Public Policy: Maria P. Aristigueta, Deborah P. Auger, Robert B. Denhardt

Education

ROBERT HAMPEL, Ph.D (Cornell), Interim Director and Professor, also Coordinator, Ed. D. Program in Educational Leadership; History of education, contemporary educational policy

DOUGLAS A. ARCHBALD, Ph.D. (Wisconsin), Associate Professor: Educational leadership

GEORGE G. BEAR, Ph.D. (Virginia), Professor: Cognitive psychology, assistive technology, and educational technology and human factors

DAVID BLACKER, Ph.D. (Illinois), Assistant Professor: Philosophy

JAN H. BLITS, Ph.D. (New School for Social Research), Professor, also Professor, Political Science and International Relations: Philosophy and politics of education

NANCY W. BRICKHOUSE, Ph.D. (Purdue), Associate Professor: Science education

ALBERT R. CAVALIER, Ph.D. (Alabama), Associate Professor: Cognitive psychology, assistive technology, educational technology and human factors

JAMES H. CROUSE, Ph.D. (Northwestern), Professor: also Professor, Sociology and Criminal Justice: Sociology of education, social and economic stratification

BARBARA K. CURRY, Ed.D. (Harvard), Associate Professor: Educational leadership

ZOUBEIDA R. DAGHER, Ph.D. (Iowa), Associate Professor: Science education

JAMES E. DAVIS, Ph.D. (Cornell), Associate Professor: Evaluation research and policy analysis

LAURA T. EISENMAN, Ph.D. (Vanderbilt), Assistant Professor: Secondary special education, transition to adult life for students with disabilities

RALPH P. FERRETTI, Ph.D. (Alabama), Professor: also Professor: Psychology: Cognitive psychology, cognitive development and disabilities, problem solving, instruction, and special educational technology

JOSEPH J. GLUTTING, Ph.D. (Pennsylvania), Professor: School psychology, psychoeducational assessment, educational measurement

JOANNE M. GOLDEN, Ph.D. (Ohio State), Professor, and Coordinator, Ph.D. Program in Curriculum and Instruction: Language Arts

ROBERTA L. GOLINKOFF, Ph.D. (Cornell), H. Rodney Sharp Professor, also Assistant Professor: Linguistics: Language acquisition, communication development, cognitive development, and psychology of reading

LINDA S. GOTTFREDSON, Ph.D. (Johns Hopkins), Professor: Educational policy, societal consequences of IQ differences, career development, occupational structure, differences in education and employment by race, sex, and physical handicap

GABRIELLA HERMON, Ph.D. (Illinois), Associate Professor, also Associate Professor: Linguistics: Language acquisition, principles and parameters framework, syntactic theory, language processing, and text analysis of problems of reading

JAMES HIEBERT, Ph.D. (Wisconsin), H. Rodney Sharp Professor: Mathematics education

FRED HOETSTETER, Ph.D. (Ohio State), Professor: Technology instruction

NANCY C. JORDAN, Ed.D. (Harvard), Associate Professor: Reading, language and learning disabilities

DAVID W. KAPLAN, Ph.D. (California, Los Angeles), Professor, also Professor: Psychology: Educational statistics, factor analysis, and structural equation modeling

CHARLES A. MACARTHUR, Ph.D. (American), Professor: Special education, reading and writing skills for learning disabled students, vocational assessment of children

VICTOR R. MARTUZA, Ph.D. (Maryland), Associate Professor, also Director, Center for Intercultural Teacher Education: Measurement and evaluation, education and development, content of education, and statistical graphics

EUGENE L. MATUSOV, Ph.D. (California at Santa Cruz), Assistant Professor: Instruction and cognition

RODNEY MCNAIR, Ph.D (University of Delaware), Assistant Professor: Mathematics education

KATHLEEN M. MINKE, Ph.D. (Indiana), Associate Professor: Early intervention for children with disabilities and at-risk children
FACULTY AND PROFESSIONAL STAFF

JOSEPH DIGREGORIO, A.O.S. (Culinary Inst.), Executive Chef and Lecturer: Quantity foods
DEBORAH ELLINGSWORTH, B.A. (Delaware), Executive Sous Chef and Instructor: Food principles
FRANCIS A. KWANSA, Ph.D. (Virginia Tech), Associate Professor: Financial management, managerial accounting
JAMES A. KWANSA, B.A. (Delaware), General Manager and Lecturer: Quantity foods.
JAMES A. MYERS, Ph.D. (Michigan State), Assistant Professor: Travel tourism, marketing
ROBERT R. NELSON, M.B.A. (Drexel), Associate Policy Scientist and Assistant Professor: Tourism development, food production, contracts
ALI A. POORANI, Ph.D. (U.S. International), Associate Professor: Human resources management, organizational leadership
PAUL J. SESTAK, B.S. (Drexel), Associate Professor: Hotel architecture, historic property restoration.
PATRICIA WOODWARD, B.A. (Mercyhurst College), Dining Room Manager.

Individual and Family Studies

KATHERINE CONWAY-TURNER, Ph.D. (Kansas), Professor and Chair: also Professor, Psychology and Professor, Women’s Studies: Life span development, human sexuality, care-giving issues, gerontology, black family development
MARTHA J. BUELL, Ph.D. (North Carolina), Assistant Professor: Early childhood classroom quality and teacher professional development; work, family and college; and emergent literacy.
JANE D. DAVIDSON, M.S. (Delaware), Instructor: Preschool Teacher: Emergent literacy, dramatic play, early childhood curriculum.
CLAYTONA J. DECAPUA, M.Ed. (Penn State), Assistant Professor: Early childhood curriculum.
PENNY L. DEINE, Ph.D. (Penn State), Professor: Young exceptional children, children and families in crisis, family interventions
NANCY J. EDWARDS, M.Ed. (Temple), Instructor: Preschool Staff Teacher
ALICE P. EYMAN, M.A. (Columbia), Assistant Professor; also Director, University of Delaware Preschool Laboratory, and Coordinator, Student Teaching
MICHAEL FERRARI, Ph.D. (Rutgers), Associate Professor; also Associate Professor, Psychology: Geriatric neuropsychology, brain injury, dementia research, rehabilitation.
MICHAEL GAMED-McCORMICK, Ph.D. (Virginia Commonwealth), Associate Professor: Early childhood development and education, intervention with special needs populations, qualitative analyses.
TAMARA K. HAREVEN, Ph.D. (Ohio State), Unidel Professor of Family Studies, also Professor, History: Family and the life course, aging, work and family, family history, cross-cultural perspectives.
NADINE T. HEIM, M.Ed. (Chesnut Hill), Instructor, Preschool Staff Teacher: Infants and toddlers.
MARION C. HESON, Ph.D. (Bryn Mawr), Professor: Early childhood education, early emotional development, policy issues in early care and education.
DENE G. KLINZING, Ph.D. (Penn State), Professor: Hospitalized children, child development, communication.
MARY LOU LIPRIE, Ph.D. (Ohio State), Associate Professor: Adolescent development, research methodology, family and consumer sciences education, adolescent nutrition and wellness.
ROBIN J. PALKOVITZ, Ph.D. (Rutgers), Professor: Parental development, transitions to parenthood, father involvement in child rearing, life span development.
DONALD L. PETERS, Ph.D. (Stanford), Amy Rextew Professor, also Professor, Urban Affairs and Public Policy: Early childhood development, service program planning and evaluation.
BARBARA H. SETTLES, Ph.D. (Ohio State), Professor: Quality issues in family care, family theory, family life education, interactive planning for family futures.

Joint and Adjunct Appointments

Chemistry and Biochemistry: KATHRYN C. SCANTLEBURY
Continuing Education: JAMES BROOMALL, RICHARD B. FISCHER
Dean of Students Office: TIMOTHY F. BROOKS
Institutional Research and Planning: MICHAEL F. MIDDAUGH
Mathematical Sciences: JINFAN CAI
Urban Affairs and Public Policy: JEFFREY RAFFEL

Hotel, Restaurant, and Institutional Management

PAUL E. WISE, M.B.A. (Michigan State), Professor and Chair: Curriculum development in food and beverage management.
RONALD P. COLE, M.S (Rochester Institute of Technology), Associate Policy Scientist and Assistant Professor: Food and beverage management, distance learning.
PAMELA R. CUMMINGS, Ph.D. (Oklahoma State), Associate Professor: Hotel management, leadership.
Joint and Adjunct Appointments

Center for Community Development and Family Policy: NORMA GAINES-HANKS.

Center for Counseling and Student Development: CHARLES L. BEALE, JOHN B. BISHOP, TIMOTHY Y. BROOKS, EMILY F. CARTER, LESLIE ORYSH CONNOR, MARK D. KRAUTHEIM, JONATHAN D. LEWIS, SHARON L. MITCHELL, RICHARD S. SHARF, STUART J. SHARKEY, VIVIAN A. YAMADA.

Center for Teaching Effectiveness: JUDITH A. GREENE.

Food and Resource Economics: PATRICIA T. NELSON.
Sociology: SALLY BOULD.

Urban Affairs and Public Policy: KAREN CURTIS.

Urban Affairs and Public Policy

JEFFREY A. RAFFEL, Ph.D. (M.I.T.), Professor and Director, also Professor, Political Science and International Relations: Educational policy, policy analysis, urban management.

DAVID L. AMES, Ph.D. (Clark), Professor, also Director, Center for Historic Architecture and Design, and Professor, Geography: Historic preservation, urban geography, urban and regional planning.

MARIA P. ARISTIGUETA, Ph.D. (Southern California), Assistant Professor: Administrative behavior, performance measurement, policy analysis, strategic management.

DEBORAH A. AUGER, Ph.D. (M.I.T.), Assistant Professor; also Assistant Professor, Political Science and International Relations: Public policy and administration, non-profit management, state and local government, U.S. social policy.

TIMOTHY K. BARNEKOV, Ph.D. (Syracuse), Professor, also Director, Urban Affairs and Public Policy Program and Director, Center for Community Development and Family Policy: Urban neighborhoods, business and urban policy, economic development policy.

JOHN M. BYRNE, Ph.D. (Delaware), Professor and Director, Center for Energy and Environmental Policy, also Professor, Marine Studies: Technology and environment, environmental justice, political economy, sustainable development.

LESLIE COOKSY, Ph.D. (Cornell), Assistant Professor: Human service programs, program evaluation, qualitative and quantitative methods.

KAREN A. CURTIS, Ph.D. (Temple), Associate Professor; also Associate Professor, Individual and Family Studies: Non-profit leadership in voluntary sector, applied research and public policy analysis, qualitative methods, program evaluation and evaluation research.

KATHRYN G. DENHARDT, Ph.D. (Kansas), Associate Professor; also Director, M.P.A. Program: Collaborative decision making and conflict resolution, human resources management, ethics in public service.

ROBERT P. DENHARDT, Ph.D. (Kentucky), Charles P. Messick Professor of Public Administration: Public management, leadership development, organizational change.

JAMES P. FLYNN, Ed.D. (Delaware), Assistant Professor, also Internship Director: Personnel administration, quality improvement initiatives, educational governance, legislative management, professional development.

LANCE FREEMAN, Ph.D. (North Carolina), Assistant Professor: Regional and city planning, community and economic development, quantitative analysis, housing policy.

RAHEEMAH JABBAR-BEY, M.A. (New Hampshire College), Instructor: Community and economic development planning, organizational capacity building of non-profits, urban policy analysis.

ERIC D. JACOBSON, M.P.A. (Delaware), Assistant Professor; also Assistant Director, Institute for Public Administration: Public economics, health policy, employee compensation and benefits, tourism development.

JEROME R. LEWIS, Ph.D. (New York University), Associate Professor and Director, Institute for Public Administration, also Associate Professor, Political Science and International Relations: Public administration, personnel management, urban planning, political leadership.

G. ARNO LOESSNER, Ph.D. (Pennsylvania), Assistant Professor: Fiscal and resource management, non-profit management, international comparative governance.

STEVEN W. PEQUET, Ph.D. (Pennsylvania), Assistant Professor: Strategic planning, housing, homelessness, electronic community networks, public policy analysis and evaluation.

EDWARD C. RATLEDGE, M.A. (Delaware), Associate Professor and Director, Center for Applied Demography and Survey Research: Management information systems, econometrics, criminal justice systems.

DANIEL RICH, Ph.D. (M.I.T.), Professor and Dean of the College of Human Resources, Education and Public Policy, also Professor, Political Science and International Relations: Urban policy, energy and technology policy.

REBECCA SIDERS, M.A. (Delaware), Instructor: Historic preservation planning, 19th century rural landscape, history of women and African Americans.

PAUL L. SOLANO, Ph.D. (Maryland), Associate Professor; also Associate Professor, Political Science and International Relations: Financial administration and public finance, political economy, health policy.

YOUNG-DOO WANG, Ph.D. (Delaware), Associate Professor: Energy and environmental policy, economic analysis of alternative energy options, econometric applications.

ROBERT WARREN, Ph.D. (California, Los Angeles), Professor; also Professor, Political Science and International Relations: Urban and regional government, telecommunications policy, urban planning and development.

MARGARET S. WILDER, Ph.D. (Michigan), Professor: Community development policy and organizations, economic development policy and planning, housing problems and policy, race, gender and economic mobility.

ROBERT A. WILSON, Ph.D. (Temple), Associate Professor; also Associate Professor, Sociology: Survey research, evaluation research, health services research.

DANIL0 YANICH, Ph.D. (Delaware), Assistant Professor: Criminal justice policy, media and public policy, international comparative governance.

Joint and Adjunct Appointments

Art Conservation: CHANDRA REEDY.
Art History: BERNARD L. HERMAN.
Black American Studies: JAMES E. NEWTON.
Consumer Studies: AUDREY L. HELLMAN, PAUL SESTAK.
Economics: WILLIAM R. LATHAM, III.

Food and Resource Economics: THOMAS W. ILVENTO, PATRICIA T. NELSON.

Geography: YDA SCHREUDER, APRIL R. VENESS.

Individual and Family Studies: TAMARA HAREVEN, DONALD L. PETERS.

Marine Studies: BILIANA CICIN-SAIN, WILLETT KEMPION, ROBERT W. KNECHT.

Philosophy: PAUL T. DURBIN.

Political Science and International Relations: MARK W. HUDLESTON, JANET B. JOHNSON, JOSEPH B. PIKA, HENRY T. REYNOLDS, RICHARD T. SYLVES.

Adjunct Faculty: STEVEN M. HOFFMAN, Ph.D., AKILU KIDANU, Ph.D., JONG-DALL KIM, Ph.D., CECILIA MARTINEZ, Ph.D., LINDA WOLF, M.P.A., D.P.A., BEVERLY YANICH, Ph.D.
COLLEGE OF MARINE STUDIES

CAROLYN A. THOROUGHGOOD, Ph.D. (Maryland), Associate Professor and Dean; also Director, Delaware Sea Grant College Program, also Associate Professor, Animal and Food Sciences: Nutritional biochemistry of bivalve mollusces; nutritional evaluation and preservation of fish.

NANCY M. TARGETT, Ph.D. (Maine), Professor and Associate Dean: Chemical/biological interactions in the marine environment; chemical ecology; antifouling mechanisms in marine organisms.

LEE G. ANDERSON, Ph.D. (Washington), Professor and Director, Marine Policy Program; also Professor, Economics: Economics of commercial and recreational fisheries management.

MOHSEN BADIEY, Ph.D. (Miami), Associate Professor; also Associate Professor, Civil and Environmental Engineering: Analytical and numerical modeling of geoaoustics and geophysics; seabed, laboratory and in-situ measurements related to seismo-acoustics problems.

JOHN S. BOYER, Ph.D. (Duke), E.I. du Pont Professor of Marine Biochemistry/Biophysics and Director, Marine Biology and Biochemistry Program; also Professor, Plant and Soil Sciences: Water in the biochemistry and physiology of marine and terrestrial plants.

S. CRAIG CARY, Ph.D. ( Scripps Institute of Oceanography), Associate Professor: Comparative physiology, biochemistry and ecology of marine invertebrate/bacterial symbioses; molecular techniques to resolve biochemical interactions between host and symbiont.

THOMAS M. CURCH, Ph.D. (California, La Jolla), Professor; also Professor, Chemistry and Biochemistry: Estuarine and atmospheric geochemistry; trace-element marine chemistry.

BILANA CICIN-SAIN, Ph.D. (California, Los Angeles), Professor and Codirector, Center for the Study of Marine Policy; also Professor, Political Science and International Relations and Professor, Urban Affairs and Public Policy: U.S. ocean policy; management of multiple ocean and coastal uses; state/federal relations; fisheries management; comparative ocean policy.

CHARLES H. CULBERSON, Ph.D. (Oregon State), Research Scientist: Physical chemistry and electrochemistry of seawater; mathematical modeling of estuarine chemical processes.

STEPHEN C. DEXTER, Ph.D. (Delaware), Professor; also Professor, Materials Science and Engineering: Electrochemical corrosion; biologically influenced corrosion; structural materials in marine environments; bioadhesion.

ANA I. DITTEL, Ph.D. (Delaware), Associate Research Scientist: Larval biology; recruitment dynamics; tropical biology.

CHARLES E. EPIFANIO, Ph.D. (Duke), Professor: Larval ecology; tropical ecology.

RICHARD T. FIELDS, Ph.D. (Delaware), Associate Research Scientist: Application of remote sensing to land surface climate studies, micrometeorology land surfaces.

PATRICK M. GAPFNEY, Ph.D (SUNY, Stony Brook), Associate Professor: Genetics of marine organisms; aquacultural genetics.

JOHN L. GALLACHER, Ph.D. (Delaware), Professor: Marine plant ecology, physiology, genetics, tissue culture, and economic development.

RICHARD W. GARNER, Ph.D. (Princeton), M.P. and M.H. Harrington Professor of Marine Studies and Director, Physical Ocean Science and Engineering Program: Physical oceanography of the coastal ocean and estuaries: observations and models.

RONALD J. GIBBS, Ph.D. (Scripps Institution of Oceanography), Professor and Director, Center for the Study of Colloidal Science, also Professor, Geology: Geochemistry; sedimentology; clay mineralogy; environmental studies.

I. PABLO HUQ, Ph.D. (Cambridge), Associate Professor: Turbulence in the environment; stratified flow phenomena; experimental fluid mechanics.

DAVID A. HUTCHINS, Ph.D (California, Santa Cruz), Assistant Professor: Effects of nutrient cycling on marine phytoplankton productivity, dynamics of pollutants within marine food web.

WILLET M. KEMPION, Ph.D (Texas, Austin), Associate Professor, also Associate Professor, Urban Affairs and Public Policy: Human dimensions of marine and environmental policy.

DAVID L. KIRCHMAN, Ph.D. (Harvard), M.P. and M.H. Harrington Professor: Biochemical microbiology; marine microbial ecology; oceanography.

VICTOR V. KLEMAS, Ph.D. (Technical University of Braunschweig), Professor; also Director, Center for Remote Sensing, also Professor, Electrical and Computer Engineering and Professor, Geography: Remote sensing of marine and coastal resources; environmental monitoring and data management; optical physics.

ROBERT W. KNECHT, M.S. (Rhode Island), Professor and Codirector of the Center for the Study of Marine Policy; also Professor, Political Science and International Relations and Professor, Urban Affairs and Public Policy: Ocean and coastal management; ocean minerals; ocean policy; international ocean and environmental law.

GEORGE W. LUTHER, III, Ph.D. (Pittsburgh), Professor, also Professor, Chemistry and Biochemistry and Professor, Civil and Environmental Engineering: Marine chemistry; element redox cycles; inorganic and organic sulfur cycling.

GERARD J. MANGONE, Ph.D. (Harvard), University Research Professor: Maritime and international law; shipping, ports, marine minerals policies.

DOUGLAS C. MILLER, Ph.D. (Washington), Associate Professor and Director, Oceanography Program: Deposit-feeding strategies; trophic interactions among organisms; organism-flow-sediment interactions.

GEORGE R. PARSONS, Ph.D. (Wisconsin), Associate Professor; also Associate Professor, Economics: Environmental and natural resource economics; coastal zone management.

DENISE M. SELISKAR, Ph.D. (Delaware), Research Scientist: Dune and wetland plant physiological ecology; tissue culture of dune plants.

JONATHAN H. SHARP, Ph.D. (Dalhousie), Professor: Marine organic chemistry; phytoplankton physiology; estuarine and coastal biological chemistry.

TIMOTHY E. TARGETT, Ph.D. (Maine), Associate Professor: Ecology of estuarine and coastal marine fishes; physiological ecology of feeding, digestion, growth; trophic biology; energetics.

THEODORE D. TOMASI, Ph.D. (Michigan), Research Scientist: Natural resource and environmental economics, valuing environmental goods, growth and sustainability, nonpoint pollution.

WILLIAM J. ULLMAN, Ph.D. (Chicago), Associate Professor; also Associate Professor, Geology: Geochemical cycles; rock/water interactions; coastal, estuarine, and nearshore processes.

FERRIS WEBSTER, Ph.D. (MIT), Professor: The role of the ocean in climate variability; oceanographic data processing.

KUO-CHUIN WONG, Ph.D. (SUNY, Stony Brook), Professor: Physical oceanography; estuarine and coastal dynamics; time series analysis.

XIAO-HAI YAN, Ph.D. (SUNY, Stony Brook), Professor: Satellite oceanography; remote sensing modeling and prediction of atmospheric exchange, mixed layer, wind, heat flux and ocean circulation; image processing.

Joint and Adjunct Appointments

Biological Sciences: MALCOLM H. TAYLOR

Civil and Environmental Engineering: HERBERT E. ALLEN, ALEXANDER H-D. CHENG, ROBERT A. DALRYMPLE, C.P. HUANG, JAMES T. KIRBY, NOBUHISA KOBAYASHI, IB. A. SVENDSEN

Economics: RICHARD J. AGNELLO

Electrical and Computer Engineering: GONZALO R. ARCE, CHARLES S. IH.

Entomology and Applied Ecology: PAMELA T. PLOTKIN

Geography: TRACY L. DELIBERTY, CORT J. WILLMOTT

Geology: BILLY P. GLASS, JOHN C. KRAFT, JOHN A. MADSSEN, RONALD E. MARTIN, SUSAN McGEEAR, JOHN F. WEHMIller

Mechanical Engineering: JAKC R. VINSON

Political Science and International Relations: JAMES K. OLIVER, RICHARD T. SYLVEs

Philosophy: NANCY McCAGNEY

University Parallel Program: LAWRENCE T. CURTIS

Urban Affairs and Public Policy: JOHN M. BYRNE
FACULTY EMERITI

EDWARD P. ALEXANDER, Ph.D. (Columbia), Professor Emeritus of Museum Studies.

LERoy BANKS ALLEN, Ph.D. (Chicago), Professor Emeritus of Education.

MARGARET P. ALLEN, M.F.A. (Washington), Associate Professor Emerita of Art.

VAL E. ARNSDORF, Ph.D. (Minnesota), Professor Emeritus of Education.

GEORGE BASALLA, Ph.D. (Harvard), Professor Emeritus of History.

WILLARD E. BAXTER, Ph.D. (Pennsylvania), Professor Emeritus of Mathematical Sciences.

JOHN J. BEER, Ph.D. (Illinois), Associate Professor Emeritus of History, also Associate Professor Emeritus of Chemistry.

A. LEROY BENNETT, Ph.D. (Illinois), Professor Emeritus of Political Science and International Relations.

WILLIAM J. BENTON, D.V.M., Ph.D. (Delaware), Professor Emeritus of Animal and Food Sciences.

OLAF P. BERGELIN, Sc.D. (Michigan), Professor Emeritus of Chemical Engineering.

CATHERINE V. BIEBER, M.S. (Delaware), Professor Emerita of Human Resources.

DANIEL P. BIEBUYCK, (State University, Ghent, Belgium), H. Rodney Sharp Professor Emeritus of Anthropology and Humanities.

S. ALEXANDER BILLON, Ph.D. (Michigan State), Professor Emeritus of Business Administration.

KENNETH B. BISCHOFF, Ph.D. (Illinois Institute of Technology), Unidel Professor Emeritus of Biomedical and Chemical Engineering.

KARL W. BOER, Ph.D. (Humboldt), Distinguished Professor Emeritus of Physics and Solar Energy.

ELAINE BOETTCHER, M.S. (Delaware), Associate Professor Emerita of Nursing.

ELIZABETH L. BOHNING, Ph.D. (Bryn Mawr), Professor Emerita of Foreign Languages and Literatures.

L. PAUL BOLGIANO, JR., Ph.D. (Johns Hopkins), Professor Emeritus of Electrical and Computer Engineering.

ELLIS T. BOLTON, Ph.D. (Rutgers), Carnegie Institution of Washington Professor Emeritus of the College of Marine Studies.

GORDON R. BONNER, Ph.D. (Syracuse), Associate Professor Emeritus of Finance.

ROBERT L. BOORD, Ph.D. (Maryland), Professor Emeritus of Biological Sciences.

WILLIAM W. BOYER, JR., Ph.D. (Wisconsin), Charles P. Mesick Professor Emeritus of Political Science and International Relations.

EUGENE P. BRASHER, Sc.D. (Missouri Valley), Professor Emeritus of Plant and Soil Sciences.

DALE F. BRAY, Ph.D. (Rutgers), Professor Emeritus of Entomology and Applied Ecology.

THOMAS W. BROCKENBROUGH, S.M. (M.I.T.), Professor Emeritus of Civil and Environmental Engineering.

JOHN A. BROWN, Ph.D. (Wisconsin), Professor Emeritus of Education.

PAUL P. BURBUTIS, Ph.D. (Rutgers), Professor Emeritus of Entomology and Applied Ecology.

HENRY L. Cady, Ph.D. (Kansas), Professor Emeritus of Music.

MELBOURNE R. CARRIKER, Ph.D. (Wisconsin), Professor Emeritus of the College of Marine Studies.

SHIRLEY A. CARTER, Ed.D. (Temple), Associate Professor Emerita of Nursing.

EUGENE CHESSON, JR., Ph.D. (Illinois), Professor Emeritus of Civil and Environmental Engineering.

ANNE W. CLARK, M.S. (Delaware), Associate Professor Emerita of Medical Technology.

ARNOLD M. CLARK, Ph.D. (Pennsylvania), Professor Emeritus of Biological Sciences.

ELIZABETH D. CLOUD, M.S. (Pennsylvania), Associate Professor Emerita of Nursing.

GERALD L. COLE, Ph.D. (Michigan State), Professor Emeritus of Food and Resource Economics.

CHARLES B. COOPER, Ph.D. (Maryland), Professor Emeritus of Physics and Astronomy.

MAURICE E. COPE, Ph.D. (Chicago), Professor Emeritus of Art History.

RENE COULET DU GARD, D.D.'Un (Besancon, France), Professor Emeritus of Foreign Languages and Literatures.

E. WAYNE CRAVEN, Ph.D. (Columbia), H. F. du Pont Professor Emeritus of Art History.

HENRY W. CRITTENDEN, Ph.D. (Ohio State), Professor Emeritus of Plant and Soil Sciences.

DONALD F. CROSSAN, Ph.D. (North Carolina State), Professor Emeritus of Plant and Soil Sciences.

GERALD R. CULLEY, Ph.D. (North Carolina), Associate Professor Emeritus of Foreign Languages and Literatures; also Associate Professor Emeritus of Comparative Literature.

J. BARRY CULLINGWORTH, MRTPI, FRSA, Unidel Professor Emeritus of Urban Affairs and Public Policy; also Professor Emeritus of Geography.

PAUL A. CUNDIFF, Ph.D. (Cornell), H. Rodney Sharp Professor Emeritus of English.

JULIO Da CUNHA, M.F.A. (Cranbrook Academy of Fine Arts), Professor Emeritus of Art; also Professor Emeritus, University Honors Program.

FRANKLIN C. DAIBER, Ph.D. (Ohio State), Professor Emeritus of the College of Marine Studies, also Professor Emeritus of Biological Sciences.

JAMES E. DANBERG, Ph.D. (Catholic University of America), Professor Emeritus of Mechanical Engineering.

HILDA DAVIS, Ph.D. (Chicago), Lecturer Emeritus of English.

JOHN M. DAWSON, Ph.D. (Chicago), Professor Emeritus, Library.

ANNA JANNEY DeARMOND, Ph.D. (Pennsylvania), Professor Emerita of Nursing.

CHARLES W. DUNHAM, Ph.D. (Michigan State), Professor Emeritus of Plant and Soil Sciences.

RUSSELL D. DYNES, Ph.D. (Ohio State), Professor Emeritus of Sociology and Criminal Justice.

MARY ANNE EARLY, M.S. (Pennsylvania), Associate Professor Emerita of Nursing.

ROBERT M. EISENBERG, Ph.D. (Michigan), Associate Professor Emeritus of Biological Sciences.

JOACHIM G. ELTERICH, Ph.D. (Michigan State), Professor Emeritus of Food and Resource Economics.

EDWARD A. FAGEN, Ph.D. (Michigan State), Associate Professor Emeritus of Electrical and Computer Engineering.

SYLVIA FARHAM-DIGGORY, Ph.D. (Pennsylvania), H. Rodney Sharp Professor Emerita of Education.

EUGENE S. FERGUSON, M.S. (Iowa State), Professor Emeritus of History.

WILLARD ALLEN FLETCHER, Ph.D. (Pennsylvania), Professor Emeritus of History.

RICHARD E. FOWLER, Ph.D. (Maryland), Associate Professor Emeritus of Animal and Food Sciences.
MILDRED M. GADDIS, M.A. (Columbia), Associate Professor Emerita of Music.


REED GEIGER, Ph.D. (Minnesota), Professor Emeritus of History.

EDELTRAUT GILGENAST, M.A. (Middlebury), Assistant Professor Emerita of Foreign Languages and Literatures.

HELEN GOULDNER, Ph.D. (California), Professor Emerita of Sociology and Criminal Justice.

FRANCES K. GRAHAM, Ph.D. (Yale), Professor Emerita of Psychology.

ALLEN M. GRANDA, Ph.D. (Brown), Professor Emeritus of Biological Sciences.

IRWIN G. GREENFIELD, Ph.D. (Pennsylvania), Unidel Professor Emeritus of Engineering.

JOHAN DE KROÔL, Ph.D. (Amsterdam), Professor Emeritus of Delaware Geological Survey and Geology.

HOWARD H. HARLAN, Ph.D. (Virginia), Professor Emeritus of Sociology and Criminal Justice.

ROBERT N. HILL, Ph.D. (Yale), Professor Emeritus of Physics and Astronomy.

SVEND E. HOLSOE, Ph.D. (Boston University), Associate Professor Emeritus of Anthropology.

HARRY D. HUTCHINSON, Ph.D. (Michigan), Professor Emeritus of Economics.

JAMES C. KAKAVAS, Ph.D. (Yale), Professor Emeritus of Biological Sciences.

CHARLES ROBERT KASE, Ph.D. (New York University), Professor Emeritus of Theatre.

JOYCE L. KEE, M.S. (Maryland), Associate Professor Emerita of Nursing.

DOROTHY A. KENNEDY, M.A. (Columbia), Associate Professor Emerita of Nursing.

ROBERT W. KEOWN, Ph.D. (Louisville), Professor Emeritus of Animal and Food Sciences.

WALTER KIRCHNER, Ph.D. (California, Los Angeles), H. Rodney Sharp Professor Emeritus of History.

JOHN J. KRAMER, Ph.D. (Carnegie Institute of Technology), Professor Emeritus of Electrical and Computer Engineering.

JAMES R. KRAM, D.B.A. (Michigan State), Professor Emeritus of Business Administration.

HENRY N. LEE, JR., M.A. (Columbia), Associate Professor Emeritus of Music.

CHARLES M. LESLIE, Ph.D. (Chicago), Professor Emeritus, College of Arts and Science.

BERTRAM L. LEVIN, Ph.D. (Wisconsin), Professor Emeritus of Economics.

RICHARD J. LIBERA, Ph.D. (Rutgers), Professor Emeritus of Mathematical Sciences.

TAI LIU, Ph.D. (Indiana), Professor Emeritus of History.

LOUISE LITTLE, Ph.D. (Wisconsin), Associate Professor Emerita of Nutrition and Dietetics.

STEPHEN LUKASHEVICH, Ph.D. (California, Berkeley), Professor Emeritus of History.

EDWARD LURIE, Ph.D. (Northwestern), Professor Emeritus of History.

ALBERT JON MAGOON, Ph.D. (Pittsburgh), Associate Professor Emeritus of Education.


CHARLES D. MARLER, Ph.D. (Stanford), Associate Professor Emeritus of Education.

JOHN R. MATHER, Ph.D. (Johns Hopkins), Professor Emeritus of Geography.


ANNE A. McCOURT-LEWIS, Ph.D. (Syracuse), Associate Professor Emerita of Education.

WALLACE H. McCURDY, JR., Ph.D. (Illinois), Associate Professor Emeritus of Chemistry and Biochemistry.

JOHN D. MEAKIN, Ph.D. (Leeds), Professor Emeritus of Mechanical Engineering.

THOMAS F. MERRILL, Ph.D. (Wisconsin), Professor Emeritus of English.


JOHN H. MILLER III, Ph.D. (Princeton), Associate Professor Emeritus of Physics and Astronomy.

WILLIAM H. MITCHELL, Ph.D. (Penn State), Professor Emeritus of Plant and Soil Sciences.

JAMES A. MOORE, Ph.D. (Pennsylvania), Professor Emeritus of Chemistry and Biochemistry.

ALLEN L. MOREHART, Ph.D. (Delaware), Professor Emeritus of Plant and Soil Sciences.

DOROTHY MOSER, M.Ed. (Columbia), Associate Professor Emerita of Nursing.

JOHN A. MUNROE, Ph.D. (Pennsylvania), H. Rodney Sharp Professor Emeritus of History.

LILA C. MURPHY, Ph.D. (Ohio State), Professor Emerita of Individual and Family Studies.

RICHARD B. MURRAY, Ph.D. (Tennessee), Professor Emeritus of Physics and Astronomy.

DANIEL C. NEALE, Ph.D. (Minnesota), Professor Emeritus of Education.

ROBERT L. NICHOLLS, Ph.D. (Iowa State), Professor Emeritus of Civil and Environmental Engineering.

EDWARD A. NICKERSON, Ph.D. (SUNY, Albany), Professor Emeritus of English.


EDWARD J. PELLICCIARO, Ph.D. (North Carolina), Professor Emeritus of Mathematical Sciences.

JANET J. PHOLEREC, M.Ed. (Temple), Associate Professor Emerita of Health and Exercise Sciences.

NATHANIEL H. PUFFER, M.A. (Denver), Assistant Director of Libraries Emeritus.

E. L. QUARANTIELLI, Ph.D. (Chicago), Professor Emeritus of Sociology and Criminal Justice.

ARLETTE I. RASMUSSEN, Ph.D. (Wisconsin), Associate Professor Emerita of Nutrition and Dietetics.

RUSSELL REMAGE, JR., Ph.D. (Pennsylvania), Professor Emeritus of Mathematical Sciences.

DAVID M. ROBINSON, Ph.D. (Delaware), Professor Emeritus of Electrical and Computer Engineering.

EDWARD H. ROSENBERY, Ph.D. (Pennsylvania), Professor Emeritus of English.

BILLY E. ROSS, Ed.D. (Tennessee), Professor Emeritus of Education.

CHARLES A. ROWE, M.F.A. (Tyler School of Art), Professor Emeritus of Art.

JOANNE RYAN, Ph.D. (Pennsylvania), Associate Professor Emerita of Nutrition and Dietetics.

C. ROY RYLANDER, Ph.D. (New York University), Professor Emeritus of Health and Exercise Sciences.

NORMAN SASOWSKY, Ed.D. (New York University), Professor Emeritus of Art.

ERNEST N. SCARBOROUGH, M.S. (Iowa State), Professor Emeritus of Bioresources Engineering.

BLAINE G. SCHMIDT, Ph.D. (St. Louis), Professor Emeritus of Business Administration.

JOHN H. SCHUENEMEYER, Ph.D. (Georgia), Professor Emeritus of Mathematical Sciences and Geography.

EDWARD E. SCHWEIZER, Ph.D. (MIT), Professor Emeritus of Chemistry and Biochemistry.

BYRON P. SHURTLEFF, M.S. (Illinois State), Professor Emeritus of Art.

JAMES H. SILLS, Ph.D. (Bryn Mawr), Associate Professor Emeritus of Urban Affairs and Public Policy.
F. LOREN SMITH, Ph.D. (Johns Hopkins), Professor Emeritus of Psychology.

WILLIAM D. SNOGDGRASS, M.F.A. (Iowa), Distinguished Professor Emeritus of Creative Writing and Contemporary Literature.

G. FRED SOMERS, Ph.D. (Cornell), H. Fletcher Brown Professor Emeritus of Biological Sciences; also H. Fletcher Brown Professor Emeritus of the College of Marine Studies.

FRANK E. SOUTH, Ph.D. (California, Berkeley), Professor Emeritus of Biological Sciences.

IVAR STAKGOLD, Ph.D. (Harvard), Professor Emeritus of Mathematical Sciences; also Professor Emeritus of Mechanical Engineering.

ROGER J. STEINER, Ph.D. (Pennsylvania), Professor Emeritus of Linguistics.

HESTER R. STEWART, Ph.D. (Southern Illinois), Associate Professor Emerita of Individual and Family Studies.

MARY JANE STRATTNER-GREGORY, Ph.D. (Cornell), Associate Professor Emerita of Individual and Family Studies.

MARVIN B. SUSSMAN, Ph.D. (Yale), Unidel Professor Emeritus of Human Behavior; also Unidel Professor Emeritus of Urban Affairs and Public Policy.

FREDERICK M. SWAIN, Ph.D. (Kansas), Professor Emeritus of Geology.

CHARLES P. SWANN, Ph.D. (Temple), Professor Emeritus of the Bartol Research Institute.

FRANCIS X. TANNIAN, Ph.D. (Virginia), Professor Emeritus of Urban Affairs and Public Policy.

GEORGE B. TATUM, Ph.D. (Princeton), H. Rodney Sharp Professor Emeritus of Art History.

DANIEL K. TEIS, Ph.D. (New York University), Professor Emeritus of Art.

E. ARTHUR TRABANT, Ph.D. (California Institute of Technology), President Emeritus.

MARENES R. TRIPP, Ph.D. (Rutgers), Professor Emeritus of Biological Sciences.

CONRAD N. TRUMBORE, Ph.D. (Penn State), Associate Professor Emeritus of Chemistry and Biochemistry.

A. JULIAN VALBUENA, Ph.D. (Madrid), Professor Emeritus of Foreign Languages and Literatures.

SARAH S. VAN CAMP, Ed.D. (Massachusetts), Professor Emeritus of Individual and Family Studies.

WALTER S. VINCENT, Ph.D. (Pennsylvania), Professor Emeritus of Biological Sciences.

CARL A. VON FRANKENBERG, Ph.D. (Pennsylvania), Associate Professor Emeritus of Chemistry and Biochemistry.

ERNST W. WALPOLE, M.S. (Iowa State), Professor Emeritus of Bioreources Engineering.

THOMAS WATSON, Ph.D. (Western Reserve), Associate Professor Emeritus of Theatre.

DONALD B. WETLAUFER, Ph.D. (Wisconsin), Professor Emeritus of Chemistry and Biochemistry.

ANN MATLOCK WEYGANDT, Ph.D. (Pennsylvania), Associate Professor Emerita of English.

BARBARA WILCOX, M.P.H. (Harvard School of Public Health), Associate Professor Emerita of Nursing.

IRVIN C. WISNIEWSKI, B.S. (Michigan), Associate Professor Emeritus of Health and Exercise Sciences.

JOHN C. WRIGHT, JR., Ph.D. (Columbia), Professor Emeritus of Chemistry and Biochemistry.

JIN WU, Ph.D. (Iowa), H. Fletcher Brown Professor Emeritus of Marine Studies and Civil Engineering.

CHENG YI YANG, Sc.D. (MIT), Professor Emeritus of Civil and Environmental Engineering; also Professor Emeritus of College of Marine Studies.

MAURICE J. YOUNG, Ph.D. (Pennsylvania), Professor Emeritus of Mechanical Engineering.

MILTON GABRIEL YOUNG, M.S. (Harvard), Professor Emeritus of Electrical and Computer Engineering.

JOHN P. ZIKAKIS, Ph.D. (Delaware), Professor Emeritus of Animal and Food Sciences.

JOHN R. ZIMMERMAN, Ph.D. (Lehigh), Professor Emeritus of Mechanical Engineering.

OFFICE OF THE PRESIDENT

DAVID P. ROSELLE, Ph.D. (Duke), President; also Professor of Mathematics.

MARY J. HEMPEL, M.A., (Missouri), Assistant to the President, also Director, Public Relations.

Intercollegiate Athletics and Recreation Services

EDGAR N. JOHNSON M.S. (Delaware), Director; also Associate Professor, Health and Exercise Sciences.

KENNETH BLAKENEY, B.A. (Duke), Assistant Men's Basketball Coach.

KIMBERLY M. BODINE, B.S.P.E. (Delaware), Fitness Coordinator.

BRYAN J. BOSSARD, B.S. (Delaware), Assistant Football Coach.

JOSHUA A. BRANDWENE, B.S.P.E. (Penn State), Ice Hockey Coach.

MICHAEL BREY, B.S. (George Washington), Head Men's Basketball Coach.

SHANE BREY, B.A. (Salisbury), Supervisor, Events.

JOAN M. COUCH, M.S. (U.S. Sports Academy), Assistant Athletic Trainer; also Assistant Professor, Health and Exercise Sciences.

VALERIE COYLE, B.A. (Rutgers), Assistant Field Hockey Coach.

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