UNIVERSITY OF DELAWARE
UNIVERSITY PERSONNEL
2002-2003
COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

ROBIN MORGAN, Ph.D. (Johns Hopkins), Dean, and Acting Director of the Agricultural Experiment Station, also Professor; Animal and Food Sciences.

JOHN E. DOHMS, Ph.D. (Ohio State), Interim Associate Dean for Academic Programs, also Professor; Immunology and Microbiology.

KAREN ROTH ANIUNAS, M.Ed. (Delaware), Assistant Dean for Student Services.

JULIE M. BURTON, B.S. (Wilmington College), Assistant Dean of Operations.

AGRICULTURAL AND TECHNOLOGY EDUCATION

J. RICHARD BACON, M.S. (Tennessee), Agricultural Education Coordinator, also Instructor; Food and Resource Economics.

PATRICIA S. BARBER, Ed.D. (Florida), Associate Professor; Food and Resource Economics.

Adjunct Appointment

Adjunct Faculty: ARBA HENRY.

ANIMAL AND FOOD SCIENCES

JOHN K. ROSENBERGER, Ph.D. (Wisconsin), Professor and Chair; Microbiology.

CALVIN KEELER, Ph.D. (Maryland), Professor and Assistant Chair; Molecular virology.

ROBERT L. ALPHIN, Jr., M.S. (Delaware), Instructor and Poultry Research Coordinator.

AMY ANDERSON, B.S. (Delaware), Research Associate III.

ERIN L. BERNBERG, B.S. (Lehigh), Limited Term Researcher.

CYNTHIA M. BOETTGER, B.S. (Delaware), Research Associate II.

JOAN BURNSIDE, Ph.D. (Dartmouth), Professor; also Professor; Biological Sciences.

SANDRA S. CLOUD, Ph.D. (Delaware), Scientist; Virology.

LARRY A. COGBURN, Ph.D. (Illinois), Professor; Avian physiology.

L. AMARIN COGBURN, B.S. (Delaware), Research Associate I.

CATHERINE G.A. DAVIES, Ph.D. (Leeds University), Assistant Professor; Food biochemistry/biotechnology.

JOHN E. DOHMS, Ph.D. (Ohio State), Professor; Immunology and microbiology; also Interim Associate Dean for Academic Programs, College of Agriculture and Natural Resources.

ROBERT M. DYER, V.M.D., Ph.D. (Pennsylvania), Associate Professor; Veterinary medicine, production medicine, large animal immunology.

MARLENE G. EMARA, Ph.D. (Ohio State), Associate Professor; Molecular immunology.

NEGEDE GEDAMU, B.S. (Norfolk State), Research Associate I.

JACK GELB, JR., Ph.D. (Georgia), Professor; Virology.

KAREN GOUGE, Poultry Farm Manager.

LESA GRIFFITHS, Ph.D. (Purdue), Professor; Monogastric nutrition; also Director, Center for International Studies.

DALLAS G. HOOVER, Ph.D. (Minnesota), Professor; Food microbiology, biotechnology, fermentations, food safety.

GRACE K. ISAACS, B.S. (Delaware), Research Associate I.

ROLF D. JOERGER, Ph.D. (North Carolina State), Associate Professor; Microbial genetics and physiology.

BREUSTER KINGHAM, B.S. (Delaware), Limited Term Researcher.

LIMIN KUNG, Ph.D. (Michigan State), Professor; Ruminant nutrition and microbiology.

BRIAN S. LADMAN, M.S. (Delaware), Research Associate III.

JAMES A. MAAS, Ph.D. (Guelph), Assistant Professor; Ruminant nutritional physiology.

GEORGE W. MALONE, M.S. (Massachusetts), Extension Poultry Specialist.

ELIZABETH P. MCMULLEN, B.S. (Delaware), Assistant to the Chair.

ROBIN W. MORRIS, Ph.D. (Johns Hopkins), Professor; also Dean, College of Agriculture and Natural Resources; also Professor; Biology and Professor; Chemistry and Biochemistry.

CONRAD R. POPE, D.V.M. (Tuskegee), Professor; Veterinary pathology.

HILARY J. REIDY, A.A.S. (DelTech), Research Associate I.

MARIANO SALEM, V.M.Z. (Mexico), Senior Scientist and Director, Poultry Diagnostic Laboratory; Veterinary diagnostics.

WILLIAM W. SAYLOR, Ph.D. (Penn State), Associate Professor; Monogastric nutrition.

CARL J. SCHMIDT, Ph.D. (Johns Hopkins), Assistant Professor; Genomics.

ADRIENNE E. SHEARER, M.S. (Delaware), Research Associate III.

O. SUE SNIDER, Ph.D. (Missouri), Professor and Extension Specialist; also Associate Professor; Nutrition and Dietetics.

KATHLEEN SPLANE, B.S. (Delaware), Extension Associate I.

PHAEDRA I. TAVLARIDES-HONTZ, B.S. (Delaware), Research Associate I.

DIANE D. TOTH, AAS. (DelTech), Research Associate I.

CARL 1. SCHMIDT, Ph.D. (Johns Hopkins), Assistant Professor; Avian physiology.

ROBERT M. DYER, V.M.D., Ph.D. (Pennsylvania), Associate Professor; Veterinary medicine, production medicine, large animal immunology.

M. ROBERT M. DYER, V.M.D., Ph.D. (Pennsylvania), Associate Professor; Veterinary medicine, production medicine, large animal immunology.

MATHIS DE JONG, M.S. (Delaware), Research Associate II.

M. ROBERT M. DYER, V.M.D., Ph.D. (Pennsylvania), Associate Professor; Veterinary medicine, production medicine, large animal immunology.

JOHN A. LANGLEY, M.S. (Tuskegee), Research Associate I.

WILLIAM W. SAYLOR, Ph.D. (Penn State), Associate Professor; Monogastric nutrition.

CARL J. SCHMIDT, Ph.D. (Johns Hopkins), Assistant Professor; Genomics.

ADRIENNE E. SHEARER, M.S. (Delaware), Research Associate III.

O. SUE SNIDER, Ph.D. (Missouri), Professor and Extension Specialist; also Associate Professor; Nutrition and Dietetics.

KATHLEEN SPLANE, B.S. (Delaware), Extension Associate I.

PHAEDRA I. TAVLARIDES-HONTZ, B.S. (Delaware), Research Associate I.

DIANE D. TOTH, A.A.S. (DelTech), Research Specialist.

MARCY TROEBER, B.S., (Delaware), Research Associate II.

JACK GELB, JR., Ph.D. (Georgia), Professor; Virology.

THE FACULTY

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.
ERIC R. BENSON, Ph.D. (Illinois), Assistant Professor: Machine vision, applied controls, vehicle guidance.

ANASTASIA E. M. CHIRNSIDE, M.S. (Delaware), Research Associate III.

NORMAN E. COLLINS, Ph.D. (Pennsylvania), Professor: Fluid dynamics, power and machinery.

JAMES L. GLANCY, Ph.D. (California, Davis), Associate Professor: Mechanical design, mechanical and fluid power systems modeling.

RONALD C. JESTER, M.S. (Purdue), Extension Specialist.

LUTHER J. KEMBLE, B.S. (Delaware), Research Associate II.

PALANIAPPA KRISHNAN, Ph.D. (Illinois), Associate Professor and Director, Operations Research Program: Chemical spray application, machinery management.

IAN McCANN, Ph.D. (Texas A&M), Assistant Professor: Irrigation systems, water management.

WILLIAM F. RITTER, Ph.D. (Iowa State), Professor: Soil and water engineering, waste management.

JAMES N. SCARBOROUGH, Ph.D. (Illinois), Associate Professor: Structures.

DOUGLAS W. TALLAMY, Ph.D. (Maryland), Professor and Acting Chair: Insect behavioral ecology, the evolution of parental behavior in arthropods, plant-insect interactions.

JUDITH A. HOUCH-GOLDSTEIN, Ph.D. (Cornell), Professor: Insect pest management, insect behavior and ecology.

JACOB L. BOWMAN, Ph.D. (Mississippi State), Assistant Professor: Wildlife ecology, conservation biology, biometrics, habitat management, mammalogy.

DEWEY M. CARON, Ph.D. (Cornell), Professor: Apology, insect behavior and general entomology.

CLIFFORD B. 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.

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

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


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

JOINT AND ADJUNCT APPOINTMENTS

Animal and Food Sciences: CALVIN KEELER.

Adjunct Faculty: WILLIAM H. DAY, LINDSEY FLEXNER, ROGER W. FUESTER, ION GELHAUS, JOHN GINGRICH, CALEB HOLYKE, KEITH HOPPER, JOHN JACKSON, DANIEL OTTE, PAUL SCHEFFER, MICHAEL SMITH.

FOOD AND RESOURCE ECONOMICS

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

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

PATRICIA BARBER, Ed.D. (Florida), Associate Professor: Family economics and agricultural education.

JOHN C. BERNARD, Ph.D. (Cornell), Assistant Professor: Experimental economics.

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; also Assistant Professor, Legal Studies.

PAUL P. EGGERMONT, Ph.D. (SUNY, Buffalo), Associate Professor: Nonparametric statistics, ill-posed problems, integral equations and image reconstruction.

CONRADO M. GEMPESAW II, Ph.D. (Penn State), Professor: Production economics, agricultural finance, and statistics; also Professor, Economics, also Vice Provost for Academic and International Programs.

CARL L. GERMANN, M.S. (Southern Illinois), Professor: Economics, also Director, Operations Research Program.

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.

PALANIAPPA KRISHNAN, Ph.D. (Illinois), Associate Professor and Director, Operations Research Program: Chemical spray application, machinery management.

VINCENT N. LaRiccia, Ph.D. (Texas A&M), Associate Professor: Statistics.

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

SCOTT A. MALCOLM, Ph.D. (Pennsylvania), Assistant Professor: Operations research and production systems.

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

PATRICIA NELSON, Ed.D. (Columbia), Professor and Family and Child Development Specialist, also Associate Professor, Individual and Family Studies.

JOHN PESEK, Ph.D. (Michigan), Instructor: Statistics.

LIDIA REJTO, Ph.D. (E. Lorand University), Associate Professor: Probability and statistics.

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

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

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

LONGWOOD GRADUATE PROGRAM IN PUBLIC HORTICULTURE

JAMES S. 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 and Food and Resource Economics: 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 B. BALASCO, 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.

PAUL P. EGGERMONT, Ph.D. (SUNY, Buffalo), Associate Professor, Food and Resource Economics; also Associate Professor, Computer and Information Sciences: Artificial intelligence, natural language processing, planning systems.

CONRADO M. GEMPESAW II, Ph.D. (Pennsylvania State), Professor, Food and Resource Economics; also Vice Provost for Academic and International Programs.
RHONDA L. AULL HYDE, Ph.D. (Clemson), Associate Professor, Food and Resource Economics; Agricultural production, inventory management.

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

VINCENT N. LaRiccia, Ph.D. (Texas A&M), Associate Professor, Food and Resource Economics; Mathematical statistics.

SCOTT A. MALCOLM, Ph.D. (Pennsylvania), Assistant Professor, Food and Resource Economics; Operations research and production systems.

AIAY K. MANRAI, Ph.D (Northwestern), Professor, Business Administration; Econometrics, optimization theory.

DAVID M. MASON, Ph.D. (Washington), Professor, Food and Resource Economics; Probability and statistics.

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

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

LIDIA REJTO, Ph.D. (E. Lorand University), Associate Professor, Food and Resource Economics; Probability and statistics.

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

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

CLIFFORD W. SLOYER, 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), S. Hallock DuPont 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.

GREGORY BINFORD, Ph.D. (Iowa State), Assistant Professor; Soil and water quality.

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. FUHRRMANN, Ph.D. (North Carolina State), Professor; Soil microbiology.

KAREN GARTLEY, M.S. (Delaware), Director; Soil Testing.

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

PAMELA GREEN, Ph.D. (SUNY), Crawford H. Greenwall Endowed Chair in Plant Molecular Biology and Professor; Plant molecular biology.

DAVID HANSEN, Ph.D. (Iowa State), Assistant Professor; Soil and water quality.

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

GERALD I. HENDRICKS, B.S. (Delaware), Research Associate III.

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

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

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

CAROL KRAWCZYK, A.S.L.A. (Virginia), Assistant Professor; Landscape horticulture.

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

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

CATHERINE OLSEN, M.S. (Delaware), Lab Supervisor; Soil Testing.

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

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

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

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

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

JANINE SHERRIER, Ph.D. (Texas A&M), Assistant Professor; Plant biochemistry and plant microbe interactions.

I. 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), Extension agronomy and soil science specialist.

ROBERT UNIATOWSKI, B.S. (Delaware), Extension agronomist.

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.

K. ERIC WOMMACK, Ph.D. (Maryland), Assistant Professor.

Joint and Adjunct Appointments

Bioresources Engineering: CARMINE C. BALASCIO.

Entomology and Applied Ecology: JUDITH A. HOUGH-GOLDSTEIN.

Marine Studies: JOHN S. BOYER, GEORGE LUTHER.

Adjunct Faculty: THEODORE H. CARSKI, MICHAEL J. DUFFY, EDWARD JONES, JAY JULIS, J. ANTONI RAFALSKI, HAJIME SAKAI.

COLLEGE OF ARTS AND SCIENCE

Office of the Dean

MARK W. HUDDESTON, Ph.D. (Wisconsin), Dean, also Professor, Political Science and International Relations; also Professor, Urban Affairs and Public Policy; Public Administration.

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

MARTHA L. CAROTHERS, MFA (Penn State), Associate Dean; also Professor; Business Administration.

GEORGE H. WATSON, Ph.D. (Delaware), Associate Dean; also Unidel Professor; Physics and Astronomy.

KATHLEEN A. BIEKER, M.A. (Central Michigan), Assistant Dean, also Interim Assistant Dean.

MARCIA WATSON-WHITMYRE, Ph.D. (Delaware), Assistant Dean and Director of Student Services.

HELEN EASTERLING WILLIAMS, Ed.D. (Delaware), Senior Assistant Dean, University Parallel Program and Wilmington Campus.

SAMI ABDDEL-SALAM, M.S. (Central Missouri State University), General Advisor.
FACULTY AND PROFESSIONAL STAFF

Art Conservation

DEBRA HESS NORRIS, M.S. (Delaware), Associate Professor and Chair, also Director of B.A. Program, Director of M.S. Program and Conservator of Photographs. Photograph conservation treatment, collections care, disaster response.

JOYCE HILL STONER, Ph.D. (Delaware and Certificate in Conservation; New York University), Professor, also Paintings Conservator. Paintings, conservation, history of conservation, artists' techniques, Whistler, Wyeth.

RICHARD C. WOLBERS, M.F.A. (California, San Diego), M.S. (Delaware), Associate Professor, also Science Coordinator, Paintings Conservator. Paintings conservation.

Joint and Adjunct Appointments

Chemistry and Biochemistry: THOMAS BRILL, GORDON NICOL.

Geography: THOMAS MEIERDING.

Geology: PETER LEAVENS.

Mechanical Engineering: IAN HALL.

Museum Studies: HILTON BROWN.

Adjunct Faculty: MARK ANDERSON, MARK BOCRATH, JANICE CARLSON, HERBERT L. CROSSAN, BETTY FISKE, JOY GARDINER, KATHLEEN KIEFER, EBENEZER KOTEL, JOHN KRILL, GREGORY LANDREY, MARGARET LITTLE, JENNIFER MASS, MICHAEL PODMANICZKY, BRUNO POULIOT, LOIS PRICE, ROBERTA TARBEW.

Art History

ANN E. GIBSON, Ph.D. (University of Delaware), Professor and Chair. Contemporary and American art, African-American art.

NINA ATHANASSOGLU-KALLMYER, Ph.D. (Princeton), Professor. Eighteenth and nineteenth century European art.

H. PERRY CHAPMAN, Ph.D. (Princeton), Professor. Baroque art, especially seventeenth-century Dutch painting.

BERNARD L. HERMAN, Ph.D. (Pennsylvania), Edward F. and Elizabeth Goodman Rosenberg Professor, also Professor, History, and Senior Policy Scientist, Urban Affairs and Public Policy; also Director, Center for American Material Culture Studies. American vernacular architecture and folk and ethnic art.

JENNIFER B. HINTLIAIN, M.A. (Boston), Assistant Slide Librarian.

MICHAEL LEA, Ph.D. (Harvard), Sewell C. Biggs Chair in American Art; American art to 1900.

LAWRENCE P. NEES, JR., Ph.D. (Harvard), Professor. Medieval art.

LENS H. NORTHMORE, M.L.S. (Simmons), Slide Librarian.

IKEM LAWRENCE F. NEES, JR., Ph.D. (Harvard), Assistant Professor. African art and architecture.

LINDA PELLECCIA, Ph.D. (Harvard), Associate Professor, also Associate Professor, Women's Studies. History of architecture, Renaissance art.

LAUREN PETERSEN, Ph.D. (Texas), Assistant Professor. Ancient art.

DAVID M. STONE, Ph.D. (Harvard), Associate Professor. Italian Baroque art.

MARGARET WERTH, Ph.D. (Harvard), Assistant Professor. Nineteenth and twentieth century European art.

RICHARD WITTMAN, Ph.D., (Columbia University), Associate Professor. American Material Culture Studies. American vernacular architecture and folk and ethnic art.

Joint and Adjunct Appointments

Black American Studies: AMALIA AMAKI.

Museum Studies: HILTON BROWN, CHANDRA REEDY, BRYANT F. TOLLES, JR.

Biological Sciences

DANIEL CARSON, Ph.D. (Temple), Trustees Distinguished Professor and Chair. Extracellular matrix structure and function.

DAVID C. USHER, Ph.D. (Iowa), Associate Professor and Associate Chair. Immunogenetics.
DEBORAH E. ALLEN, Ph.D. (Delaware), Associate Professor and Undergraduate Programs Director. Science education.

WILLIAM J. CAI N, Ph.D. (Delaware), Assistant Professor.

L. LEON CAMPBELL, Ph.D. (Texas), Hugh M. Morris Research Professor of Molecular Biosciences. Molecular biology, microbial phylogeny.

CARLTON R. COOPER, Ph.D. (Mississippi State University), Assistant Professor. Prostate cancer.

HOWARD V. CORNEILL, Ph.D (Cornell), Professor. Comparative ecology.

KIRK CZYMMEK, Ph.D. (Michigan State), Laboratory Coordinator.

PATRICIA A. DELEON, Ph.D. (Western Ontario), Professor. Human genetics.


MELINDA DUNCAN, Ph.D. (Rutgers), Associate Professor. Vertebrate eye development.

MARY CYNTHIA FARACH-CARSON, Ph.D. (Virginia Commonwealth), Professor. Calcium channels in bone.

STEVEN J. FI FIELD, Ph.D (Minnesota), Assistant Professor. Biology education, science studies.

DENI S. GALILEO, Ph.D. (Florida), Assistant Professor. Developmental neurobiology.

DIANE S. HERSON, Ph.D (Cornell), Associate Professor. Microbial physiology.

ROBERT C. HODSON, Ph.D (Cornell), Associate Professor. Plant molecular genetics.

SEUNG MOOK HONG, Ph.D. (Delaware), Laboratory Coordinator.

NORMAN J. KARIN, Ph.D. (Tennessee), Associate Professor and Graduate Programs Director. Cell biology and cell physiology.

RonalD H. KARLSON, Ph.D. (Duke), Professor. Population and community ecology.

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

ERIC B. KMIEC, Ph.D. (Florida), Professor. Molecular biology and genetics, gene therapy.

GARY H. LAVERY, Ph.D. (Connecticut), Associate Professor. 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.

DARREN OKIMOTO, Ph.D. (Delaware), Assistant Professor.

FLORENCE I. SCHMIEG, Ph.D. (Delaware), Assistant Professor, also Acting Director, Medical Scholars Program. Molecular biology, cancer mechanisms, science education.

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

ROBERT Sikes, Ph.D. (University of Texas), Assistant Professor. Prostate cancer.


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

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

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

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

GREGORY A. STEPHENS, Ph.D. (Kansas), Associate Professor. Cardiovascular regulation, renin-angiotensin-aldosterone system.

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.

ROGER C. WAGNER, Ph.D. (Delaware), Professor, also Coordinator, Medical Scholars Program. Cell biology.

PATRICIA WALSH, Ph.D. (Minnesota), Assistant Professor.

Joint Appointments

Animal and Food Sciences: ROBIN W. MORGAN, JOAN BURNSIDE, CALVIN KEELE.

Entomology and Applied Ecology: DOUGLAS W. TALLAMy, THOMAS K. WOOD.

Marine Studies: NANCY TARGETT.

Psychology: DAVID P. M. NORTMORE.

Plant and Soil Sciences: BERTRAND LEMIEUX, ALLEN SHAPIRO.

University Parallel Program: LAWRENCE A. CURTIS, SHARON S. TUCKER.

Black American Studies

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

AMALLA AMAKI, Ph.D. (Emory), Assistant Professor.

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

JAMES E. NEWTON, Ed.D. (Illinois), Professor and Senior Fellow, Center for Community Development and Family Policy.

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.

CHARLES G. RIORDAN, Ph.D. (Texas A&M), Associate Professor and Assistant Chair for Graduate Studies. Inorganic chemistry.

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

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

SHI BAI, Ph.D. (Utah), NMR Spectroscopist. Analytical chemistry.

THOMAS P. BEEBE, JR., Ph.D. (Pittsburgh), Professor. Analytical chemistry.

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

JOH E BulkowsKi, Ph.D. (Carnegie-Mellon), Associate Professor. Inorganic chemistry.

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

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

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

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

YONG DUAN, Ph.D. (Pittsburgh), Assistant Professor. Physical chemistry.

CECIL R. DYBOWSKI, Ph.D. (Texas), Professor. Physical chemistry.

JOHN L. DYKINS, B.S. (Salford, UK), Mass Spectrometrist. Analytical chemistry.

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

JOSEPH FOX, Ph.D. (Columbia), Assistant Professor. Organic chemistry.

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

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

MURRAY V. JOHNSTON, Ph.D. (Wisconsin-Madison), Professor. Analytical chemistry.

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

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

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

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

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

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

CLIFFORD R. ROBINSON, Ph.D. (Illinois), Assistant Professor. Biochemistry.
Cognitive Science

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

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

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

BENJAMIN BRUENING, Ph.D. (M.I.T.), Assistant Professor, Linguistics: Syntax, psycholinguistics, Native American languages.

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.

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; also Chair, Linguistics: Phonology, phonetics, morphology.

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

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

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.

XIAOMEI CAI, Ph.D. (Indiana), Assistant Professor: Mass communication, media effects, media message analysis.

SCOTT E CAPLAN, Ph.D. (Purdue), Assistant Professor: Interpersonal communication and quantitative research methodology.

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

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.

JENNIFER L LAMBE, Ph.D. (Minnesota), Assistant Professor: Mass communication, television production, communication law and ethics.

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

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

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

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

PHILIP WESCOOTT, M.A (Indiana University), Instructor: Public Relations.

Adjunct Appointment

Student Life: CHARLES L TARVER.
Comparative Literature

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

THEODORE E. D. BRAUN, Ph.D. (California, Berkeley), Professor, also Professor, Foreign Languages and Literatures.

ANNY D. CURTIUS, Ph.D. (Montreal) Assistant Professor, also Assistant Professor, Foreign Languages and Literatures.

NICOLAS P. GROSS, Ph.D. (Montreal) Assistant Professor, also Associate Professor, Foreign Languages and Literatures.

LORI L. POLLOCK, Ph.D. (Pittsburgh) Associate Professor, also Professor, Foreign Languages and Literatures.

CHANDRA KAMBHAMETTU, Ph.D. (Florida) Associate Professor, also Assistant Professor, Foreign Languages and Literatures.

GEORGE E. COLLINS, Ph.D. (Connecticut) Assistant Professor, also Assistant Professor, Foreign Languages and Literatures.

JOHN CASE, Ph.D. (Illinois), Professor: Computational learning theory, computability theory, machine learning, lattice computers.

B. F. CAVINESS, Ph.D. (Carnegie-Mellon) Professor, also Professor, Mathematical Sciences: Computer algebra, analysis of algorithms.

DANIEL L. CHESTER, Ph.D. (California, Berkeley), Associate Professor, also Associate Professor, Linguistics: Artificial intelligence, natural language understanding and generation, intelligent interfaces, user modeling.

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

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

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

KATHLEEN F. McC OY, 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, software testing.

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

TUNCAY SAYDAM, Ph.D. (Istanbul Technical University), Professor: Performance evaluation, computer communication networks, discrete system simulation.

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

CHIEN-CHUNG SHEN, Ph.D. (UCLA), Assistant Professor: Network control and management, distributed object computing, distributed simulation.

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

DAVID H. WOOD, Ph.D. (Rhode Island) Research Associate Professor: Computer algebra, analysis of algorithms.

Joint and Adjunct Appointments

Center for Applied Science and Engineering: H. TIMOTHY BUNNELL, Education: RICHARD L. VENEZKY.

Electrical and Computer Engineering: CHARLES BONECELT, GUANG GAO, DAVID L. MILLS.

Mathematical Sciences: ROBERT P. GIBERT.

Adjunct Faculty: JOHN K. SCOOGIN, IR.

English

JERRY C. BEASLEY, Ph.D. (Northwestern), Professor and Chair: Novel, eighteenth century literature.

DEBORAH ANDREWS, M.A. (Wyoming), Professor: Business and Technical Communications.

ANN L. ARDIS, Ph.D. (Virginia), Professor, also Director, University Honors Program: Theory, modern literature.

JOAN BENNETT, Ph.D. (Stanford), Professor, also Coordinator of Undergraduate Research Program: Milton.

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

STEPHEN A. BERNHARDT, Ph.D. (Michigan), Andrew B. Kirkpatrick, Jr., Chair in Writing.

JAMES M. DEAN, Ph.D. (Johns Hopkins), Professor: Medieval literature.

JOAN DelFATTORE, Ph.D. (Penn State), Professor: Literature and pedagogy; also Professor, Legal Studies.

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

PHILIP D. FLYNN, Ph.D. (Maryland), Professor: Romantic literature.

BARBARA T. GATES, Ph.D. (Bryn Mawr), Alumni Distinguished Professor: Victorian literature.

SUSAN GOODMAN, Ph.D. (New Hampshire), Professor: American literature and English education.

JONATHAN H. GROSSMAN, Ph.D. (Pennsylvania), Associate Professor: Nineteenth century British literature.

JAY L. HALIO, Ph.D. (Yale), Professor: Comparative Literature: Victorian literature.

MARCIA PEOPLES HALIO, M.A. (Delaware), Assistant Professor: Colonial American literature.

MARTIN BRUECKNER, Ph.D. (Brandeis), Assistant Professor: Colonial American literature.

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

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

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

KATHLEEN F. McC OY, 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, software testing.

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

TUNCAY SAYDAM, Ph.D. (Istanbul Technical University), Professor: Performance evaluation, computer communication networks, discrete system simulation.

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

CHIEN-CHUNG SHEN, Ph.D. (UCLA), Assistant Professor: Network control and management, distributed object computing, distributed simulation.

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

DAVID H. WOOD, Ph.D. (Rhode Island) Research Associate Professor: Computer algebra, analysis of algorithms.
THOMAS LEITCH, Ph.D. (Yale), Professor. Literary theory.

J A. LEO LEMAY, Ph.D (Pennsylvania), Winterthur 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. MONEVYHUN, Ph.D (Arizona), Assistant Professor, also Director of Writing. Rhetoric and composition.

MARILYN NELSON, Ph.D (Minnesota), Professor. Poetry, African-American literature.

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

JEANNE PFAELZER, PhD (University of London), Assistant Professor. Russian.

LORRAINE SPARK, Ph.D (Pennsylvania), Associate Professor. Comparative Literature. Modern literature, novel.

RHEA T KREIDER, Ph.D (Yale), Assistant Professor. American literature.

ALFRED R. WEDEL, PhD (Pennsylvania), Associate Professor. German and Spanish.

RAE STABOSZ, BA (Illinois), Assistant Professor. French.

ALFRED R. WEDEL, PhD (Pennsylvania), Associate Professor. German and Spanish.

RAE STABOSZ, BA (Illinois), Assistant Professor. French.

ALEXANDER LEHRMAN, PhD (Yale), Associate Professor. Russian.

KRISTIN E. POOLE, Ph.D. (Harvard), Associate Professor. Renaissance literature.

LOIS D. POTTER, Ph.D. (Girton 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, also Director of Graduate Studies in English. Anglo Saxon and medieval literature.

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

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

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

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

A. TIMOTHY SPAULDING, Ph.D. (North Carolina), Assistant Professor. African-American literature.

CRUCI Stark, Ph.D. (Harvard), Professor. American literature.

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

REBECCA WORLEY, M.A. (Delaware), Assistant Professor. Business and Technical Communications.

BEN YAGODA, M.A (Pennsylvania), Professor. Journalism, non-fiction writing, twentieth century American culture and literature.

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

JOINT AND ADJUNCT APPOINTMENTS

Biological Sciences: RIVERS SINGLETON. Communication: RALPH BEGELTER, JULIET DEE. Linguistics: LOUIS ARENA. Adjunct Faculty: HORST ARNDT, WERNER ENNINGER.

FOREIGN LANGUAGES AND LITERATURES

RICHARD A. ZIPFER, Ph.D (Johns Hopkins), Professor and Chair. German.

ALI ALALOLU, Ph.D (California, Davis), Assistant Professor. French.

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

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

JOAN L. BROWN, Ph.D (Pennsylvania), Elias Abaya 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.

JIANGUO CHEN, Ph.D (University of California, Davis), Assistant Professor. Chinese.

KATRIEN CHRISTIE, Ph.D (Delaware), Assistant Professor. Italian.

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

JORG H. CUBILLOS, Ph.D. (Penn State), Associate Professor. Spanish.

ANNY D. CURTIS, Ph.D (Montreal), Assistant Professor. French and comparative literature.

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

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

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

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

CARMEN FINICUM, M.A. (Delaware), Instructor. Spanish.

ANNETTE L. GIESECKE, Ph.D (Harvard), 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 F. HALL, M.A. (Paris XII), Instructor. French.

GLADYS M. ILARRGREGUI, Ph.D (Catholic University), Assistant Professor. Spanish.

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

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

ALEXANDER LEHRMAN, PhD (Yale), Associate Professor. Russian.

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

VINCENT T. MARTIN, Ph.D. (New York), Assistant Professor. Spanish.

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

THOMAS V. MCCONE, Ph.D (Delaware), Director, Media Center and Assistant Professor. Spanish.

JUDY B. McINNIS, Ph.D. (North Carolina), Professor, also Coordinator. Comparative Literature. Spanish and comparative literature.

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

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

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

NANCY NOBILE, 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.


RICCARDA SAGGSE, Ph.D. (Johns Hopkins), Assistant Professor. Italian.

LUARA A. SALISNO, Ph.D. (Indiana), Associate Professor. Italian.

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

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

MONIKA SHAFI, Ph.D (Maryland), Professor. German.

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

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

BRUNO THIBAULT, Ph.D (Paris X) and Ph.D. (Maryland), Professor. French.

ELIZABETH K. THIBAULT, M.A. (Maryland), Instructor. German.

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

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

AMALIA C. VEITIA, M.A (Delaware), Instructor. Spanish.

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

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

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

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.

DAVID R. LEGATES, Ph.D. (Delaware), Associate Professor. Hydroclimatology, precipitation and climate change, computational methods.

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

KENNETH W. NELSON, Ph.D. (Oklahoma), Professor. Periglacial and climatic geomorphology, topoclimatology, Quaternary paleoecology.

PETER W. REES, Ph.D. (California, Berkeley), Associate Professor, also Coordinator, LATAM Program. Urban geography-historical-geoeconomic geography, Latin America, geographic education.

YDIA 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.

CORY WILLMOTT, Ph.D. (California, Los Angeles), Professor, also Professor, College of Marine Studies. Climatology, quantitative methods.

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

Attorney Faculty: WILLIAM J. COHEN

Geology

JAMES E. PIZZUTO, Ph.D. (Minnesota), Professor and Chair. Geomorphology.

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

ROBERT R. JORDAN, Ph.D. (Bryn 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. Crystal structure analysis, systematic mineralogy, metacarbonate.

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), Professor, also Associate Professor, College of Marine Studies. Biostatigraphy, microfauna, petroleum geology, taphonomy, evolution and earth history.

SUSAN McGARY, Ph.D. (St. Anthony), Associate Professor, also Associate Professor, College of Marine Studies. Continental lithospheric structure, seismic investigations of continental margins, environmental geophysics.

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

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

Joint and Adjunct Appointments

Delaware Geological Survey: RICHARD N. BENSON

Adjunct Faculty: DAVID E. KRANTZ, JOHN D. WIK

History

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

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

ERICA R. ARMSTRONG, Ph.D. (Columbia), Assistant Professor. African-American history, women's history, nineteenth century U.S. history.

SUZANNE AUSTIN ALCHON, Ph.D. (Duke), Professor, also Acting Chair, Art Department. Latin American history.

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

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

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

JAMES M. BROPHY, Ph.D. (Indiana), Associate Professor. German history, European social and political history.

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

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

JESUS CRUZ, Ph.D. (California, San Diego), Associate Professor. Hispanic history, European social history.

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

CARA DELRAY, Ph.D. (Brandeis), Assistant Professor. Medieval Europe.

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

GERALD FIGAL, Ph.D. (Chicago), Associate Professor. Japanese history, East Asian civilizations.

J. RITCHIE GARRISON, Ph.D. (Pennsylvania), Associate Professor, also Associate Director, Museum Studies. Eighteenth and nineteenth century U.S. history and material culture.

SUSAN M. GAUSS, Ph.D. (SUNY at Stony Brook), Assistant Professor. Latin America, Mexico.

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

CAROL E. HOFPECKER, Ph.D. (Harvard), Richards Professor of History. Middle Eastern history, urban history.

JOHN I. HURT, Ph.D. (North Carolina), Professor. Seventeenth and eighteenth century France.

BARRY JOYCE, Ph.D. (California, Riverside), Assistant Professor, also Coordinator, Social Studies Teacher Education Program. Ethnic studies, the west, Native Americans.

PETER R. KOLCHIN, Ph.D. (Johns Hopkins), Henry Clay Reed Professor. Nineteenth-century U.S. history, Southern history, slavery.

WUNYABARI MALOBA, O.P.W., Ph.D. (St. Andrews), Associate Professor, also Coordinator, African Studies Program. African history.

CATHY MATSON, Ph.D. (Columbia), Associate Professor. American Colonial history, American economic and intellectual history to 1800.

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

GARY MAY, Ph.D. (California, Los Angeles), Professor. U.S. diplomatic relations, America since 1945.

MARK W. McLEOD, Ph.D. (California, Los Angeles), Associate Professor. World history, Modern East and Southeast Asia, Vietnam and revolutionary movement.
DONALD H. MEYER, Ph.D. (California, Berkeley), Professor: American intellectual history

ARWEN MOHUN, Ph.D. (Case Western), Associate Professor: History of technology, American industrialization, gender and work.

JOHN PATRICK MONTANO, Ph.D. (Harvard), Associate Professor: Tudor-Stuart England, early English politics, sixteenth and seventeenth England and Ireland

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

JONATHAN RUSS, Ph.D. (Delaware), Assistant Professor: 20th century U.S. History, U.S.-East Asian relations

STUART SEMMEL, Ph.D. (Harvard), Assistant Professor: Modern British history, European cultural history

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

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

SUSAN STRASSER, Ph.D. (SUNY Stony Brook), Professor: American industrialization, U.S. social and cultural history since 1873, U.S. business history

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

OWEN C. WHITE, Ph.D. (Oxford), Assistant Professor: Modern France, French Empire, West Africa

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

Joint Appointments

Art History: BERNARD L. HERMAN
Black American Studies: HOWARD B. JOHNSON
Criminal Justice: ERIC W. RISE
Economics: FARLEY GRUBB

Individual and Family Studies: TAMARA K. HAREVEN

Legal Studies

KENNETH J. KOFOORD, Ph.D. (UCLA), Professor and Director; also Professor of Economics, Political Science: Public choice, contract theory, industrial organization.

JOSEPH I. DANIEL, Ph.D. (Minnesota), J.D. (Northwestern), Associate Professor; also Associate Professor of Economics: Law and economics.

JULIET L. DEE, Ph.D. (Temple), Associate Professor; also Associate Professor of Communication: Mass media law

JOAN DEFFATORE, Ph.D. (Penn State), Professor, also Professor of English: First Amendment rights in schools.

JOSHUA M. DUKE, Ph.D. (Wisconsin), Assistant Professor; Legal Studies, also Assistant Professor, Food and Resource Economics

CHARLES M. ELSON, J.D. (Virginia), Professor; Legal Studies, also, Edgar S. Woolard, Jr. Chair in Corporate Governance

GERARD J. MANGONE, Ph.D. (Harvard), Professor, also University Research Professor, Marine Studies: Maritime and international law.

NANCY LEE SCHWEDA-NICHOLSON, Ph.D. (Georgetown), Professor, also Professor, Linguistics: Court interpretation, bilingualism.

Joint Appointments

Sociology: KENNETH HAAS, VALERIE HANS, ERIC RISE, GERALD TURKEL

Urban Affairs and Public Policy: LELAND WARE

Liberal Studies Program Advisory Committee

GARY MAY, Ph.D. (California, Los Angeles), Program Director; also Professor, History

D. HEYWARD BROCK, Ph.D. (Kansas), Professor, English

JOANN BROWNING, M.F.A. (Southern Methodist) Professor, Theatre

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

MARSHA L. CAROTHERS, M.F.A. (Pennsylvania State University), Associate Dean, College of Arts and Science; also Professor, Art: Visual communications

ANNE COLWELL, Ph.D. (Delaware), Coordinator, MALS Program, also Associate Professor, English

JOHN DEINER, Ph.D. (Rutgers), Associate Professor, Political Science and International Relations

KAREN ROSENBERG, Ph.D. (Michigan), Associate Professor, Anthropology, also Chair, Anthropology Department

DAVID SMITH, Ph.D. (Wisconsin), Associate Professor, Biological Sciences

Linguistics

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

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

BENJAMIN BRUENING, Ph.D. (M.I.T.), Assistant Professor, Linguistics: Syntax, psycholinguistics, Native American languages

FRED COLE, Ph.D. (Illinois), Professor Syntax, semantics, Quecha, Hebrew, Chinese

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

NANCY LEE SCHWEDA-NICHOLSON, Ph.D. (Georgetown), Professor: Interpretation, bilingualism, French, also Professor, Legal Studies

SATOSHI TOMIOKA, Ph.D. (Massachusetts), Assistant Professor; also Director of Graduate Studies: Semantics, syntax, East Asian linguistics

IRENE B. VOGEL, Ph.D. (Stanford), Associate Professor; also Director, Undergraduate Studies in Linguistics: 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, VIYA K. SHANKER

Education: ROBERTA M. GOLINKOFF, RICHARD L. VENEZKY

Psychology: BRIAN P. ACKERMAN

Adjunct Faculty: CHERYL SMITH

Mathematical Sciences

PHILIP BROADBRIDGE, Ph.D. (Adelaide, Australia), Professor and Chair: Mathematical physics.

DAVID O. OLAGUNJU, Ph.D. (Northwestern), Associate Professor and Associate Chair: Applied mathematics.

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

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

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

JINFA CAI, Ph.D. (Pittsburgh), Associate Professor: Mathematical education.

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

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

L. PAMELA COOK-IOANNIDIS, Ph.D. (Cornell), Professor: Applied mathematics, perturbation theory and transonic flow.
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 (Carnegie-Mellon), Associate Professor Asymptotics and perturbation theory.
ROBERT P. GILBERT, Ph.D (Carnegie-Mellon), Unidel Professor, also Unidel Professor, College of Studies, and Unidel Professor, Computer and Information Sciences: Integral and differential equations and function theory.
DAVID HALLENBECK, Ph.D (SUNY, Albany), Professor: 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.
FELIX LAZEBNIK, Ph.D (Pennsylvania), Professor: Combinatorics, graph and number theory.
YUKI I. LEUNG, Ph.D (Michigan), Associate Professor: Function theory.
WENBO LI, Ph.D (Wisconsin), Professor: Probability theory, stochastic processes, statistics.
WALTER K. MALLORY, Ph.D (Rutgers), Assistant Professor: Mathematical logic.
PETER B. MONK, Ph.D (Rutgers), UNIDEL Professor: Numerical analysis.
PATRICK F. MWERINDE, Ph.D (Columbia), Preparatory Math Educator.
M. ZUHAIR NASHED, Ph.D (Michigan), Professor, also Professor: Electrical Engineering: Functional analysis, optimization, integral equations, and numerical analysis.
GERALDINE PRANGE, M.S (St Louis), Preparatory Math Educator.
GEORGIA B. PYRROS, M.S (McMaster, Canada), Instructor: Business calculus.
RAKESH, Ph.D (Cornell), Associate Professor: Partial differential equations.
DAVID P. ROSELL, Ph.D (Duke), Professor and President of the University: Combinatorics.
LILLIAN RUSSELL, M.S (Delaware), Instructor: Statistics.
RENEA SCHEIDLER, Ph.D (Manitoba, Canada), Associate Professor: Cryptography.
GILBERTO SCHLEININGER, Ph.D (California, Los Angeles), Associate Professor: Applied mathematics, fluid dynamics, scientific computing.
ANTHONY SERAPHIN, M.S (Delaware), Preparatory Math Educator.
CLIFFORD W. SLOYER, Ph.D (Lehigh), Professor: Topology and mathematics education.
RICHARD J. WEINACHT, Ph.D (Maryland), Professor: Partial differential equations.
RONALD H. WENGER, Ph.D (Michigan State), Associate Professor: Algebra and mathematics education.
QING XIANG, Ph.D (Ohio State), Associate Professor: Combinatorics.
SHANGYOU ZHANG, Ph.D (Pean State), Associate Professor: Numerical analysis and scientific computation.

Joint and Adjunct Appointments

Computer and Information Sciences: BOBBY F. CAVINESS, B. DAVID SAUNDERS.

Education: WILLIAM B. MOODY.
Educational Technology RICHARD B. SACHER.
Food and Resource Economics: PAUL P. EGGEMONT, VINCENT N LaRiccia, DAVID M. MASON, LIDIA REITTO.

Mathematics and Science Education Resource Center: KATHLEEN A. HOLLOWELL.

Mechanical Engineering: LEONARD W. SCHWARTZ.

Military Science

KATHRYN H. HEWITT, M.S (Southern California), Lieutenant Colonel, United States Army, Professor and Chair.

WILLIAM BARTON, Master Sergeant, United States Army, Instructor.
BRIAN T. CASHMAN, B.S (Massachusetts), Captain, United States Army; Operations Officer and Assistant Professor.
BARBARA A. JONES, Staff Sergeant, United States Army, Supply Supervisor.
GREGG O'NEILL, B.S, (Radford), Captain, United States Army; Enrollment and Scholarship Officer and Assistant Professor.
WILLIAM E. RHOADES, B.S (Wilmington College), Major, United States Army National Guard, Executive Officer and Assistant Professor.
JOSEPH B. SAUNDERS, United States Army Civilian, Records Technician.
HOWARD E. STROTHER, Sergeant First Class, United States Army, Instructor.

Music Studies

BRYANT T. TOLLES, JR, Ph.D (Boston University), Director and Professor, also Professor; History, Art History.

J. RITCHIE GARRISON, Ph.D (Pennsylvania), Associate Director and Associate Professor, 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), Professor, also Professor of Art History and Professor; Urban Affairs and Public Policy.

Music

RUSSELL E. MURRAY, Ph.D (North Texas), Acting Chair, also Associate Professor; Music history.

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

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

JENNIFER BARKER, Ph.D (Pennsylvania), Assistant Professor; Music theory and composition.

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

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

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

JON A. CONRAD, Ph.D (Indiana), Associate Professor; Music theory, vocal literature.

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

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

MELANIE K. DeMENT, O.M (North Texas), Associate Professor; Voice.

MARY DUNNACK, B.M (Houghton College), Administrator for Recruiting, Admissions, and Scholarship.

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

J. MICHAEL FOSTER, M.A (Virginia), Music Resources Supervisor; Jazz history, bibliography.

XIAO GAO, M.M (Michigan), Assistant Professor; Violin and Viola.

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

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

PAUL D. HEAD, M.M (Westminster Choir College), Assistant Professor: Director of Choral Studies.

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

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

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

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

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

JAMES C. PROdan, DMA (Ohio State University), Professor and Chair: Oboe.
MARIE H. ROBINSON, D.M. (Florida State), Associate Professor: Voice and opera workshop.

HEIDI SARVER, M.M. (Massachusetts, Amherst), Associate Professor; also Director, Blue Hen Marching Band.


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

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.

**Philosophy**

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

ROBIN O. ANDREASEN, Ph.D. (Wisconsin), Assistant Professor: Philosophy of biology, philosophy of science, gender/race studies.

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

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

KAI DRAPER, Ph.D. (University of California, Irvine), Assistant Professor: Ethics and philosophy of law.

PAUL T. DURBIN, Ph.D. (Aquinas 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.

MARK GREENE, Ph.D. (Stanford University), Assistant Professor: Bioethics.

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

RICHARD M. HANLEY, Ph.D. (Maryland), Assistant Professor: Philosophy of language, metaphysics, ethics.

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

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

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.

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

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

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

**Physical Therapy**

STUART BINDER-MACLEOD, Ph.D., P.T. (Medical College of Virginia), Professor and Chair: Electrical stimulation parameters on muscle performance.

JAMES C. GALLOWAY, Ph.D., P.T. (Arizona), Assistant Professor: Development of infant motor behaviors.

NOEL M. GOODSTADT, M.C.P. (Hahnemann University), Physical Therapist: Physical Therapy Clinic.

STACIE LARKIN, M.Ed., P.T (Boston University), Academic Coordinator of Clinical Education.

JOSEPH A. LUCCA, Ph.D., P.T. (Delaware), Associate Professor: Health care delivery systems for the elderly.

TARA IO MANAL, M.P.T, O.C.S. (Delaware), Director of Physical Therapy Clinic.

IRENE S. McCLAY, Ph.D., P.T. (Penn State), Associate Professor. Biomechanical analysis of running injuries.

PAUL F. METTLER, Ed.D., P.T. (Northeastern), Associate Professor: Higher education administration.

KATHERINE RUDOLPH, Ph.D., P.T. (Delaware), Assistant Professor: EMG to characterize movement strategies.

JOHN SCHOLZ, Ph.D., P.T. (Connecticut), Associate Professor: Examination of motor control using motion analysis.


KENNETH W. SEAMAN, M.A., P.T. (Delaware), Academic Coordinator of Clinical Education.

LYNN SNYDER-MACKLER, Sc.D., P.T. (Boston University), Professor: Examination of rehabilitation protocols following ACL repair.

**Physics and Astronomy**

JAMES MacDONALD, Ph.D. (Cambridge), Professor and Acting Chair: Astronomy and astrophysics, white dwarfs, cataclysmic variables.

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

CHENG-MING FOU, Ph.D. (Pennsylvania), Professor: Nuclear physics and accelerator-based atomic physics.

JOHN GIZIS, Ph.D. (Caltech), Assistant Professor: Astronomy and astrophysics, brown dwarfs.

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

GEORGE HADJIPANAYIS, Ph.D. (Manitoba), Richard B. Murray 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.

CHUNG N. LEUNG, Ph.D. (Minnesota), Professor: Elementary particle theory.

JOHN D. MORGAN, Ph.D. (California, Berkeley), Associate Professor: Theoretical atomic and molecular physics.

NORBERT MULDERS, Ph.D. (Delaware), Associate Professor: Condensed matter, low temperatures.

EDMUND NOWAK, Ph.D. (Minnesota), Assistant Professor: Condensed matter, strongly correlated systems, superconductivity and granular materials.

ISMAT SHAH, Ph.D. (Illinois), Associate Professor: Thin films, surfaces and interfaces.

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 SZELEWICZ, Ph.D. (Warsaw), Professor: Theoretical atomic and molecular physics.

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), United Professor and Associate Dean: 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.

JOHN Q. XIAO, Ph.D. (Johns Hopkins), Associate Professor: Experimental condensed matter, transport, magnetism, and superconductivity in artificial nanostructures.

Joint Appointments
Materials Science and Engineering: S. ISMAT SHAH.
FACULTY AND PROFESSIONAL STAFF

Bartol Research Institute

STUART PITTEL, Ph.D. (Minnesota), Professor and Director: Theoretical nuclear physics, nuclear astrophysics.
STEPHEN M. BARR, Ph.D. (Princeton), Professor: Elementary particle theory.
JOHN W. BIEBER, Ph.D. (Maryland), Professor: Cosmic ray physics.
SU-TAT CHUI, Ph.D. (Princeton), Professor: 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: Particle physics and particle astrophysics.
WILLIAM H. MATTHEUS, 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.
NORMAN F. NESS, Ph.D. (M.I.T.), Professor: Space physics, planetary and interplanetary magnetism.
STANLEY P. OWOCKI, Ph.D. (Colorado), Professor: Astrophysics, stellar atmospheres, winds and disks.
DAVID SECKEL, Ph.D. (Washington), Associate Professor: Cosmology, particle astrophysics.
QAIASAR SHAFI, Ph.D. (Imperial College), Professor: Elementary particle theory, cosmology.
TODD STANEY, Ph.D. (Sofia), Professor: Particle astrophysics, cosmic ray physics.

Political Science and International Relations

JOSEPH A. PIKA, Ph.D. (Wisconsin), Acting Chair, also Professor: American and public administration.
WILLIAM H. MEYER, Ph.D. (Iowa), Professor and Associate Chair: International relations.
ALICE BA, Ph.D. (Virginia), Assistant Professor: East Asia and comparative politics.
GRETCHEN BAUER, Ph.D. (Wisconsin), Associate Professor: African and comparative politics.
YAROSLAV BILINSKY, Ph.D. (Princeton), Professor: Comparative politics.
RICHARD KURT BURCH, Ph.D. (Minnesota), Associate Professor: International relations.
KENNETH J. CAMPBELL, Ph.D. (Temple), Associate Professor: International relations.
JULIO F. CARRIION, Ph.D. (Pittsburgh), Assistant Professor: Latin American 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. GOLDSTEIN, Ph.D. (Cornell), Unidel Professor: Constitutional law.
DANIEL M. GREEN, Ph.D. (Indiana), Associate Professor: International development and comparative public administration.
MATTW. HOFFMANN, Ph.D. (George Washington), Assistant Professor: Global governance, environmental politics.
MARK W. HUDDLESTON, Ph.D. (Wisconsin), Professor, also, Dean, College of Arts and Science; also Professor, Urban Affairs and Public Policy: Public administration.
DAVID E. INGERSOLL, Ph.D. (Claremont), Professor: Political philosophy.
JANET B. JOHNSON, Ph.D. (Cornell), Associate Professor, also Associate Professor, Urban Affairs and Public Policy: Environmental policy, state and local government, research methods.
KENNETH J. KOFORD, Ph.D. (UCLA), Professor: Public choice, contract theory, industrial organization; also Professor, Economics; also Professor and Director, Legal Studies.

JAMES MAGEE, Ph.D. (Virginia), Professor: Public law.
MARK J. MILLER, Ph.D. (Wisconsin), Professor: Comparative 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.
HENRY T. REYNOLDS, Ph.D. (North Carolina), Professor, also Professor, Urban Affairs and Public Policy: American government, research methods, methodology.
JERROLD 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. SYLVE, 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 BEGELTER.
Criminal Justice: KENNETH HAAS.
Economics: KENNETH J. KOFORD.
Education: JAN BLITS.
Marine Studies: BILIANA CICIN-SAIN, GERARD J. MANGONE.
Urban Affairs and Public Policy: DEBORAH AUGER, KATHRYN G. DENHARDT, JEROME R. LEWIS, DANIEL RICH, JEFFREY A. RAFFLE, PAUL SOLANO, ROBERT WARREN.

Psychology

BRIAN P. ACKERMAN, Ph.D. (SUNY, Stony Brook), Professor and Acting Chair; also Professor, Linguistics: Cognitive development, emotional development, developmental risk.
LAWRENCE H. COHEN, Ph.D. (Florida State), Professor and Associate Chair: Stressful life events, coping, personality.
GEORGE A. CICALA, Ph.D. (Princeton), Professor: Avoidance conditioning, strategies in learning.
RITA Y. COHEN, Ph.D. (Florida State), Associate Professor; also Director, Psychological Services: Health psychology.
THOMAS M. DILorenzo, Ph.D. (West Virginia), Professor: 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 KOBAK, Ph.D. (Virginia), Associate Professor: Parent-teen relations and family relations.
D. MICHAEL KUHLMAN, Ph.D (California, Santa Barbara), Associate Professor: Individual differences in the social motives of cooperation, individualism, and competition.

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FACULTY AND PROFESSIONAL STAFF

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.

ERIC W. RISE, J.D., Ph.D. (Florida), Associate Professor and Associate Chair, Criminal Justice Program. Constitutional legal history; also Professor, Legal Studies.

RICHARD S. SHARF, Ph.D. (California, Berkeley), Professor and Chair. Social problems, social deviance.

JOYCE B. WISE, Ph.D. (Georgia), Associate Professor. Collective behavior/sociomotions, race/ethnic/minority relations.

MARGARET L. ANDERSON, Ph.D. (Massachusetts), Professor; also Professor, Women’s Studies. Race relations, sex and gender theory.

TAMMY L. ANDERSON, Ph.D. (The American University), Assistant Professor and Ethnographer for the Center for Drug and Alcohol Studies. Drug abuse, HIV, and crime.

RONET BACHMAN, Ph.D. (New Hampshire), Professor. Crime and research methods.

SALLY BOULD, 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.

GORDON J. DIENZNO, Ph.D. (Notre Dame), Professor. Social psychology, personality and social systems, social psychiatry.

DAVID ERMANN, Ph.D. (Michigan), Professor. Corporate crime, medical, complex organizations.

DAVID GULICK, Ph.D. (Sam Houston State), Assistant Professor. Criminology, corrections.

KENNETH C. HAAS, Ph.D. (Rutgers), Professor. Judicial behavior, criminal law, corrections law; also Professor, Legal Studies.

FREDERICK A. MASTERTON, Ph.D. (Princeton), Professor. Animal learning, artificial intelligence, computer systems, mathematical psychology.

JOHN P. MCCLAUGHLIN, Ph.D. (New York University), Associate Professor. Strategies in learning, semantic organization, retention, aesthetics.

DAVID P. NORTHCROFT, Ph.D. (Sussex, England), Professor; also Coordinator, Neuroscience. Neuropsychology of vision and visual development.

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

JEFFREY ROSEN, Ph.D. (Wayne State), Professor; Women’s Studies. Behavior/social movements, race/ethnic/minority relations.

EILEEN SATINOFF, Ph.D. (New York), Professor. Criminology, corrections.

ROBERT F. SIMONS, Ph.D. (Wisconsin), Professor and Ethnographer for the Center for Drug and Alcohol Studies.

EVELYN SKEEN, Ph.D. (Florida State), Professor and Chair. Criminal justice programs.

CARLISLE SKEEN, Ph.D. (Florida State), Professor. Cultural, racial and ethnic identities, social development.

JAMES H. CUNNINGHAM, MA (Toronto), Professor. Acting, directing.

SUSAN MILLER, Ph.D. (Maryland), Professor. Criminology, sex and gender, policing.

ANDREW M. NIGG, Ph.D. (California, Los Angeles), Professor. Collective behavior, social movements, social psychology.

CYNTHIA ROBBINS, Ph.D. (Michigan), Professor. Substance abuse, deviance, social epidemiology.

FRANK R. SCARPITI, Ph.D. (Ohio State), Edward F. and Elizabeth G. Rosenberg Professor of Sociology. Deviant behavior, crime and delinquency.

BENJAMIN STEINER, Ph.D. (Northeastern), Assistant Professor. Justice decision making, social control, intersections of race, culture and criminal punishment.

KATHLEEN J. TIERNEY, Ph.D. (Ohio State), Professor, also Co-Director, Disaster Research Center. Collective behavior, qualitative methods.

GERALD M. TURKEL, Ph.D. (California, Santa Barbara), Professor. Social theory, social psychology; also Professor, Legal Studies.

JOANNE E. BROWNING, MA (Iowa), Professor and Chair. Undergraduate acting.

KELLY, DPA (New York University), Professor and Chair. Undergraduate acting.

KATHLEEN J. TIERNEY, Ph.D. (Ohio State), Professor, also Co-Director, Disaster Research Center. Collective behavior, qualitative methods.

JOHN JAMES A. INCIARDI, PhD (New York University), Associate Professor, also Professor, Legal Studies. Deviant behavior, crime and delinquency.

RICHARD P. BROWN, Ph.D. (Tulane), Associate Professor. Social deviance, social epidemiology.

RICK A. CUNNINGHAM, MA (Tulane), Professor. Social science; also Professor, Legal Studies.

CAROL B. KLOCHEK, Ph.D. (Pennsylvania), Professor. Criminal justice, police, criminology.
Joint and Adjunct Appointments

English: JAY L. HALIO

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, Ph.D. (Wisconsin), Associate Professor, History: Women’s studies, antebellum America.
MARTIN BRUECKNER, Ph.D. (Brandeis), Associate Professor, Colonial American literature.
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), Edward F. and Elizabeth Goodman Rosenbaum Professor, Art History, also Director, Center for American Material Culture Studies: Folklife and folklife, material culture.
CHRISTINE HEYMAN, Ph.D. (Yale), Professor, History: Colonial period.
MATTHEW KINSERVIK, Ph.D. (Penn State), Assistant Professor, English: Eighteenth century British literature.
PETER KOLCHIN, Ph.D. (Johns Hopkins), Henry Clay Reed Professor, History: Nineteenth century U.S. history, southern history, slavery.
MICHAEL LEJA, Ph.D. (Harvard), Sewell C. Biggs Chair in American Art: 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: History of technology.
ARWEN MOHUN, Ph.D. (Case Western), Associate Professor, History: American industrialization, U.S. social and cultural history since 1873, U.S. business history.
BRYANT F. TOLLES, JR., Ph.D (Boston), Director, Museum Studies Program, also Professor, History and Professor, Art History: American decorative arts.

Joint and Adjunct Appointments

Adjunct Faculty: GRETCHEN T. BUGGEL, WENDY COOPER, LINDA EATON, PAULINE EVERSWRIGHT, DONALD L. FENNMORE, LESLIE GROSGRY, PATRICIA HALFPENNY, CHARLES F. HUMMEL, JR., BROCK JOBE, GARY KULIK, RICH MCKINSTRY, NEVILLE THOMPSON, ANNE VERPLANCH.

Women’s Studies

MARIAN LIEF PALLEY, Ph.D. (New York University), Director and Professor: also Professor, Political Science and International Relations: Public policy analysis, American politics, women and politics.
MARGARET L. ANDERSEN, Ph.D. (Massachusetts), Professor: also Professor, Sociology and Criminal Justice: Race relations, sex and gender, theory.
ROBIN ANDREASEN, Ph.D. (Wisconsin), Assistant Professor: also Assistant Professor, Philosophy: Philosophy of biology, philosophy of science, and gender/race studies.
ERICA ARMSTRONG, Ph.D. (Columbia), Assistant Professor: also Assistant Professor, History: African American history, women’s history, nineteenth century U.S. history.
GRETCHE BAUER, Ph.D. (Wisconsin), Associate Professor: also Associate Professor, Political Science and International Relations: African and comparative studies.
KAREN BAUER, Ph.D. (Maryland), Assistant Professor: also Assistant Director, Institutional Research and Planning: Student outcome, assessment.
SALLY BOULD, Ph.D. (California, Berkeley), Professor: also Professor, Individual and Family Studies, also Professor, Sociology and Criminal Justice: Gerontology, family.
ANNE BOWLER, Ph.D. (New School for Social Research), Associate Professor, also Associate Professor, Sociology and Criminal Justice: Cultural theory, sex and gender.
ANNE M. BOYLAN, Ph.D. (Wisconsin), Professor: also Professor, History: U.S. social history, history of women.
SUZANNE J. CHERRIN, Ph.D. (Delaware), Assistant Professor: International gender issues: sexuality and gender, breast cancer, gender and competition.
PETER FENG, Ph.D. (Iowa), Professor: also Associate Professor, English: Asian-American film.
MARIA FRAWLEY, Ph.D. (Delaware), Associate Professor, also Associate Professor, English: Victorian women’s literature, nineteenth-century nonfiction, contemporary women’s literature, disability studies, autobiography.
BARRABA T. GATES, Ph.D. (Bryn Mawr), Professor, also Alumni Distinguished Professor, English: Victorian literature.
ANNETTE GIESKESKE, Ph.D. (Harvard), Assistant Professor, also Assistant Professor, Foreign Languages and Literature: Classics.
BETH HASLETT, Ph.D. (Minnesota), Professor: also Professor, Communication, and Professor, Psychology: Gender and communication, leadership and organizations.
SAUL HOFFMAN, Ph.D. (Michigan), Professor: also Chairperson, Economics: Labor economics.
MARIE LABERGE, Ph.D. (Wisconsin), Assistant Professor: Twentieth century American history, U.S. women’s history.
WUNYABARI MALOBA, O.P.W., Ph.D (Stanford), Associate Professor, also Associate Professor, History, also Coordinator, African Studies Program: African history.
LAWRENCE MARCEAU, Ph.D. (Harvard), Associate Professor: also Associate Professor, Foreign Languages and Literature: Japanese.
RUDOLF MATTHEE, Ph.D. (California, Los Angeles), Associate Professor, also Associate Professor, History: Middle Eastern history.
JUDY McINNIS, Ph.D. (North Carolina), Professor: also Professor, Foreign Languages and Literature: Spanish and comparative literature.
SUSAN MILLER, Ph.D. (Maryland), Professor: also Professor, Sociology and Criminal Justice: Criminology, sex and gender, policing.
RUSSELL E. MURRAY, Ph.D. (North Texas), Associate Professor, also Acting Chair, Music: Music history.
LUCIA PALMER, Ph.D. (Pisa), Professor: also Professor, Philosophy: Ancient and modern philosophy, ethics.
LINDA PELLECCHIA, Ph.D. (Harvard), Associate Professor: also Associate Professor, Art History: History of architecture, Renaissance art.
ALVINA E. QUINTANA, Ph.D. (California, Santa Cruz), Associate Professor, also Associate Professor, English: Multicultural studies, women’s literature.
KAREN ROSENBERG, Ph.D. (Michigan), Associate Professor: also Chair, Anthropology: Paleoanthropology, human locomotion and birth, Neanderthals.
JESSICA SCHIFFMAN, M.A. (Delaware), Assistant Director: Gender and violence.
MARGARET STETZ, Ph.D. (Harvard), Visiting Associate Professor: Women and literature, British literature.
KATHLEEN D. TURKEL, Ph.D (Delaware), Assistant Professor: Women’s health: motherhood and culture.
JULIE MAPES WILGEN, Ph.D. (Texas Tech), Assistant Professor: also Assistant Professor, Individual and Family Studies: Human sexuality.
OTHER PROGRAMS IN THE COLLEGE OF ARTS AND SCIENCE

University Museums: University Gallery/University of Delaware Mineralogical Museum
BELENA S. CHAPP, M.A. (Purdue), Director, Museums.
JANET R. BROSKE, M.A. (Delaware), Curator, University Gallery.
TIM GOECK, M.F.A. (California Institute of the Arts), Head Exhibition Designer.

University Parallel Program
HELEN EASTERING WILLIAMS, Ed.D. (Delaware), Senior Assistant Dean, University Parallel Program and Wilmington Parallel.

Wilmington Campus
JOHN D. ANDERSON, Ph.D. (Delaware), Associate Professor of Mathematics.
JOHN A. BARTLEY, Ph.D. (Delaware), Assistant Professor of Biology.
PHILIP GOLSTEIN, Ph.D (Temple), Professor of English.
ALAN M. HIRWITZ, M.A. (Delaware), Associate Professor of Sociology/Criminal Justice.
MICHAEL ROSENBERG, Ph.D (Temple), Associate Professor of Anthropology.
MADISON A. DE LOS SANTOS, Ph.D (Hunter), Associate Professor of English.
DUCHAIGNE, Ph.D. (Virginia), Associate Professor of English.

Dover Campus
KATHERINE A. BIEKER, M.A. (Central Michigan), Assistant Dean, Dover Campus.
BARBARA Z. CHRISTENSEN, M.A. (Delaware), Assistant Professor of English.
CARLA C. MURK, M.S. (R.I.), Assistant Professor of Mathematics.
SHARON S. TUCKER, Ph.D (Rutgers), Associate Professor of Biology.

Georgetown Campus
JULIO CARRION, Ph.D (Pittsburgh), Assistant Professor.
ANNE A. COLWELL, Ph.D (Delaware), Associate Professor of English.
LAWRENCE A. CURTIS, Ph.D (Delaware), Professor, Biology, also Professor, Department of Biological Sciences, and Professor, Marine Studies.
DANIEL B. GULICK, Ph.D (Sam Houston), Assistant Professor of Criminal Justice.
NANCY S. HALL, M.A (Delaware), Assistant Professor of Mathematics.
JAMES KEEGAN, Ph.D. (Delaware), Assistant Professor of English.
CHARLES M. KOPAY, Ph.D. (Delaware), Associate Professor of Chemistry.
MARK W. McLEOD, Ph.D (California, Los Angeles), Associate Professor of History.
RUTH S. MULFORD, M.A (Yale), Instructor of Music.
HENRY R. NYCE, M.A. (Delaware), Assistant Professor of Sociology.
NORMAN S. PASSMORE, Ph.D (Delaware), Assistant Professor of Mathematics.

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
MICHAEL J. GINZBERG, Ph.D. (MIT), Dean; also Chaplin Tyler Professor of Business.
JACK BAROUDI, Ph.D. (NYU), Associate Dean, also Professor of Accounting and Management Information Systems.
TERRY M. WHITTAKER, M.A (Minnesota), Assistant Dean.

Accounting and Management Information Systems
E. KENT ST. PIERRE, Ph.D (Washington), C.P.A., Professor and Chair Financial accounting.
JACK BAROUDI, Ph.D. (NYU), Professor Accounting, also, Associate Dean, College of Business Economics.
JOSEPH A. BRADY, Ph.D. (Delaware), Instructor.
DALE BUCKMASTER, Ph.D. (Penn State), C.P.A., Professor Financial accounting.
SPRING DAVIDSON, B.S (Delaware), Instructor.
ARAYA DEBESSAY, Ph.D. (Syracuse), C.P.A., C.M.A., C.I.A., Professor Auditing and financial accounting.
DORRIS DELUC, Ph.D. (Temple), Assistant Professor Management Information Systems.
GLORIA ZOOK DIOZATO, M.B.A (Delaware), Project Director for the MIS minor.

FACULTY AND PROFESSIONAL STAFF
Business Administration

JOHN E. SAWYER, Ph.D (Illinois), Chair, also Associate Professor: Management.
RICK L. ANDREWS, Ph.D (Virginia Tech), Associate Professor: Marketing.
JOHN H. ANTIL, Ph.D (Penn State), Associate Professor: Marketing.
KARL F. QUINNO, Ph.D (Northwestern), Associate Professor: Management.
MARK BAMBACH, M.B.A (LaSalle), Instructor: Marketing.
THOMAS E. BECKER, Ph.D (Ohio State), Associate Professor: Management.
VIVIAN BENNETT, M.B.A (Delaware), Instructor: Operations Management.
V. CARTER BROACH, Ph.D. (Michigan State), Instructor: Marketing.
DARWIN J. DAVIS, Ph.D (Indiana), Assistant Professor: Operations management.
YANCEY EDWARDS, Ph.D (Ohio), Assistant Professor: Marketing.
DIANE L. FERRY, Ph.D. (Pennsylvania), Associate Professor: Management.
SANDRA M. FIELDS, M.B.A (Rutgers), Instructor: Marketing.
DANIEL FREEMAN, Ph.D. (Arizona), Assistant Professor: Marketing.
HOWARD GARLAND, Ph.D (Cornell), Chaplin Tyler Professor of Business: Management.
WILLIAM V. GEHRLEIN, Ph.D (Penn State), Professor: Operations Management.
MICHAEL J. GINZBERG, Ph.D (MIT), Professor, also Dean, College of Business and Economics.
JENNIFER GREGAN-PAXTON, Ph.D (Minnesota), Assistant Professor: Marketing.
ROBERT J. KENT, Ph.D (Cincinnati), Associate Professor: Marketing.
MARY C. KERNAN, Ph.D. (Akron), Associate Professor: Management.
HEMANT KHER, Ph.D (South Carolina), Assistant Professor: Operations management.
JOHN L. KMETZ, D.B.A (Maryland), Associate Professor: Management.
YASEMIN KOR, Ph.D. (Illinois), Assistant Professor: Management.
CHRISTINE T. KYDD, Ph.D. (Pennsylvania), Associate Professor: Operations management.
NING LI, Ph.D (Duke), Assistant Professor: Marketing.
AJAY K. MANRAJ, Ph.D (Northwestern), Professor: Marketing.
LALITA A. MANRAJ, Ph.D (Northwestern), Professor: Marketing.
VILMOS MISANGYI, Ph.D. (Florida), Assistant Professor: Management.
JOHN F. PREBLE, Ph.D (Massachusetts), Associate Professor: Management.
ERWIN M. SANIGA, Ph.D (Penn State), Dana J. Johnson Professor and Area Head for Operations Management: Operations.
STEWARD A. SHAPIRO, Ph.D (Arizona), Associate Professor: Marketing.
DANIEL P. SULLIVAN, Ph.D (South Carolina), Associate Professor: Management.
ANTHONY TOWNSEND, Ph.D (Virginia Polytech), Assistant Professor: Information technologies management.
SHARON WATSON, Ph.D (South Carolina), Assistant Professor: Management.
GARY R. WEAVER, Ph.D. (Iowa & Penn State), Associate Professor: Management.
RICHARD M. WEISS, Ph.D (Cornell), Associate Professor: Management.
W. SCOTT WYCoff, Ph.D. (Delaware), Instructor: Management.

Joint and Adjunct Appointments

Philosophy: DAVID W. HASLETT.

Economics

SAUL D. HOFFMAN, Ph.D (Michigan), Professor and Chair: Labor economics.
MICHAEL A. ARNOLD, Ph.D (California, Los Angeles), Associate Professor and Associate Chair: Microeconomics.
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.
STACIE BECK, Ph.D (Pennsylvania), Associate Professor: Monetary economics.

DAVID E. BLACK, Ph.D (M.I.T.), Associate Professor: Microeconomics.
JAMES L. BUTKIEWICZ, Ph.D (Virginia), Professor: Macroeconomics.
ELEANOR D. CRAIG, M.A. (Pennsylvania), Associate Professor: Public finance.
JOSEPH I. DANIEL, Ph.D (Minnesota), Associate Professor: Industrial organization; also Associate Professor, Legal Studies.
LAWRENCE P. DONNELLEY, Ph.D (Brown), Associate Professor: International economics.
EVANGELOS M. FALARIS, Ph.D (Minnesota), Associate Professor: Development economics.
CONRADO M. GEMPESEW II, Ph.D (Penn State), Professor, also, Professor, Food and Resources Economics: Production economics, agricultural finance, and statistics; also, Vice Provost for Academic and International Programs.

Finance

M. ANDREW FAILDS, Ph.D (Virginia Tech), Associate Professor and Chair: Corporate finance, corporate governance.

THOMAS W. BATES, Ph.D (Pittsburgh), Assistant Professor: Corporate finance, corporate governance.

KENNETH BIEDERMAN, Ph.D (Purdue), Professor: Corporate finance, investments.

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

TERRY L. CAMPBELL, Ph.D (Penn State), Assistant Professor: International finance, corporate finance, corporate governance.

JAY F. COUGHERNOUR, Ph.D (Arizona), Assistant Professor: Investments, financial markets, market microstructure.

TIMOTHY E. DETWILER, M.B.A. (Western Illinois), Instructor: Corporate finance.
KENNETH E. BARNER, PhD. (Delaware), Corporate Governance: Corporate law, corporate governance; also Professor, Legal Studies

STUART GILLAN, Ph.D. (Texas), Assistant Professor: Corporate governance, institutional investors and capital markets.

JEFFREY H. HARRIS, Ph.D. (Ohio State), Assistant Professor: Investments, financial markets, market microstructure.

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

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

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

RAJ D. VARMA, Ph.D. (Penn State), Professor: Corporate finance, corporate governance, raising capital.

COLLEGE OF ENGINEERING

Office of the Dean

ERIC W. KALER, Ph.D. (Minnesota), Dean, also Elizabeth Inez Kelly Professor, Chemical Engineering.

DICK J. WILKINS, Ph.D. (University of Oklahoma), Associate Dean, also Professor, Mechanical Engineering.

DAN L. BOULET, JR., M.S. (Air Force Institute of Technology), Assistant Dean, Undergraduate Affairs.

CHRISTINE E. COOK, M.Ed. (Delaware), Assistant Dean, Finance and Operations.

ROBERT W. SAMPLE, M.S.B.A. (Rochester), Assistant Dean, College Affairs.

MARTIN L. VAUGHAN, M.S. (North Carolina A&T), Assistant Dean, Student Affairs, and Director of the RISE Program.

KATHLEEN C. WERRELL, B.S. (Muhlenberg), Assistant Dean, Engineering Outreach.

NADINE OWENS, B.A. (Hampton University), Coordinator.

JOSEPH C. TANNER, B.S. (Penn State), Coordinator, Engineering Outreach.

Air Force ROTC

JEFFERY W. WANDREY, M.S. (Dayton), Lieutenant Colonel, United States Air Force, Professor and Chair.

STEPHEN K. HORNISH, M.Ed. (Loyola), Major, United States Air Force, Assistant Professor.

MICHAEL G. PEPPER, M.Ed. (Wilmington College), Major, United States Air Force, Assistant Professor.

Biomechanics and Movement Science

THOMAS S. BUCHANAN, Ph.D. (Northwestern), Academic Director, also Director of the Center for Biomedical Engineering Research, and Associate Professor, Mechanical Engineering: Musculoskeletal modelling, EMG-driven biomechanical models, neural control of arm postures, neuromuscular mechanisms of knee joint stability.

UNIL AGRAWAL, Ph.D. (Northwestern), Associate Professor, Mechanical Engineering: Control of mechanical systems, robotics, optimization.

DAVID A. BARLOW, Ph.D. (Indiana), Associate Professor, Health and Exercise Sciences: Sport biomechanics, equine biomechanics, anatomy.

KENNETH E. BARNER, Ph.D. (Delaware), Associate Professor, Electrical and Computer Engineering: Signal and image processing in human movement and human-computer interaction systems.

STUART A. BINDER-MACLEOD, Ph.D., P.T. (Medical College of Virginia), Professor and Chair, Physical Therapy: Neurophysiology, relationship between activation frequency and force output of skeletal muscle, muscle fatigue.

JAMES C. GALLOWAY, Ph.D., P.T. (Arizona), Assistant Professor, Physical Therapy: Development of infant motor behaviors, neuro-motor control of normal and dysfunctional arm behaviors, interlimb control in musicians.

NANCY GETCHELL, Ph.D. (Wisconsin), Assistant Professor, Health and Exercise Science: Development of interlimb coordination and motor control in multilimb tasks.

SUSAN J. HALL, Ph.D. (Washington State), Professor and Chair, Health and Exercise Sciences: Lumbar spine biomechanics, exercise efficacy, sport biomechanics.

MICHAEL KEEFE, Ph.D. (Minnesota), Associate Professor, Mechanical Engineering: Geometric modeling of complex biological surfaces.

IRENE S. CLAY, Ph.D., P.T. (Penn State), Associate Professor, Physical Therapy: Biomechanics, lower extremity mechanics, injury, locomotion, treatment, intervention.

FREEMAN MILLER, M.D. (Colorado), Department of Orthopedics, A.I. duPont Institute: Pediatric biomechanics, birth injury analysis, gait analysis of children with cerebral palsy.

JOHN E. NOVOTNY, Ph.D. (Vermont), Assistant Professor, Department of Mechanical Engineering: Orthopaedic biomechanics: shoulder and spine, kinematic and material testing and analytical modeling; tissue mechanics: analysis of mechanical behavior of ligaments, tendon and cartilage, study of the effects of injury and healing.

JAMES G. RICHARDS, Ph.D. (Indiana), Professor, Health and Exercise Sciences: Device design and gross musculoskeletal modeling, gait analysis, sport biomechanics.

TODD ROYER, Ph.D. (actly State), Assistant Professor, Health and Exercise Sciences: Biomechanics and energetics of gait.

KATHERINE S. RUDOLPH, Ph.D., P.T. (Delaware), Assistant Professor, Physical Therapy: Automated movement analysis, electromyography, neuromuscular control of the knee.

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

JOHN P. SCHOLZ, Ph.D., P.T. (Connecticut), Associate Professor, Physical Therapy: Movement coordination, movement disorders, regulation of limb stiffness.

LYNN SNYDER-MACKLER, P.T., Sc.D. (Boston University), Professor, Physical Therapy: Neuromuscular physiology, applied anatomy, anterior cruciate ligament injury.

JIAN-QIAO SUN, Ph.D. (Berkley), Associate Professor, Mechanical Engineering: Suppression of abnormal tremor, stability of human movement.

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, also Director of the Center for Biomedical Engineering Research, and Director of the Biomechanics and Movement Science Program.

FRANCIS J. 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.

JOHN E. NOVOTNY, Ph.D. (Vermont), Assistant Professor: Orthopaedic biomechanics, tissue mechanics, mathematical modeling.

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.

MICHAEL H. SANTARE, Ph.D. (Northwestern), Associate Professor of Mechanical Engineering: Orthopedic biomechanics, mechanics of soft tissues.
Chemical Engineering

MARK A. BARTEAU, Ph.D. (Stanford), Chair and Robert L. Pigford Professor, also Professor, Chemistry and Biochemistry: 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.

JINGQIANG CHEN, Ph.D. (Pittsburgh), Professor: Surface and interface, nanotechnology devices and sensors, environmental catalysis.

COSTEL D. DENSON, Ph.D. (Utah), Professor: Polymer processing and rheology, mixing, mass transfer, chemical reactions.

PRASAD DHURJATI, Ph.D. (Purdue), Assistant Professor: Biotechnology, heavy metal pollution.

JEREMY S. EDWARDS, Ph.D. (California at San Diego), Assistant Professor: Quantitative analysis of cellular processes, metabolic engineering and biotechnology, bioinformatics and genomics, genomics systems engineering, biological systems evolution.

ERIC M. FURST, Ph.D. (Stanford), Assistant Professor: Complex fluids, cellular biophysics, colloidal science, microfluidics, interfacial phenomena.

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

JOCHEN A. LAUTERBACH, Ph.D. (Free University of Berlin), Associate Professor: Development and application of spectroscopic techniques for study of surface processes, high-throughput catalysis, fabrication of conducting polymer nanofilms, non-linear dynamics of heterogeneous catalysis and catalysis of supported catalysts.

ABRAHAM A. LENHOFF, Ph.D. (Wisconsin), Professor: Transport phenomena, separation processes, biophysics and bioengineering.

RAUL F. LOBO, Ph.D. (California Institute of Technology), Associate Professor: Inorganic materials synthesis and characterization, catalysis and kinetics, and adsorption and separations.

CHRISTOPHER J. ROBERTS, Ph.D. (Princeton), Assistant Professor: Kinetics and statistical thermodynamics of liquids, amorphous solids, and proteins; stability prediction, design, and preservation of labile organic molecules in glasses; kinetics and thermodynamics of protein degradation; prediction of chemical and chemical stability of proteins.

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

T.W. FRASER RUSSELL, Ph.D. (Delaware), Allan P. Colburn Professor: Semiconductor reaction and reactor engineering, photovoltaic unit operations, multi-phase fluid mechanics.

STANLEY J. 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.

ANNETTE D. SCHURE, Ph.D. (M.I.T.), Associate Professor: Polymer and composite rheology and processing, polymer degradation.

DIONISIOS G. VLACHOS, Ph.D. (Minnesota), Associate Professor: Reacting flows, catalytic combustion, partial oxidation, surface chemistry, thin films, nonphase materials, membranes, nucleation, growth, multiscale modeling, bifurcation theory.

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

BRIAN G. WILLIS, Ph.D. (MIT) Assistant Professor: Experimental and computational chemistry investigations of chemical processes related to electronic materials, including silicon and compound semiconductors.

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

Joint and Adjunct Appointments

Adjunct Faculty: ROBERT BUTERA, WILLIAM E. FARNETH, ROBERT K. GRASELLI, STEVEN R. LUSTIG, WILLIAM H. MANOGUE, BABATUNDE A. OGUNNAIKE, JOHN R. RICHARDS, MARK R. SCHURLE, JAMES S. SCHWARZ, RAVI SHARMA, KURT F. WISSBRUN.

Off-Campus Faculty: ARTHUR W. ETCHELLS, JAMES J. GRANT, RICHARD K. GRENVILLE, ALLAN E. JONES, RICHARD K. LA ROUCHE, KENNETH L. MULHOLLAND, DAVID SHORT, JAMES N. TILTON, ALAN E. UEBLER.

Civil and Environmental Engineering

MICHAEL J. CHAJES, P.E., Ph.D. (California, Davis), Professor and Chair: Structural design and analysis, infrastructure evaluation and rehabilitation.

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

BAILDRYU BHATTACHARYA, Ph.D. (Johns Hopkins), Assistant Professor: Probability mechanics, probability-based modeling and design, structural deterioration and reliability.

DANIEL KUHYON CHA, Ph.D. (California, Berkeley), Associate Professor, also Coordinator, Environmental Engineering: Process control of biological wastewater treatment facilities, biotransformation of organic and inorganic toxic pollutants, bioenvironmental engineering.

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

STEVEN K. DENTEL, P.E., Ph.D. (Cornell), Professor: Application of colloid and interface science to water and wastewater treatment processes.

ARDESHIR FAGHRI, Ph.D. (Virginia), Professor, also Director, Center for Transportation Studies: Traffic analysis, highway design.

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

CHIN P. HUANG, P.E., Ph.D. (Harvard), Distinguished Professor, also Professor, Marine Studies: Industrial waste management, interfacial phenomena, aquatic chemistry and soil remediation.

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

VICTOR N. KALIakin, 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; also Director, Center for Applied Coastal Research: Coastal engineering, coastal structures, sediment transport mechanics.

DOV LEUCHINSKY, P.E., Ph.D. (Illinois), Professor, also Coordinator, Graduate Studies: Soil mechanics, geotechnical engineering.

DENNIS R. Mertz, Ph.D. (Lehigh), Associate Professor, also Director, Center for Innovative Bridge Engineering: Structural design, fatigue and fracture, design methodologies.

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

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

JERRY YAMAMURO, Ph.D. (California, Los Angeles), Assistant Professor: Experimental and theoretical mechanics, constitutive modeling, soil instability and liquefaction, nondestructive testing of fiber reinforced concrete, behavior and modeling of polymer extrusion process.
Electrical and Computer Engineering

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

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

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

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.

JAVIER GARCIA-FRISAS, Ph.D. (California, Los Angeles), Assistant Professor. Wireless communications, joint source coding, interactive encoding, codes on graphs.

STEPHAN BOHACZEK, Ph.D. (Southern California), Assistant Professor. Congestion control, routing, internet security and pricing, ad hoc networks, control theory, biomedical modeling.

KEITH W. GOOSSEN, Ph.D. (Princeton), Associate Professor. Optoelectronics, microwave propagation in electronic packaging, optical fiber communication technology for advanced sensors.

MICHAEL H. HANEY, Ph.D. (California Institute of Technology), Professor. Application of photonic technologies to new computing, switching, and signal processing systems.

ROBERT G. HUNSPERGER, 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.

FOUAD KIAMILEV, Ph.D. (California at San Diego), Assistant Professor. Design and test of high-performance digital and analog CMOS and BiCMOS VLSI circuits, optoelectronic integrated circuits, optoelectronic VLSI.

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.

JOHNSON O. OLOWOLAFA, Ph.D. (California Institute of Technology), Associate Professor. Physics and technology of semiconductors devices/materials including processing, characterization analyses and integration, metallization for ULSI.

BALAJI PANCHAPAKESAN, Ph.D. (Maryland), Assistant Professor. Micro- and nano-electromechanical systems (MEMS), nanoscale material synthesis, nanowire chemical sensors, high temperature MEMS, and molecular electronic devices.

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

KEVIN B. THEOBALD, Ph.D. (McGill), Assistant Professor. Computer architecture, parallel systems, VLSI, parallel applications.

DANIEL S. WILE, Ph.D. (Illinois), Assistant Professor. Computational electromagnetics (especially time-domain integral equation based methods), periodic structures, and evolutionary optimization.

XIANG-GEN XIA, Ph.D. (Southern California), Associate Professor. Wireless communications, error control coding and trellis coded modulations, multirate filterbanks and wavelet transforms, time-frequency analysis and synthesis.
AZAR PARVIZI-MAJIDI, Ph.D. (Surrey), Associate Professor. Fracture and failure of composites, ceramic matrix composites, experimental methods, corrosion.

JAY K. PRASAD, Ph.D. (Stanford), Associate Professor. Particle imaging techniques for fluid mechanics and heat transfer, vortex dynamics, entrainment 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.

KAUSIK SARKAR, Ph.D. (Johns Hopkins), Assistant Professor. Computational fluid mechanics and heat transfer, multiphase flow, bubble/drop dynamics, numerical methods, non-Newtonian fluid mechanics, applied mathematics.

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

IAN-QIAO SUN, Ph.D. (California, Berkeley), Associate Professor. Nonlinear dynamics, nonlinear control, smart materials, vibration and noise control, manufacturing process control.

ANDRAS Z. SZERI, Ph.D. (Leeds), Robert L Spencer Professor. Applied mechanics, fluid mechanics, tribology.


HAI WANG, Ph.D. (Pittsburgh), Associate Professor. Combustion, combustion-generated pollutants, high-temperature chemical kinetics.

LIAN-PING WANG, Ph.D. (Washington State), Associate Professor. Computational fluid dynamics, turbulence, multiphase flow, particulate processing.

DICK J. WILKINS, Ph.D. (Oklahoma), Professor, also Associate Dean, College of Engineering. Learning, design integration, composites durability and damage tolerance.

Joint and Adjunct Appointments

Bioresources Engineering: JAMES L. GLANCEY.
Marine Studies: PABLO HUQ.

Adjunct Faculty: RICHARD A. CAIRNCROSS, SHIYI CHEN, T. DENNIS CLAIR, STEPHEN C. DANFORTH, RICHARD ELEY, EDWARD P. GARGULIO, GEORGE GAZONAS, ROGER V. GONZALEZ, WOJIECHI GRABOWSKI, SAID IAHANIMIR, FABIEN MAUSS, FREEMAN MILLER, RAY YIN.

COLLEGE OF HEALTH AND NURSING SCIENCES

Office of the Dean

BETTY J. PAULANKA, Ed.D. (Temple), Dean and Professor.

PAMELA B. BEEMAN, Ph.D. (Pittsburgh), Associate Dean and Associate Professor.

SUZANNE B. CLARK, M.E. (Delaware), Assistant Dean for Student Services. J. ROBIN BUCOS, B.S. (Shippensburg), Administrative Coordinator.

JULIA R. COLLINS, B.S. Ed. (Delaware), Administrative Academic Advisor. AMY L. TAYLOR, M.B.A. (Delaware), Business Manager. BARBARA C. TETER, B.S. (James Madison), Director of Development.

Health and Exercise Sciences

SUSAN J. HALL, Ph.D. (Washington State), Professor and Chair. Biomechanics.

AVRON ABRAHAM, Ph.D. (Connecticut), Associate Professor. Exercise physiology and health fitness.

DAVID A. BARLOW, Ph.D. (Indiana), Associate Professor. Biomechanical aspects of sport science/medicine.

JANICE BIBIK, Ph.D. (Syracuse), Associate Professor. Teaching and curriculum.

JEROME D. BROWN, JR., M.S. (Delaware), Instructor. Health education.

JOAN COUCH, M.S., A.T.C. (U.S. Sport Academy), Assistant Professor. Athletic training.

KAREN F. EDWARDS, Ed.D. (Temple), Associate Professor. Health education.

NANCY GETCHELL, Ph.D. (Wisconsin-Madison), Assistant Professor. Motor development.

STEPHEN C. GOODWIN, Ph.D. (Penn State), Associate Professor. Health education.

KEITH HANDLING, M.S., P.T., A.T.C. (West Chester), Associate Professor. Athletic training.

MICHAEL HIGGINS, M.Ed., A.T.C. (Virginia), Assistant Professor. Athletic training.

DAVID HUDSON, M.P.T (Delaware), Instructor. Biomechanics.

JAMES W. KENT, Ph.D. (Iowa), Associate Professor. Curriculum/pedagogical techniques in physical education.

RON E. LUDINGTON, Director, Ice Skating Science Development Center.

ROBERT E. NEEVES, Ph.D. (Utah), Professor. Exercise physiology.

JOHN J. O'NEILL, M.Ed. (Delaware), Assistant Professor, also Director. Recreation and Intramurals.

ELIZABETH ORSEGA-SMITH, Ph.D. (Penn State), Assistant Professor. Community health.

JOYCE E. PERRY, B.S. (University of Delaware), Assistant Professor. Health education and educational technology.

P. MICHAEL PETERSON, Ed.D. (Kentucky), Associate Professor. Health education.

MICHELLE A. PROVOST-CRAIG, Ph.D. (Maryland), Associate Professor. Exercise physiology, cardiac rehabilitation.

JAMES G. RICHARDS, Ph.D. (Indiana), Professor. Applied biomechanics.

MATTHEW J. ROBINSON, Ed.D. (Temple), Assistant Professor. Sport management.

TODD ROYER, Ph.D. (Arizona State), Assistant Professor. Biomechanics.

JEFF SCHNEIDER, M.S., A.T.C. (Delaware), Instructor. Strength training and conditioning.

JOHN SCHUSTER, M.S. (Eastern Illinois), Instructor. Aquatics.

JANET A. SMITH, Ed.D. (Delaware), Associate Professor. Teacher education, cooperating teachers.

JOHN SMITH, M.S., A.T.C. (West Virginia), Instructor. Athletic training.

ROGER J. SPAECHT, R.Ed. (Indiana), Associate Director. Recreation and Intramurals. Outdoor recreation, adventure, and challenge education, outdoor education, recreation administration.

JOSEPH E. SZCZERBA, Ph.D. (Virginia), Instructor. Athletic Training.

D. ALLAN WATERFIELD, Ph.D. (Ohio State), Professor. Exercise physiology.

Joint Appointments

Intercollegiate Athletics: MELISSA CRUCE, GARRETT GIANI, MIKE KING, LOREN E. KLINE.

Medical Technology

ANNA P. CIULLA, M.C.C. (Hahnemann), Associate Professor and Chair. Clinical chemistry.

MARGARET R. BRABENDER, B.S. (Belmont), Laboratory Coordinator. Phlebotomy, urinalysis, virology, immunology.

KAREN R. BRINKER, B.S. (Delaware), Instructor. Clinical chemistry.

DEBORAH COSTA, B.S. (Delaware), Instructor. 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, computers, statistics, immunology, virology.

VICTORIA L. MADUSKUIE, B.S (Indiana University of Pennsylvania), Laboratory Coordinator. Hematology, immunohematology.

RAELINE 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), Associate Professor. Melanoma, cancer metastasis, immunodiagnostics, microbiology.

MARK L. MITCHELL, M.D. (University of Michigan Medical School), Adjunct Associate Professor and Medical Director. Anatomic and clinical pathology, molecular biology.

**Nursing**

LISA PLOWFIELD, Ph.D. (Virginia), Associate Professor and Chair. Trauma, critical care.

PAMELA BEEMAN, Ph.D. (Pennsylvania), Associate Professor, also Associate Dean, College of Health and Nursing Sciences. Maternal/child health.

MARGARET L. BIRNEY, 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), Instructor. Family nurse practitioner.

CHRISTINE A. CANNON, Ph.D. (Delaware), Associate Professor. Medical-surgical nursing.

SHELIA CUSHING, M.S. (Maryland), Assistant Professor. Medical-surgical nursing.


PATRICIA DRAKE, M.S.N. (Delaware), Instructor. Maternal/child health.

PATRICIA G. GRIM, Assistant to the Chair.

BETHANY HALL-LONG, Ph.D. (George Mason), Associate Professor. Community health.

THOMAS L. HARDIE, Ed.D. (Columbia), Associate Professor. Psychiatric nursing.

EVELYN R. HAYES, Ph.D. (Boston University), Professor. Public health and family nurse practitioner.

JUDY HENDRICKS, M.S. (Delaware), Assistant Professor. Adult health nurse practitioner.

JUDY HERRMAN, M.S. (Delaware), Instructor. Maternal/child health.

PIA INQUISTO, M.S. (Texas), Instructor. Medical-surgical nursing.

AMY JOHNSON, D.N.Sc. (Catholic), Assistant Professor. Nursing of children.

PAULA R. KLEMM, D.N.Sc. (Catholic University of America), Associate Professor. Oncology.

MADELINE LAMBRECHT, Ed.D. (Temple), Professor, also Director, Division of Special Programs: Psychiatric and mental health nursing.

LISA McBEATH-SNYDER, M.S.N. (California), Instructor. Maternal/child health.

CAROL MOORE, M.S. (Pace), Instructor. Family nurse practitioner.

BETTY J. PAULANKA, Ed.D. (Temple), Professor and Dean, College of Health and Nursing Sciences. Psychiatric and mental health nursing.

CYNTHIA PEARSON, M.S.N. (Pennsylvania), Instructor. Psychiatric nursing.

CAROLEE POLEK, Ph.D. (Temple), Assistant Professor. Medical-surgical nursing.

LARRY PURNELL, Ph.D. (Columbia Pacific), Professor. Health services administration, trancultural health care.

JEAN RAYMOND, M.S. (Delaware), Instructor. Gerontology.

CHRISTINE REILLY, Ph.D (California School of Professional Psychology), Associate Professor. Psychiatric nursing.

KATHLEEN A. SCHELL, D.N.Sc. (Widener), Assistant Professor. Cardiopulmonary nursing, critical care.

JANICE A. SELEKMAN, D.N.Sc. (Pennsylvania), Professor. Nursing of children.

BARBARA L. SHEER, D.N.Sc. (Widener), Associate Professor. Family nurse practitioner.

MARYBETH SNYDER, M.S. (Delaware), Instructor. Medical-surgical nursing.

GAIL H. WADE, D.N.Sc. (Widener), Associate 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, D.N.S. (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. (DePaul), 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.

MARIE T. FANELLI-KUCZMORSKI, Ph.D. (Rutgers), Professor. Gerontological nutrition, nutritional assessment methods.

CHENG-SHUN FANG, Ph.D. (Nebraska), Associate Professor. Lipid metabolism, dietary fiber and diseases, nutritional assessment.

CHARLENE HAMILTON, Ph.D., R.D. (Massachusetts), Professor. Computer applications, attitudinal measurements.

ELIZABETH M. LIEUX, Ph.D. (Virginia Tech), Associate Professor. Labor productivity, total quality management, management styles, educational strategies.

CAROLYN K. MANNING, M.A. (Florida), Associate Professor. Food safety education, child nutrition, food service systems, productivity.

ANN RUCINSKI, M.A., R.D. (Immaculata College), Supervisor, Dietetic Internship Program.

KELEBOGILE V. SETILOANE, 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 LAMBRECHT, Ed.D. (Temple), Director, also Professor of Nursing.

KAREN M. AVINO, M.S.N., R.N. (Delaware), Distance Learning Recruiter.

LORI L. HUBNER, M.S.N., R.N. (Delaware), BRN Coordinator, Instructor.

STACY R. WEILE, Ed.M., B.A. (Illinois), CITI II.

**COLLEGE OF HUMAN SERVICES, EDUCATION AND PUBLIC POLICY**

**Office of the Dean**

TIMOTHY K. BARNEKOV, Ph.D. (Syracuse), Acting Dean, also Professor, Urban Affairs and Public Policy.

TIMOTHY MILLER, M.A. (Marshall), Assistant Dean for College Management.

KIMBERLY A. YACKOSKI, M.Ed. (Delaware), Assistant Dean for Student Services.

MARY HELEN CALLAHAN, M.A. (Harvard), Assistant to the Dean for Advancement and Special Programs.

PATSY HOWANIEC, Associate to the Dean.

H. KRISTINE RITZ, M.Ed. (Georgia Southern), Assistant to the Dean.

**Consumer Studies**

KAREN F. STEIN, Ph.D. (Delaware), Associate Professor and Chair. Leadership, public policy, consumer economics.

CAROL R. DENSLEY, 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.
FACULTY AND PROFESSIONAL STAFF

Education

CHRISTOPHER M. CLARK, Ph.D. (Stanford University), Director, School of Education.

LINDA ALLES, B.S. (Trenton State College), Instructor, The College School.

DOUGLAS ARCHBALD, Ph.D. (Wisconsin-Madison), Associate Professor, Educational Leadership.

GROWN ASH, Ph.D. (University of Georgia-Athens), Assistant Professor, Literacy education.

LISA BANICKY, Ph.D. (University of Delaware), Instructor.

GEORGE B. BEAR, Ph.D. (Virginia), Professor, School discipline, sociomoral reasoning and behavior, and self-perceptions among children with disabilities.

DAVID BLACKER, Ph.D. (Illinois), Assistant Professor, Philosophy.

IAN H. BLITS, Ph.D. (New School for Social Research), Professor, Political Science and International Relations: Philosophy and politics of education.

NANCY BRICKHOUSE, Ph.D. (Purdue), Professor, Science education.

PAMELA BROWN, Ph.D. (University of Illinois at Urbana-Champaign), Instructor.

ALBERT R. CAVALIER, Ph.D. (Alabama), Associate Professor, Behavior management, school discipline, assistive technology, educational technology, and distance education.

GRACE CHERNIN, M.S. (University of Pennsylvania), Instructor, The College School.

BARBARA CURRY, Ed.D. (Harvard), Associate Professor, Educational leadership.

ZOUBEIDA DAGHER, Ph.D. (University of Iowa), Associate Professor, Science education.

LAURA DOUGHERTY, B.S. (Radford University), Instructor, The College School.

BARBARA DUCH, MS (University of Delaware), Assistant Professor.

LAURA EIENMAN, Ph.D. (Vanderbilt), Assistant Professor, Secondary special education and transition from school to adult life for young adults with disabilities.

SHERRON FAIR, B.A. (University of Rhode Island), Instructor, Clinical instruction.

RALPH P. FERRETTI, Ph.D. (Alabama), Professor, also Professor, Department of Psychology, College of Arts and Science: Cognitive psychology, cognitive development and disabilities, problem solving, instruction, and special educational technology.

DANIELLE FORD, Ph.D. (University of Michigan), Assistant Professor, Science education.

SUSAN GIANCOLA, Ph.D. (Pennsylvania), Assistant Professor, Policy research, evaluation, and measurement.

BRAD GLASS, Ph.D. (University of Iowa), Assistant Professor, Math education.

JOSEPH J. GLUTTING, Ph.D. (Pennsylvania), Professor, School psychology, psychoeducational assessment, and educational measurement.

JOANNE M. GOLDEN, Ph.D. (Ohio State), Professor, Language arts and coordinator, Ph.D. program in Curriculum and Instruction.

ROBERTA M. GOLINKOFF, Ph.D. (Cornell), Professor, also Professor, Psychology, also Professor, Linguistics: Language acquisition, communication development, cognitive development, and psychology of reading.

LINDA GOTTGREDSON, 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.

VICKI GOETTEL, M.I. (University of Delaware), Instructor, Student teaching.

ROBERT HAMPEL, Ph.D. (Cornell), Professor, History of education and contemporary educational policy.

GABRIELLA HERMON, Ph.D. (Illinois), Associate Professor, also Assistant Professor, Linguistics: First and second language acquisition and the principles and parameters framework, syntactic theory, language processing, and text analysis of problems of reading.

JAMES HEBERT, Ph.D. (Wisconsin), Robert J. Barkley Professor, Mathematics education.

FRED HOFSTETTER, Ph.D. (Ohio State), Professor, Instructional Technology.

KATHLEEN HOLLOWELL, Ph.D. (Boston University), Assistant Professor, also, Director, Math and Science Education Resource Center.

NORA HYLAND, Ph.D. (University of Illinois at Urbana - Champaign), Assistant Professor, Social studies.

NANCY C. JORDAN, Ph.D. (Harvard), Associate Professor, Reading, language and learning disabilities.

ANN JORNIN, M.I. (University of Delaware), Instructor, Student teaching.

DAVID W. KAPLAN, Ph.D. (California, Los Angeles), Professor, Educational statistics, factor analysis, and structural equation modeling.

DEBORAH KNIGHT, Ph.D. (University of Georgia), Assistant Professor, Special education.

MICHELE LEWIS, B.S. (University of Delaware), Instructor, The College School.

DEIRDRE LILLY, M.Ed. (Wilmington College), Instructor, Student teaching.

CHERI LIPPSTONE, BA (Cedar Crest College), Instructor, Clinical Instruction.

DENNIS LOFTUS, Ed.D. (Temple University), Instructor.

CHARLES MACARTHUR, Ph.D. (American University), Associate Professor, Special education, reading and writing skills for LD students, vocational assessment of children.

ION MANON, M.Ed. (Lehigh University), Instructor.

EUGENE MATUSOV, Ph.D. (California at Santa Cruz), Assistant Professor, Instruction and Cognition.

CHRIS MAYO, Ph.D. (University of Illinois, Urbana-Champaign), Assistant Professor, Multicultural education.

SHUAIB MEACHAM, Ph.D. (University of Illinois - Urbana), Assistant Professor, Literacy education.

KATHLEEN MINKE, Ph.D. (Indiana) Associate Professor, Birth-to-three intervention for children with disabilities and at-risk children.

WILLIAM B MOODY, Ed.D. (Maryland), Professor, also Professor, Department of Mathematical Sciences, College of Arts and Science: Mathematics education.

ANNE MORRIS, Ph.D. (Ohio State University), Associate Professor, Mathematics education.

FRANK B. MURRAY, Ph.D. (Johns Hopkins), H. Rodney Sharp Professor of Educational Psychology, also Professor, Department of Psychology, College of Arts and Science: Cognitive development, developmental theory, reading and mathematics.
RATNA NANDAKUMAR, Ph.D. (Illinois), Professor: Educational statistics and measurements.

AUDREY NOBLE, Ph.D. (Arizona State University), Assistant Professor; also, Director, Research and Development Resource Center.

LAURIE PALMER, M.I. (University of Delaware), Instructor: Coordinator – Milford Professional Development School.

JUDITH PATTON, M.I. (University of Delaware), Instructor: Student teaching.

ELIZABETH PEMBERTON, Ph.D. (Pennsylvania State), Assistant Professor; Psychology: also Advisor; Undergraduate Advisement Office.

HEATHER PLEASANTS, Ph.D. (Michigan State), Assistant Professor: Educational psychology.

KRISTIN RAGAN, M.Ed. (Wilmington College), Instructor: Student teaching.

JAMES RATHS, Ph.D. (New York University), Professor: Teacher education, evaluation of educational programs.

GAIL RYS, Ph.D. (Delaware), Assistant Director and Assistant Professor: Moral reasoning, gender and development issues.

JEANEL STARLING, Ed.D. (University of Delaware), Instructor: also, Director, Milford Professional Development School.

JOHN ST. JULIEN, M.A. (Louisiana State), Assistant Professor: Social studies and curriculum theory.

ROBERT J. TAGGART, Ph.D. (Michigan), Associate Professor: History of education.

KATHY THOMAS, Ed.D. (University of Delaware), Instructor: also, Coordinator of Masters in Educational Leadership.

PRIMO TOCCAFONDI, Ed.D. (Nova University), Instructor: also, Director, Southern Delaware Program.

RICHARD L. VENEZKY, Ph.D. (Stanford), Unidel Professor, Education: also Professor, Computer and Information Sciences: Reading processes, assessment, history of literacy, and computers in education.

HARLEEN VICKERS, Ph.D. (Delaware), Assistant Professor: Family-school issues and intervention.

CAROL VUKELICH, Ph.D. (Southern Illinois), Director, Delaware Center for Teacher Education: also Professor, Individual and Family Studies: Early childhood education.

RONALD J. VUKELICH, Ph.D. (Southern Illinois), Associate Professor: Special education, testing procedures for exceptional children, and assessment of learning in museum settings.

JAMES A. WHITSON, Ph.D. (University of Rochester), Associate Professor: Social studies.

ELIZABETH WIER, Ph.D. (University of Delaware), Assistant Professor: Science education.

STEPHANIE WOLBERT, M.I. (University of Delaware), Instructor: Student teaching.

CAROL WONG, Ph.D. (University of Michigan), Assistant Professor: Education and psychology.

MARY McCLOSKEY, M.A. (Kansas), Instructor.

BARBARA MORRIS, M.A. (Addis Ababa), Instructor.

DAVID QUAYLE, B.S. (Delaware), Orientation Coordinator.

LOWELL RIETHMULLER, M.A. (Delaware), Instructor.

JAMES SLATER, M.A. (American in Cairo), Instructor.

KATHLEEN VODVARKA, M.A. (Hunter), Instructor.

GRANT WOLF, M.A. (Michigan State), Instructor.

CHRISTOPHER WOLFE, J.D. (Widener Law), Legal Studies Coordinator.

MARY BETH WORRILOW, M.A. (Delaware), Instructor.

Hotel, Restaurant, and Institutional Management

FREDERICK J. DEMICTO, Ph.D. (Virginia Tech), Professor and Asstmark Chair: International hospitality management, gerontology.

CIHAN COBANOGLU, Ph.D. (Oklahoma State), CHTP, Assistant Professor of Hospitality Information Technology.

RONALD P. COLE, M.S. (Rochester Institute of Technology), Associate Policy Scientist and Assistant Professor: Food and beverage management, distance learning.

GEORGE R. CONRADE, M.B.A. (Michigan State), Assistant Professor: Hospitality information technology and e-commerce, managerial accounting, and marketing.

PAMELA R. CUMMINGS, Ph.D. (Oklahoma State), Associate Professor: Hotel management, leadership.

JOSEPH DIGREGORIO, C.E. (Calinary Inst.), Executive Chef and Lecturer: Quantity foods and commercial foods.

DEBORAH ELLINGSWORTH, B.A. (Delaware), Executive Sous Chef, Pastry Chef and Chef Instructor: Food principles.

FRANCIS A. KWAISHA, Ph.D. (Virginia Tech), Associate Professor: Financial management, managerial accounting.

JAMES A. LYNCH, M.B.A. (Delaware), General Manager and Lecturer: Quantity foods.

ROBERT R. NELSON, Ph.D. (Delaware), 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, AIA, B Arch. (Drexel), Associate Professor: Hotel and restaurant architecture, historic preservation.

PAUL E. WISE, M.B.A. (Michigan State), Professor and Chair Emeritus: Curriculum development in food and beverage management.

PATRICIA WOODWARD, B.A. (Mercyhurst College), Instructor and Dining Room Manager.

Individual and Family Studies

MICHAEL FERRARI, Ph.D. (Rutgers), Associate Professor and Chair; also Associate Professor, Psychology: Families and neurodevelopmental disorders, brain injury, dementia research and rehabilitation.

APARNA BAGDI, Ph.D. (Syracuse), Assistant Professor: Cultural diversity and early childhood.

JOHN B. BISHOP, Ph.D. (Ohio), Associate Professor, also Associate Vice-President for Counseling and Student Development: College counseling, student affairs practice in higher education, management of university counseling centers.

MARTHA J. BUFEV, Ph.D. (North Carolina), Associate Professor: Early childhood classroom quality, early childhood teacher professional development; and emergent literacy.

CLAYTONA J. DeCAPUA, M.Ed. (Penn State), Assistant Professor: Early childhood curriculum, early childhood teacher professional development.

PENNY L. DEINE, Ph.D. (Penn State), Professor: Family resilience and violence, children with special needs and their families, overt and relational violence.

NANCY J. EDWARDS, M.Ed. (Temple), Instructor, Clinical Faculty: Math and science education.
FACULTY AND PROFESSIONAL STAFF

ALICE P. EYMAN, M.A (Columbia), Assistant Professor, also Director, University of Delaware Laboratory Preschool, and Coordinator, Student Teaching Professional development, laboratory schools

RUTH F. FLEURY, Ph.D. (Michigan State), Assistant Professor Community response to violence against women

NORMA GAINES-HANKS, Ed.D (Delaware), Assistant Professor, Clinical Faculty. Working with diverse populations, parental satisfaction with schools, mentorship, cultural diversity

MICHAEL GEMAL-McCORMICK, Ph.D (Virginia Commonwealth), Associate Professor Early childhood development and education, intervention with special needs populations, program evaluation, qualitative analyses.

JUDITH A. GREENE, Ed.D (Temple), Assistant Professor, Clinical Faculty: Counseling culturally diverse families, inclusion and conflict management.

TAMARA K. HAREVEN, Ph.D. (Ohio State), Unidel Professor of Family Studies, also Professor, History. Comparative family studies, family history, aging and the life course.

DENE K. KLINZING, Ph.D. (Penn State), Professor: Hospitalized children, child development, parenting and medical communication

MARY LOU LIPRIE, Ph.D (Ohio State), Associate Professor: Adolescent development, research methodology, family and consumer sciences education, adolescent decision-making, nutrition education.

ROBIN J. PALKOVITZ, Ph.D. (Rutgers), Professor: Father-child relations across the life span, parental development, life-span development.

DONALD L. PETERS, Ph.D (Stanford), Amy Raymer Professor, also Professor, Urban Affairs and Public Policy: Early childhood development and services, staff development, service program planning and evaluation.

BARBARA H. SETTLES, Ph.D (Ohio State), Professor: Cost and quality issues in family care, family theory, family life education, family futures.

DANIEL D. SHADE, Ph.D (North Carolina, Greensboro), Associate Professor: Children and technology, computers in early childhood education, technology and families, research methodology, human development through speculative fiction and media, child development.

STUART J. SHARKEY, M.Ed. (St. Lawrence), Assistant Professor: Higher education, legal, administration and management issues.

BANIRU SHERIF, Ph.D (University of Pennsylvania), Associate Professor: Culturally diverse families, gender issues, intergenerational relationships.

DONALD G. UNGER, Ph.D. (South Carolina), Professor: Social support and family coping, child and family intervention, teenage pregnancy, prevention and empowerment with families.

JOHN J. VACC, Ph.D (Penn State), Assistant Professor: Infant development; young children with special needs; autism, neurodevelopmental disabilities; school psychology.

JULIE MAPES WILGEN, Ph.D (Texas Tech), Assistant Professor: Human sexuality, lifespan development, family relationships, learning in community contexts.

Joint, Secondary and Adjunct Appointments

Center for Counseling and Student Development: CHARLES L. BEALE, TIMOTHY F. BROOKS, MERRIS A. HOLLINGSWORTH, JONATHAN D. LEWIS, SHARON L. MITCHELL, MARILYN S. PRIME, RICHARD S. SHARP, VIVIAN A. YAMADA

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 (MIT), 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, D.P.A. (Southern California), Associate Professor: Administrative behavior, performance measurement, policy analysis, strategic management.

DEBORAH A. AUGER, Ph.D (MIT), 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 Acting Dean, College of Human Services, Education and Public Policy: Community development, urban neighborhoods, business and urban policy, local 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.

LESLEY COOKSY, Ph.D (Cornell), Associate 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 and management, applied research and public policy analysis, qualitative methods, social and economic opportunity.

KATHRYN G. DENHARDT, Ph.D (Kansas), Associate Professor: Collaborative decision making and conflict resolution, human resources management, ethics in public service.

BERNARD L. DWORSKY, M.A (Delaware), Assistant Professor and Project Director, Water Resources Agency, Institute for Public Administration: Water resources management, planning.

JAMES F. FLYNN, Ed.D (Delaware), Assistant Professor, also Internship Coordinator: Personnel administration, quality improvement initiatives, educational governance, legislative management, professional development, human resources management.

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 Director, M.P.A Program and Assistant Director, Institute for Public Administration: Public economics, health policy, employee compensation and benefits, tourism development and research, analytical methods.

PAMELA LELAND, Ph.D (Delaware), Assistant Professor and Interim Director, Center for Community Development and Family Policy: Management and governance of nonprofit organizations, tax exempt status of charitable nonprofits, outcomes based evaluation, non-profit leadership.

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, public leadership.

G. ARNO LOESSSLER, Ph.D (Pennsylvania), Assistant Professor: Financial management, non-profit management, international comparative public administration.

STEVEN W. PEQUERT, 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 (MIT), Professor and Acting Provost; also Professor, Political Science and International Relations: Public policy and public management.

REBECCA SHEPPARD, M.A (Delaware), Instructor: Historic preservation planning, history of rural landscapes and the built environment, landscape preservation.

PAUL L. SOLANO, Ph.D (Maryland), Associate Professor, also Associate Professor, Political Science and International Relations: Financial administration and public finance, political economy, health economics.

RICHARD T. SYLVE, Ph.D, Professor, also Director, Environmental and Energy Policy Program and Professor, Department of Political Science: Public administration, energy and environmental policy, public policy analysis, disaster policy.
DOUGLAS F. TUTTLE, M.P.A. (Delaware), Instructor. State and local government personnel development, strategic planning, emergency service planning and public service quality assessment.

YOUNG-DOO WANG, Ph.D. (Delaware), Associate Professor. Energy and water conservation policy, economic analysis of alternative energy options, econometric applications.

LELAND WARE, J.D. (Boston College), Louis J. Redding Chair for the Study of Law and Public Policy; Employment discrimination law, civil rights law, civil procedure; also Professor, Legal Studies.

ROBERT WARREN, Ph.D. (UCLA), Professor, also Professor, Political Science and International Relations. Urban and regional government, telecommunications policy, urban planning and development, cultural theory.

MARGARET S. WILDER, Ph.D. (Michigan), Professor, also Director, Urban Affairs and Public Policy Program. 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), Associate Professor. Criminal justice policy, media and public policy, international comparative governance.

Joint and Adjunct Appointments

Art History: BERNARD L. HERMAN
Black American Studies: JAMES E. NEWTON
Consumer Studies: ABDUllY L. HELFMAN
Economics: WILLIAM R. LATHAM, III
Food and Resource Economics: THOMAS W. IVENTO, PATRICIA T. NELSON
Geography: YDA SCHREUIDER, APRIL R. VENESS
Health and Nursing Sciences: BETHANY HALL-LONG
Hotel, Restaurant and Institutional Management: PAUL SESTAK
Individual and Family Studies: TAMARA HAREVEN, DONALD L. PETERS, DONALD UNGER
Marine Studies: BILIANA CICIN-SAIN, WILLETT KEMPSON
Museums Studies: CHANDRA REEDY
Philosophy: PAUL T. DURBIN
Political Science and International Relations: MARK W. HUDDESTON, JANET B. JOHNSON, MARIAN PALLEY, HENRY T. REYNOLDS, RICHARD T. SYLVEs
Adjunct Faculty: JOHN ELSE, LINDA WOLF, BEVERLY YANICH.

COLLEGE OF MARINE STUDIES

CAROLYN A. THOROUGHGOOD, Ph.D. (Maryland), Associate Professor and Dean, also Director, Delaware Sea Grant College Program.

NANCY M. TARGETT, Ph.D. (Maine), Professor and Associate Dean. Chemical/biological interactions in the marine environment; chemical ecology; antifouling mechanisms in marine organisms.

L. 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), 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.

KATHARINA BILLUPS, Ph.D. (California, Santa Cruz), Assistant Professor. Paleoclimatology, geochemistry, paleoecology.

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.

DAVID S. CHAPMAN, Ph.D. (Drexel), Associate Research Scientist. Marine transportation, environment, safety and ports.

THOMAS M. CHURCH, Ph.D. (California, San Diego), Professor, also Professor, Chemistry and Biochemistry. Atmospheric deposition, estuarine geochemistry and marine chemistry of trace elements.

BILIANA CICIN-SAIN, Ph.D. (California, Los Angeles), Professor and Director, 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.

JAMES J. CORBETT, Ph.D. (Carnegie Mellon), Assistant Professor. Marine transportation, energy and environment, intermodal freight transport, global climate change, air emissions, pollution.

MATTHEW T. COTTRELL, Ph.D. (University of Texas at Austin), Associate Scientist. Microbial ecology.

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; recruitment dynamics.

RICHARD T. FIELD, Ph.D. (Delaware), Associate Research Scientist. Applications of remote sensing to land surface climate studies, microclimatolgy of land surfaces.

JEREMY FIRESTONE, Ph.D. (North Carolina), J.D. (Michigan), Assistant Professor. Ocean and Coastal Law and Management, conflict resolution, governance, federal/state relations, marine pollution.

PATRICK M. GAFFNEY, Ph.D. (SUNY, Stony Brook), Professor. Genetics of marine organisms; aquatic ecological genomics.

JOHN L. GALLAGHER, Ph.D. (Delaware), Professor. Marine plant ecology, physiology, genetics, tissue culture, and economic development.

RICHARD W. GARVINE, Ph.D. (Princeton), M.P and M.H. Harrington Professor of Marine Studies, also Professor, Civil and Environmental Engineering. Physical oceanography of the coastal ocean and estuaries: observations and models.

J. PABLO HUQ, Ph.D. (Cambridge), Associate Professor, also Associate Professor, Mechanical Engineering. Turbulence in the environment; stratified flow phenomena; experimental fluid mechanics, physical oceanography.

NAJID HUSSAIN, Ph.D. (Physical Laboratory, Ahmedabad, India), Scientist. Radionuclides in the oceans and environment, carbon cycle, geothermal and hydrothermal circulation, groundwater flow, geochronology.

DAVID A. HUTCHINS, Ph.D. (California, Santa Cruz), Associate Professor. Effects of nutrient cycling on marine primary productivity, dynamics of pollutants within marine food web.

WILLETT M. KEMPSON, Ph.D. (Texas, Austin), Associate Professor, also Associate Professor, Urban Affairs and Public Policy. Human dimensions of marine and environmental policy.


A.D. KIRWAN, Ph.D. (Texas A&M), Professor, also Mary A. Lightfoot Chair, also Director, Physical Ocean Science and Engineering. Dynamic processes responsible for transport of matter and energy in natural environments; rapid environmental assessment.

VICTOR V. KLEMAS, Ph. D. (Braunschweig), Professor, also Director, Center for Remote Sensing; also Professor, Electrical and Computer Engineering. Remote sensing of marine and coastal resources; environmental monitoring; optical physics.

BRUCE L. LIPPHARDT, JR., Ph.D. (Old Dominion), Associate Research Scientist. Dynamics of mesoscale and submesoscale processes in the coastal ocean.

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Adjunct Faculty: JOHN R. APEL, RICHARD B. COFFIN, MICHAEL D. COLLINS, JAMES CREASE, ROBERT G. DEAN, MARILYN L. FOGEL, PAUL A. GRECAY, THOMAS E. HELSER, NORDEN E. HUANG, DAVID E. KRANTZ, KAMLESH LULLA, EVELYN M. MAURMEYER, WILLIAM H. MEREDITH, DONALD B. NIZZIO, JAMES C. PIERCE, PAMELA T. PLOTKIN, ANDREW C. POJE, KENT S. PRICE, ANTHONY P. PRATT, MANMOHAN SARIN, ALAIN J. VERON.

FACULTY EMERITI

EDWARD P. ALEXANDER, Ph.D. (Columbia), Professor Emeritus of Museum Studies.

MARGARET P. ALLEN, M.F.A. (Washington), Associate Professor Emerita of Art.

VAL E. ARNDSORF, Ph.D. (Minnesota), Professor Emeritus of Education.

MAURICE V. BARNHILL, Ph.D. (Stanford), Professor Emeritus of Physics and Astronomy.

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.

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.

YAROSLAV BILINSKY, Ph.D. (Princeton), Professor Emeritus of Political Science and International Relations.

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.

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. Messick Professor Emeritus of Political Science and International Relations.

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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.

ARNOLD M. CLARK, Ph.D. (Pennsylvania), Professor Emeritus of Biological Sciences.

ELIZABETH D. CLOUD, M.S. (Pennsylvania), Associate Professor Emerita of Nursing.
FACULTY AND PROFESSIONAL STAFF

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.

RONALD E. MARTIN, Ph.D (Boston), Professor Emeritus of English.

VICTOR MARTUZA, Ph.D. (Maryland), Associate Professor Emeritus of Education.

JOHN R. MATHER, Ph.D. (Johns Hopkins), Professor Emeritus of Geography.

WALLACE H. MAW, Ed D. (Cincinnati), Professor Emeritus of Individual and Family Studies.

PETER J. McCARTHY, Ph.D. (Catholic University of America), Professor Emeritus of Music.

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.

ALLEN L. MOREHART, Ph.D. (Delaware), Professor Emeritus of Plant and Soil Sciences.

LUDWIG MOSBERG, Ph.D. (California, Los Angeles), Professor Emeritus of Astronomy.

DOROTHY MOSER, M.Ed (Columbia), Associate Professor Emerita of Nursing.

JOE MOSS, M.A. (West Virginia), Professor Emeritus of Art.

JOHN A. MUNROE, Ph.D. (Pennsylvania), H. Rodney Sharp Professor Emeritus of History.

LILA B. 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. NICOLLS, Ph.D. (Iowa State), Professor Emeritus of Civil and Environmental Engineering.

EDWARD A. NICKERSON, Ph.D. (SUNY, Albany), Professor Emeritus of English.


HERSHEL PARKER, Ph.D. (Northwestern), H. Fletcher Brown Professor Emeritus of English.

EDWARD J. PELLICCIARO, Ph.D. (North Carolina), Professor Emeritus of Mathematical Sciences.

JOHN PIKULSKI, Ph.D. (Temple), Professor Emeritus of Education.

KENT S. PRICE, Ph.D. (Delaware), Associate Professor Emeritus of Marine Studies.

DONALD PUGLISI, D.B.A. (Indiana), MBNA America Professor Emeritus of Business.

LUCILLE W. PULLIAM, D.S.N. (Alabama), Professor Emerita of Nursing.

WILLIAM PULLIAM, Ph.D. (Illinois), Professor Emeritus of History.

NATHANIEL H. PUFFER, M.A. (Denver), Assistant Director of Libraries Emeritus.

E. L. QUARANTELLI, Ph.D. (Chicago), Professor Emeritus of Sociology and Criminal Justice.

ARLETTE I. RASMUSSEN, Ph.D. (Wisconsin), Associate Professor Emerita of Nutrition and Dietetics.

DAVID M. ROBINSON, Ph.D. (Delaware), Professor Emeritus of Electrical and Computer Engineering.

BILLY E. ROSS, Ed.D. (Tennessee), Professor Emeritus of Education.

ROBERT A. ROTHMAN, Ph.D (Purdue), Professor Emeritus of Sociology.

CHARLES A. ROWE, M.F.A. (Tyler School of Art), Professor Emeritus of Art.

JOANNE RYAN, Ph.D. (Pennsylvania), Associate Professor Emerita of Nursing.

C. ROY RYLANDER, Ph.D. (New York University), Professor Emeritus of Health and Exercise Sciences.

PAUL H. SAMMELWITZ, Ph.D. (Illinois), Professor Emeritus of Animal and Food 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.

JEROLD M. SCHULTZ, Ph.D. (Carnegie-Mellon), Professor Emeritus of Chemical Engineering.

EDWARD E. SCHWEIZER, Ph.D. (M.I.T.), Professor Emeritus of Chemistry and Biochemistry.

R. DEAN SHIPPY, Ed.D. (Penn State), Associate Professor Emeritus of Food and Resource Economics.

JEROME SIEGEL, Ph.D. (Ohio State), Professor Emeritus of Psychology.

JAMES H. SILLS, Ph.D. (Bryn Mawr), Associate Professor Emeritus of Urban Affairs and Public Policy.

ARTHUR A. SLOANE, D.B.A. (Harvard), Professor Emeritus of Business Administration.

W.D. SNOODGRASS, M.F.A. (Iowa), Distinguished Professor Emeritus of Creative Writing and Contemporary Literature.

JAMES R. SOLES, Ph.D. (Virginia), Professor Emeritus of Political Science and International Relations.

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.

ROBERT M. STARK, Ph.D. (Delaware), Professor Emeritus of Mathematical Sciences and Civil Engineering and Environmental Engineering.

ROGER J. STEINER, Ph.D. (Pennsylvania), Professor Emeritus of Linguistics.

HESTER R. STEWART, Ph.D. (Southern Illinois), Associate Professor Emeritus of Individual and Family Studies.

DAMIE STILLMAN, Ph.D. (Columbia), Professor Emeritus of Art History.

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.

STEPHEN TANEN, M.F.A. (Cranbrook Academy of Art), Professor Emeritus of Art.

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), Elias Ahuja Professor Emeritus of Spanish

BARBARA L. VIERA, M.S. (Springfield), Professor Emeritus of Health and Exercise Sciences

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

ERNEST W. WALPOLE, M.S. (Iowa State), Professor Emeritus of Bioresources Engineering

PETER J. WARTER, Ph.D. (Princeton), Professor Emeritus of Electrical and Computer Engineering

THOMAS WATSON, Ph.D. (Western Reserve), Associate Professor Emeritus of Theatre

DONALD B. WETLAFGER, Ph.D. (Wisconsin), Professor Emeritus of Chemistry and Biochemistry

ANN MATLOCK WEYGANDT, Ph.D. (Pennsylvania), Associate Professor Emeritus of English

WILLIAM H. WILLIAMS, Ph.D. (Delaware), Professor Emeritus, University Parallel-Georgetown.

PAUL WISE, M.B.A. (Michigan State), Asstmarck Chair Emeritus of Hotel, Restaurant, and Institutional Management

IRVING C. WISNEWSKY, D.S. (Michigan), Associate Professor Emeritus of Health and Exercise Sciences

JOHN C. WRISTON, 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. (M.I.T.), Professor Emeritus of Civil and Environmental Engineering, also Professor Emeritus of College of Marine Studies

MAURICE I. 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

MARVIN ZUCKERMAN, Ph.D. (NYU), Professor Emeritus of Psychology

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

TOM CODER, M. Ed. (Delaware), Admissions Liaison

VALENCIE COOLEY, M. Ed. (Lehigh), Assistant Field Hockey Coach

SCOTT EATOUCH, B.B.A. (James Madison), Associate Director, Business Affairs

BONNIE JILL FERGUSON, M.S. (Springfield), Head Softball Coach, also Associate Professor, Health and Exercise Sciences.

JAMES W. FISCHER, M.Ed. (Minnesota), Head Men's Cross Country and Indoor and Outdoor Track Coach, also Assistant Professor, Health and Exercise Sciences.

BARBARA R. FLEMING, Supervisor, Tickets

BRIAN GINN, B.S. (Delaware), Assistant Football Coach

ANTHONY W. GOLDSOM, M.S. (Western Kentucky), Program Specialist, Intramurals

SUSAN L. GROFF, M.S.A. (West Chester), Assistant Director, Athletics

SCOTT GRZENDA, M.Ed. (Lynchburg), Head Women's Soccer Coach

MARSHALL HALL, B.A. (Bucknell), Assistant Football Coach

DAJ HAMMER, B.A.S. (Delaware), Assistant Baseball Coach

KEITH A. HANDLING, M.S. (West Chester), Head Athletic Trainer, also Associate Professor, Health and Exercise Sciences.

JOHN T. HAYMAN, M.S. (Southern Illinois), Head Men's and Women's Swim Coach, also Instructor, Health and Exercise Sciences

DAVID HENDERSON, B.S. (Duke), Head Men's Basketball Coach

MICHAEL J. HIGGINS, M.Ed. (Virginia), Assistant Athletic Trainer, also Associate Professor, Health and Exercise Sciences

MICHAEL W. HIRSCHMAN, B.A. (Rowan), Assistant Sports Information Associate

MICHAEL HOLDRN, M. Ed. (Temple), Manager, Athletic Ticket Office

K. C. KEELEL, M. S. (Rowan), Head Football Coach

THEODORE KEMPSKI, M. Ed. (Delaware), Associate Professor, Health and Exercise Sciences

BONNIE KENNY, B.S. (Tennessee), Head Women's Volleyball Coach

M. KEOGH, M. Ed. (Wilmington College), Head Men's Golf Coach

LOREN E. KLINE, M.Ed. (Temple), Events Assistant, also Associate Professor, Health and Exercise Sciences

CURTIS KROUSE, M.S. (Kent State), Marketing Associate

AMANDA KUKLA, M. Ed (Temple), Head Women's Rowing Coach

JOSEPH L. MACKLEY, III, B.S. (Delaware), Fitness Coordinator and Cheerleading Coach

TINA MARTIN, B.S. (Lock Haven), Head Women's Basketball Coach

WILLIAM MARTIN, B.S. (North Carolina), Assistant Men's Basketball Coach

SUSAN M. McGRATH-POWELL, M. E. (SUNY, Buffalo), Head Women's Cross Country and Indoor and Outdoor Track Coach, also Assistant Professor, Health and Exercise Sciences

BARRY MILLER, Ph.D. (Minnesota), Assistant Director, Recreation Services

CAROL A. MILLER, B.S. (Delaware), Head Field Hockey Coach

JOHN MOSELEY, M.A. (East Carolina), Assistant Men's Basketball Coach

JOSH OPPENHEIMER, B.A. (Northern Arizona), Assistant Men's Basketball Coach

GERALD ORAVITZ, M.S. (Springfield), Operations Associate

TYRONE PERRY, B.S.C. (Delaware), Assistant Women's Basketball Coach

JADA T. PIERCE, B.S. (West Chester), Assistant Women's Basketball Coach

KATHLEEN R. POHLIG, M.S. (West Chester), Associate Director

JEANINE RADICE, M.A. (Fordham), Assistant Women's Basketball Coach

M. RAPPOSOEILL, M.S. (Eastern Kentucky), Assistant Director, Recreation Services

ROBERT SABOL, M.S. (Villanova), Assistant Football Coach

MARC R. SAKENISSKY, M.S. (Delaware), Head Men's Soccer Coach

KRISTEN SANDER, B.S.Ed. (George Mason), Assistant Women's Lacrosse Coach.
JOHN M. SCHUSTER, M.S. (Eastern Illinois), Assistant Swim Coach, also Instructor, Health and Exercise Sciences
SCOTT W. SELHEIMER, B.S. (Millersville), Sports Information Associate
JAMES H. SHERMAN, B.S. (Delaware), Head Baseball Coach
ROBERT SHILLINGLAW, M.Ed. (Boston), Head Men's Lacrosse Coach, also Assistant Professor, Health and Exercise Sciences
JOHN SMITH, M.S. (West Virginia), Assistant Athletic Trainer, also Assistant Professor, Health and Exercise Sciences
LAURA L. TRAVIS, B.S. (Delaware), Head Men's and Women's Tennis Coach
DENISE O. WESCOTT, M.A. (Maryland), Head Women's Lacrosse Coach
PAUL S. WILLIAMS, B.S. (Delaware), Assistant Football Coach

Public Relations
MARY J. HEMPEL, M.A. (Missouri), Director, also, Assistant to the President
JOHN A. BRENNAN III, B.J. (Missouri), Associate Director
BARBARA BROGE, Art Director, Creative Services
JACK BUXBAUM, Image Resource Coordinator, Creative Services
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