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THE UNIVERSITY STAFF

Officers of the University Administration

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

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

ROBIN MORGAN, Ph.D. (Johns Hopkins), Acting Dean for Research, also Professor, Animal and Food Sciences
LESA GRIFFITHS, Ph.D. (Purdue), Associate Dean for Academic Programs, also Associate Professor, Animal and Food Sciences
KAREN ROTH ANIUNAS, M.Ed. (Delaware), Assistant Dean for Student Services.
GREGORY W. RUMSEY, M.B.A. (Delaware), Assistant Dean of Operations.

Agricultural and Technology Education

J RICHARD BACON, M.S. (Tennessee), Agricultural Education Coordinator, also Associate Scientist, Food and Resource Economics.
PATRICIA S. BARBER, Ed.D. (Florida), Associate Dean for Outreach and Extension, also Associate Professor, Food and Resource Economics.

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), Poultry Research Coordinator.
AMY ANDERSON, B.S. (Delaware), Research Associate III.
CYNTHIA M. BOETTGER, B.S. (Delaware), Research Associate II.
JOAN BURNSIDE, Ph.D. (Dartmouth), Professor, also Professor, Biological Sciences: Molecular endocrinology.
SANDRA S. CLOUD, Ph.D. (Delaware), Scientist, Virology.
LARRY A. COGBURN, Ph.D. (Illinois), Professor, Avian physiology.
CATHERINE G. A. DAVIES, Ph.D. (Leeds University), Assistant Professor, Food biochemistry/biotechnology.
JOHN E. DOHMS, Ph.D. (Ohio State), Professor, Immunology and microbiology.
MARLENE G. EMARA, Ph.D. (Ohio State), Assistant Professor: Molecular immunity.
NEGEODE GEDAMU, B.S. (Norfolk State), Research Associate I.

Dean for Academic Programs, College of Agriculture and Natural Resources: Monogastric nutrition.
DALLAS G. HOOVER, Ph. D. (Minnesota), Professor: Food microbiology, biotechnology, fermentations, food safety.
MIR N. ISLAM, Ph.D. (Louisiana State), Professor: Food analysis, food chemistry, preservation of tropical fruits and fish foods, ingredient manipulation for bakery products.
ROLF D. JOERGER, Ph.D. (North Carolina State), Assistant Professor: Microbial genetics and physiology.
LIMIN KUNG, Ph.D. (Michigan State), Professor: Ruminant nutrition and microbiology.
BRIAN S. LADMAN, M.S. (Delaware), Research Associate II.
JAMES A. MAAS, Ph.D. (Guelph), Assistant Professor: Ruminant nutritional physiology.

Food and Resource Economics

JOE M. A. CLARK, M.A. (Florida), Associate Professor: Veterinary microbiology.

Animal and Food Sciences

MARIANO SALEM, V.M.D. (Mexico), Senior Scientist: 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 II.
O. SUE SNIDER, Ph.D. (Missouri), Extension Specialist IV, also Associate Professor, Nutrition and Dietetics: Development of food safety educational materials for the public, analysis of quality attributes of food.

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

ANDRE F. ZIEGLER, D.V.M. (California, Davis), Scientist: Veterinary Diagnostics.

Joint and Adjunct Appointments

Biological Sciences: MELINDA K. DUNCAN
Delaware Biotechnology Institute: DAVID S. WEIR, Ph.D.

Adjunct Faculty: ROBERT M. DYER, MICHAEL HAAS, KEVIN B. HICKS, MICHAELA KRISTULLA, HYUN S. LILLEHOL, JOHN A. PROUDMAN, JAMES E. WOHLT, WILLIAM H. WRIGHT.
Bioresources Engineering

KENNETH M. LOMAX, Ph.D. (Maryland), Associate Professor and Chair: Ventilation systems, biological engineering.
CARMINE C. BALASCI0, Ph.D. (Iowa State), Associate Professor: Storm water management, hydrologic modeling.
ANASTASIA E. M. CHIRNSIDE, M.S. (Delaware), Research Associate III
NORMAN E. COLLINS, Ph.D. (Pennsylvania), Professor: Fluid dynamics, power and machinery.
JAMES L. GLANCEY, 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.

PALANIAPPAPRISHNAN, Ph.D. (Illinois), Associate Professor and Director, Operations Research Program: Chemical spray application, machinery management.
JOHN C. NYE, Ph.D. (Purdue), Director of Cooperative Extension and Professor, Bioresources Engineering.
WILLIAM P. RITTER, Ph.D. (Iowa State), Professor: Soil and water engineering, waste management.
JAMES N. SCARBOROUGH, Ph.D. (Illinois), Associate Professor: Structures.

Entomology and Applied Ecology

JUDITH A. HOUGH-GOLDSTEIN, Ph.D. (Cornell), Professor and Chair: 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: Apiology, insect behavior and general entomology.
CLIFFORD B. O. KEIL, Ph.D. (Virginia Tech), Associate Professor: Insect genetics, genetics of insecticide resistance, insect pathology, mushroom insects.
CHARLES E. MASON, Ph.D. (Kansas State), Professor: Pest management of stalk-boring insects, biological control and chemical ecology of host plant associations.
ROLAND R. ROTH, Ph.D. (Illinois), Professor: Ecology, ornithology, and wildlife conservation.
DOUGLAS W. TALLAMY, Ph.D. (Maryland), Professor: Insect behavioral ecology, the evolution of parental behavior in arthropods, plant-insect interactions.
JOANNE M. WHALEN, M.S. (Delaware), Extension Specialist: Integrated pest management.
THOMAS K. WOOD, Ph.D. (Cornell), Professor: Insect ecology, ethology and speciation of membracids (Homoptera).

Joint and Adjunct Appointments
Animal and Food Sciences: CALVIN KEELER
Adjunct Faculty: WILLIAM H. DAY, LINDSEY FLEXNER, ROGER W. FUESTER, JON CELHAUS, JOHN GINGRICH, CALEX HOLYOKE, KEITH HOPPER, JOHN JACKSON, DANIEL OTTE, PAUL SCHAEFER, MICHAEL SMITH.

Food and Resource Economics
THOMAS W. ILVENTO, Ph.D. (Penn State), Associate Professor and Chair: Rural sociology and community economic development.
J. RICHARD BACON, M.S. (Tennessee), Associate Scientist: Agricultural education, marketing and risk management.
PATRICIA BARBER, Ed.D. (Florida), Associate Professor: Food and resource economics.
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.
PAUL P. EGGERMONT, Ph.D. (SUNY, Buffalo), Associate Professor; also Associate Professor, Computer and Information Sciences and Associate Professor, Mathematical Sciences: Numerical analysis, integral equations and image reconstruction.
CONRADO M. GEMPEESAWII, Ph.D. (Penn State), Professor; Production economics, agricultural finance, and statistics; also Professor: Economics, also Vice Provost for Academic Programs and Planning, also Acting Associate Provost for International Programs and Special Sessions.

CARL L. GERMAN, M.S. (Southern Illinois), Crops Marketing Specialist: Cooperative Extension.
STEVEN E. HASTINGS, Ph.D. (Penn State), Professor: Resource economics and rural development.
RHONDA HYDE, Ph.D. (Clemson), Associate Professor, also Associate Professor, Operations Research Program: Operations research and decision analysis.
VINCENT N. LA RICCIA, Ph.D. (Texas A&M), Associate Professor; also Professor, Mathematical Sciences: Mathematical 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; also, Mathematical Sciences: Probability and statistics.
PATRICIA NELSON, Ed.D. (Columbia), Family and Child Development Specialist; also Associate Professor, Individual and Family Studies: Cooperative Extension.
JOHN PESEK, Ph.D. (Michigan), Associate Scientist: Statistics.
LIDIA REJTO, Ph.D. (E Lorand University), Associate Professor; also Associate Professor, Mathematical Sciences: Probability and statistics.
H. DON TILMON, Ph.D. (Purdue), Farm Management Specialist: Cooperative Extension.
ULRICH C. TOENSMeyer, Ph.D. (Maryland), Professor: Food marketing management and sales, futures and options markets.
LAURIE G. WOLINSKI, B.S. (Delaware), Farm Management Associate.

Longwood Graduate Program in Public Horticulture
JAMES E. SWASEY, Ph.D. (Maryland), Longwood Graduate Program Coordinator, also Professor, Plant and Soil Sciences: Landscape plants, landscape maintenance.
Additional faculty are selected annually to participate in this interdisciplinary program.

Operations Research
PALLANIPPA 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 C. BALASCI0, 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.
FACULTY AND PROFESSIONAL STAFF

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

CONRADO M. GEMPESAW II, Ph.D. (Pennsylvania State), Professor, Food and Resource Economics; also Vice Provost for Academic Programs and Planning: Production economics, agricultural finance.

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

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

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.

AJAY K. MANRAI, Ph.D. (Northwestern), Associate 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 NASHEH, Ph.D. (Michigam), Professor, Mathematical Sciences: Optimization and approximation theory, numerical analysis, ill-posed problems, generalized inverses, control and system theory.

LIDIA REITO, Ph.D. (E. Loran University), Associate Professor, Food and Resource Economics: Probability and statistics.

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

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

CLIFFORD W. 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), Distinguished Professor and Chair, also Professor, Civil and Environmental Engineering and Professor, Chemistry and Biochemistry: Soil and environmental chemistry.

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

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. FRETTER, 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.

JEFFREY D. FUHRMANN, Ph.D. (North Carolina State), Professor: Soil microbiology.

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

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

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

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

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

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

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

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

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

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

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

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

THOMAS P. PIZZOLATO, Ph.D. (Miami University), Professor: Anatomy and morphology.

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

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

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

IANINE SHERIFF, Ph.D (Texas A&M), Assistant Professor: Plant biochemistry and plant microbe interactions.

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

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

RICHARD M. TAYLOR, Ph.D. (Connecticut), Extension agronomy and soil science specialist.

ROBERT UNATOWSKI, 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.

TECKLE LEMIKIAM WELDEKIDAN, M.S. (Delaware), Research Associate III.

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

Joint and Adjunct Appointments

Agricultural Engineering: CARMINE C. BALASCO

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. HUDDLESTON, Ph.D. (Wisconsin), Dean, also Professor Urban Affairs and Public Policy: Public Administration, also Professor, Political Science and International Relations.

SUZANNE AUSTIN ALCHEM, Ph.D. (Duke), Assistant Dean; also Associate Professor, History.

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

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

MARY CLEVELAND, Administrative Coordinator.

L. PAMELA COOK-IOANNIDIS, Ph.D. (Cornell), Associate Dean for Research and Planning; also Professor, Mathematical Sciences.
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. WOLBERG, 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.

Joint Faculty: MARK ANDERSON, MARK BOCKRATH, JANICE CARLSON, HERBERT L. CROSSAN, BETTY FISKE, JOY GARDINER, KATHLEEN KIERA, EBENEZER KOTEI, JOHN KRILL, GREGORY LANDREY, MARGARET LITTLE, JENNIFER MASS, MICHAEL PODMANICKZY, BRUNO POULIOT, LOIS PRICE, ROBERTA TARBEILL.

Art History

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

NINA ATHANASSIOU-LALLMYER, Ph.D. (Princeton), Professor: Eighteenth- and nineteenth-century European art.

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

JOE HAUPTMANN, Ph.D. (Yale), Assistant Professor: Twentieth-century art.

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. HINTLIES, M.A. (Boston), Assistant Slide Librarian.

MICHAEL LEJA, Ph.D. (Harvard), Professor: African-American art especially seventeenth-century Dutch painting.

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

RICHARD RUST, M.A. (Michigan), Assistant Professor, also Associate Professor, Women's Studies: History of architecture, Renaissance art.

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

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

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

IKE M. OKOYE, Ph.D. (M.I.T.), Assistant Professor: African art and architecture.

JOHN J. WEISS, M.A. (Rhode Island School of Design), Professor, also Associate Professor, Women's Studies: History of architecture, Renaissance 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.

Joint and Adjunct Appointments
Art Conservation: HILTON BROWN
Museum Studies: BRYANT F. TOLLES, JR.

Biological Sciences

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

DAVID C. USTER, Ph.D. (Iowa), Associate Professor and Associate Chair: Immunogenetics.

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

DEBORAH E. ALLEN, Ph.D. (Delaware), Associate Professor and Undergraduate Programs Director: Science education.

WILLIAM J. CAIN, Ph.D. (Delaware), Assistant Professor.

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

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

KIRK CZYMMEK, Ph.D. (Michigan State), Laboratory Coordinator.
FACULTY AND PROFESSIONAL STAFF

PATRICIA A. DELEON, Ph.D. (Western Ontario), Professor: Human genetics.
LINDA K. DION, M.S. (Cornell), Instructor: Science education and pedagogy.
MELINDA DUNCAN, Ph.D. (Rutgers), Assistant Professor: Vertebrate eye development.
MARY CYNTHIA FARACH-CARSON, Ph.D. (Virginia Commonwealth), Professor: Calcium channels in bone.
STEVEN J. FIFIELD, Ph.D. (Minnesota), Assistant Professor: Biology education, science studies.
DENI S. GALILEO, Ph.D. (Florida), Assistant Professor: Developmental neurobiology.
DIANE S. HERSON, Ph.D. (Rutgers), Associate Professor: Microbial physiology.
ROBERT C. HODSON, Ph.D. (Cornell), Associate Professor: Plant molecular genetics.
SEUNG MOOK HONG, Ph.D. (Delaware), Laboratory Coordinator.
RonalD H. KARLESON, Ph.D. (Duke), Professor: Population and community ecology.
ROBERT B. KETCHAM, Ph.D. (Delaware), Assistant Professor.
SEYMOUR LEVINE; DAVID PI MORTHMORE, JEROME HOODSON, Ph.D. (Cornell), Assistant Professor.
THOMAS B. BRILL, Ph.D. (Minnesota), Professor. Inorganic chemistry.
JOHN B. BULKOWSKI, Ph.D. (Carnegie-Mellon), Associate Professor: Inorganic chemistry.
MAHENDRA K. JAIN, Ph.D. (Weizmann Institute, Israel), Professor: Inorganic chemistry.
JANETE 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.
NANCY TARGETT, Ph.D. (Johns Hopkins), Professor; also Coordinator. Chemistry.
JOHN L. KHOH, Ph.D. (Chapel Hill), Associate Professor; also Professor, 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.
JOEL P. SCHNEIDER, Ph.D. (Texas A&M), Assistant Professor: Organic chemistry.
BRIAN J. BAHNSON, Ph.D. (Brown), Assistant Professor: Biochemistry.
JOHN McDONALD, Ph.D. (SUNY, Stony Brook), Professor: Inorganic chemistry.
FRANK MURRAY, Ph.D. (Johns Hopkins), Professor: Biochemistry.
MARY J. WIRTH, Ph.D. (Purdue), Professor: Analytical chemistry.
ROBERT H. WOOD, Ph.D. (California, Berkeley), Professor: Physical chemistry.
NEAL J. ZONDLO, Ph.D. (Yale), Assistant Professor: Organic chemistry.

Joint and Adjunct Appointments
Plant and Soil Sciences: DONALD L. SPARKS, Adjunct Faculty: STEPHEN L. BRENNER, JACQUES P. FRAISSARD.

Cognitive Science
WILLIAM FRAWLEY, Ph.D. (Northwestern), Director, also Professor, Linguistics and Professor, English: Semantics, psycholinguistics, lexicography.
BRIAN P. ACKERMAN, Ph.D. (SUNY), Professor, Psychology, and Interim 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.
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 Acting 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.
KATHLEEN MCOY, Ph.D. (Pennsylvania), Associate Professor, Computer and Information Sciences; also Associate Professor, Linguistics; also Director, Center for Applied Science and Engineering in Rehabilitation: Artificial intelligence, natural language processing.
JOHN MCLAUGHLIN, Ph.D. (New York University), Associate Professor, Psychology: Aesthetics, perception, memory.
FRANK MURRAY, Ph.D. (Johns Hopkins), H. Rodney Sharp Professor, Psychology: Children’s cognitive development, educational policy.

DAVID NORTHMORE, Ph.D. (Sussex, England), Professor, Psychology: Neuropsychology of vision and visual development.
JOEL PUST, Ph.D. (Arizona), Assistant Professor, Psychology: Philosophy of mind, epistemology.
EVELYN SATINOFF, Ph.D. (Pennsylvania), Professor, Psychology: Neural integration of sleep, circadian rhythms, thermoregulation.
NANCY SCHWEDA-NICHOLSON, Ph.D. (Georgetown), Professor, Linguistics: Interpretation, bilingualism, French.
SATOSHI TOMIOKA, Ph.D. (Massachusetts), Assistant Professor, Linguistics: Semantics, syntax, East Asian languages.
RICHARD VENEZYKI, Ph.D. (Stanford), Unidel Professor, Education, also Unidel Professor, Computer and Information Sciences and Unidel Professor, Linguistics: Writing systems, natural language processing, literacy.
K VIJAYASHANKER, Ph.D. (Pennsylvania), Associate Professor, Computer and Information Sciences; also Associate Professor, Linguistics: Artificial intelligence, natural language processing.
IRENE VOGEL, Ph.D. (Stanford), Associate Professor, Linguistics: Phonology, morphology.
JOHN WHALEN, Ph.D. (Johns Hopkins), Associate Professor, Psychology: Numerical cognition, neuroscientific approaches to cognition.

Joint and Adjunct Appointments
Applied Science and Engineering Laboratory: H. TIMOTHY BUNNE, BETH A. MINEO

Communication
JOHN A. COURTIGHT, 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.
SCOTT E. CAPLAN, Ph.D. (Purdue), Assistant Professor: Interpersonal communication and quantitative research methodology.
SHEILA C. CRIFASI, M.A. (Boston), Instructor: Public relations.
JULIET L. DEE, Ph.D. (Temple), Associate Professor: Mass communication, mass media law.
BETTY J. HASLETT, Ph.D. (Minnesota), Professor; also Professor, Psychology and Director, Women’s Studies: Conversational analysis, psychology and sociology of language, communication theory, organizational culture.
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.
WENDY SAMTER, Ph.D. (Purdue), Associate Professor: Interpersonal communication and social development.
NANCY SIGNORELLI, 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.

Adjunct Appointment
Student Life: CHARLES L. TARVER.

Comparative Literature
JUDY P. MCINNIS, Ph.D. (North Carolina), Associate Professor and Coordinator; also Associate Professor, Foreign Languages and Literatures.
THEODORE E. 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 (North Carolina, Associate Professor; also Associate Professor, Foreign Languages and Literatures)
JAY L. HALIO, Ph.D. (Yale), Professor; also Professor, English and Theatre
ELLEN I. PIFER, Ph.D. (California, Berkeley), Professor; also Professor, English.
DEBORAH B. STEINBERGER, Ph.D. (New York) Assistant Professor; also Assistant Professor, Foreign Languages and Literatures.
ALFRED R. WEDEL, Ph.D. (Pennsylvania), Professor, also Professor, Linguistics, and Professor, Foreign Languages and Literatures.

Computer and Information Sciences

M. SANDRA CARBERRY, Ph.D. (Delaware), Professor and Chair, also Professor, Linguistics: Artificial intelligence, natural language understanding and generation, intelligent interfaces, user modeling.
GAGAN AGRAWAL, Ph.D (Maryland), Associate Professor. Compiler optimizations, interprocedural analysis, software development tools, compiling for advanced architectures, parallel and distributed systems, programming languages.
RICHARD A. ALBRIGHT, Ph.D. (Delaware), Associate to the Chair.
PAUL D. AMER, Ph.D. (Ohio State), Professor, also Professor, Electrical and Computer Engineering: Computer networks, performance measurement, formal description techniques for protocols (Estelle).
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 processing, theorem proving, knowledge representation.
GEORGE E. COLLINS, Ph.D. (Cornell), Research Professor. Computer algebra.
KEITH S. DECKER, Ph.D (Massachusetts), Assistant Professor: Distributed and real-time problem solving, multi-agent systems, computational organization design, concurrent engineering, parallel and distributed planning and scheduling, distributed information gathering.
CONSTANTINOS DOVROLIS, Ph.D. (Wisconsin), Assistant Professor. Computer networks, differentiated services, router mechanisms, network traffic measurements operating system issues.
CHANDRA KAMBHAMETTU, Ph.D. (South 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. Mccoy, Ph.D. (Pennsylvania), Associate Professor, also Associate Professor, Linguistics: Artificial intelligence, natural language generation and understanding, knowledge representation.
LORI L. POLLOCK, Ph.D (Pittsburgh), Associate Professor. Compiler construction, code optimization, software development tools, parallel computing.
B. DAVID SAUNDERS, Ph.D. (Wisconsin), 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.
ADARSHPAL S. 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 BONCELET, GUANG GAO, ASHFAQ KHOKHAR, DAVID L. MILLS.
Mathematical Sciences: ROBERT P GILBERT, RENATE SCHEIDLER.
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.
ANN L. ARDIS, Ph.D. (Virginia), Associate Professor, also Director, University Honors Program. Theory, modern literature.
JOAN BENNETT, Ph.D (Stanford), Professor, also Coordinator of Undergraduate Research Program.
RICHARD T. BENNETT, Ph.D. (Stanford), Professor. Renaissance literature.
D. HEYWARD BROCK, Ph.D (Kansas), Professor. Renaissance literature.
R. JOHN BROCKMANN, D.A (Michigan), Professor.
FLEDA BROWN, Ph.D. (Arkansas), Professor. Poetry and English education.
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.
JAMES M. DEAN, Ph.D (Johns Hopkins), Professor. Medieval literature.
JOAN DelFATTORE, Ph.D. (Penn State), Professor. Literature and pedagogy.
PETER FENG, Ph.D. (Iowa), Assistant Professor. Asian-American film.
PHILIP D. FLYNN, Ph.D (Maryland), Professor. Romantic literature.
MARIA FRAWLEY, Ph.D (Delaware), Associate Professor. Nineteenth-century 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), Assistant Professor. Nineteenth-century British literature.
JAY L. HALIO, Ph.D. (Yale), Professor; also Professor. Theatre and Professor. Comparative Literature. Renaissance literature, modern British literature.
MARCIA PEOPLES HALIO, M.A (Delaware), Assistant Professor.
STEVEN HELMLING, Ph.D (Rutgers), Professor. Modern literature.
CAROL HENDERSON, Ph.D (California, Riverside), Assistant Professor. African-American literature.
M. DENNIS IACKSON, Ph.D. (Arkansas), Professor. Modern literature.
McKAY JENKINS, Ph.D (Princeton), Associate Professor. Journalism, African-American literature, literature of the land.
BERNARD L. KAPLAN, M.F.A. (Iowa), Associate Professor. Creative writing (fiction).
GILDA KELSEY, M.A. (Delaware), Instructor, also Assistant Director. University Writing Center.
KEVIN J. KERRANE, Ph.D (North Carolina), Professor. Drama, literary criticism.
MATTHEW KINSERVIK, Ph.D (Pennsylvania State), Assistant Professor. Eighteenth-century British literature.
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. MONEYHUN, Ph.D. (Arizona), Assistant Professor, also Director, University Writing Center.

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

JEANNE PFAELZER, Ph.D. (University of London), Professor, also Director, Writing Fellows Program, University Honors Program: Nineteenth-century American studies, American feminist writing, feminist theory.

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

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

SHIRLEY R. SAMUELS, Ph.D (California, Berkeley), H. Fletcher Brown Professor of the Humanities: American literature, literary theory.

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

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

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

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

REBECCA WORLEY, M.A (Delaware), Assistant Professor.

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

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

Joint and Adjunct Appointments

Biological Sciences: RIVERS SINGLETON

Communication: RALPH BOELEIT, JULIET DEE

Linguistics: LOUISE ARENA, WILLIAM FRAWLEY

Adjunct Faculty: HORST ARNDT, WERNER ENNINGER

Foreign Languages and Literatures

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

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

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

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

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

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

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

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

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


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

LISA CHIEFFO, Ed.D (Delaware), Assistant Professor: German and Italian.

KATRIEN CHRISTIE, Ph.D. (Delaware), Associate Professor: Italian.

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

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

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

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

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

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

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

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

CAROLYN FINKMANN, M.A. (Delaware), Instructor: Spanish.

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

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

LEE T. GLENN, 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.

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

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

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

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

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.

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

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

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

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

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

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

RICCARDO SAGGIETTO, Ph.D (Johns Hopkins), Assistant Professor: Italian.

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

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

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

MONIKA SHAHI, 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.

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

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

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

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

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

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

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

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

DANIEL 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.

EDMUNDS 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.

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

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

YDA SCHREUER, 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.

CORT J. 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. MACKENZIE.

Marine Studies: VICTOR V. KLEMAS.

Urban Affairs and Public Policy: DAVID L.AMES.

Adjunct Faculty: WILLIAM J. COHEN.

Geology

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

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, metacarbonates.

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

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

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

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.

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.

ERIKA R. ARMSTRONG, Ph.D. (Columbia), Assistant Professor: African-American history, women's history, 19th-century U.S. History.

SUZANNE AUSTIN ALCHON, Ph.D. (Duke), Associate Professor; also Assistant Dean, College of Arts and Science: Latin American history.

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

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

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

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

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

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

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

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

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

GERALD FIGAL, Ph.D. (Chicago), Associate Professor: Japanese history.

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

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

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

JOHN E. HURT, Ph.D. (North Carolina), Associate 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. (Stanford), Associate Professor, also Coordinator, African Studies Program: African history.

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

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

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

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

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

ARWEN MOHUN, Ph.D. (Case Western), Associate Professor: History of technology.

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

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

STEVEN E. SIDEbotham, 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: 19th-century U.S. history.

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

Joint Appointments

Vice President for Student Life: ROLAND M. SMITH.

Art History: BERNARD L. HERMAN.

Black American Studies: HOWARD B. JOHNSON.

Criminal Justice: ERIC W. RISE.

Individual and Family Studies: TAMARA K. HAREVEN.

Liberal Studies Program Advisory Committee

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

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

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

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

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

HOWARD B. JOHNSON, Ph.D. (Oxford), Professor, Black American Studies, also Coordinator, MALS Program.

GARY MAY, Ph.D. (California, Los Angeles), Professor, History.

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

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

Linguistics

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

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

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

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

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.

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

IRENE VOGEL, Ph.D. (Stanford), Associate Professor; also Director, Undergraduate Studies in Linguistics: Phonology, morphology, Romance languages.

Mathematical Sciences

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

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

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

L. PAMELA COOK-JOANNIDIS, Ph.D. (Cornell), Professor; also Associate Dean, College of Arts and Science: 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 EBER, Ph.D. (Delaware), Preparatory Math Educator.

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

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

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

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

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

FELIX LAZEBNIK, Ph.D. (Pennsylvania), Professor: Combinatorics, graph and number theory.

YUKI J. LEUNG, Ph.D. (Michigan), Associate Professor: Function theory.

WENBO LI, Ph.D. (Wisconsin), Associate 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.

CHRISTOPHER MOURON, Ph.D. (Texas Tech University), Assistant Professor: Topology, continuum theory, and dynamical systems.

PETER M. 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.

PETER PLECHAC, Ph.D. (Charles University, Prague), Assistant Professor: Numerical analysis.
Geraldine Prange, M.S. (St. Louis), Preparatory Math Educator.

Georgia B. Pyros, M.S. (McMaster, Canada), Instructor, Business Calculus.

Rakesh, Ph.D. (Cornell), Associate Professor, Partial differential equations.

David P. Roselle, Ph.D. (Duke), Professor and President of the University: Combinatorics.

Lillian Russell, M.S. (Delaware), Instructor, Statistics.

Renato Scheidler, Ph.D. (Manitoba, Canada), Associate Professor, Cryptography.

Gilberto Schleiniger, 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.

Robert M. Stark, Ph.D. (Delaware), Professor, also Professor, Civil and Environmental Engineering: Applied probability, operations research, and civil engineering systems.

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. (Penn State), Associate Professor, Numerical analysis and scientific computing.

Joint and Adjunct Appointments

Computer and Information Sciences: Bobby F. Caviness, David Saunders.

Education: Morris W. Brooks, William B. Moody.

Environmental Engineering: Richard B. Sacher.


Mathematics and Science Education Resource Center: Kathleen A. Hollowell.


Military Science

Kathryn Hanan Hewitt, M.S. (South Carolina), Lieutenant Colonel, United States Army, Professor and Chair.

William Barton, Master Sergeant, United States Army; Instructor.

Frank Besaw, Sergeant First Class, United States Army; Instructor.

John Casper, B.A. (West Virginia), Major, United States Army; Operations Officer and Instructor.

Sarah Chapman, Staff Sergeant, United States Army; Supply Supervisor.

Chad Luebbert, B.A. (Missouri), Captain, United States Army; Enrollment and Scholarship Officer; also Instructor.

Joseph Murphy, B.S. (Wilmington College), Major, United States Army National Guard; Logistics Officer and Instructor.

David Nichols, Sergeant First Class, United States Army; Instructor.

Joseph Saunders, United States Army Civilian; Personnel Administrative Management.

Terry Scott, Staff Sergeant, United States Army; Personnel Administrative Supervisor.

Paul Yager, M.S. (Wilmington College), Major, United States Army; Executive Officer and Instructor.

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

Music

Michael A. Arenson, Ph.D. (Ohio State), Professor: Music theory and computer-based instruction.

James Ancona, M.M. (Indiana), Assistant Director, Blue Hen Marching Band; Percussion.

Jennifer Barker, Ph.D. (Pennsylvania), Music theory and composition.

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

Cynthia L. Carr, M.M. (Florida State), Associate Professor; Horn.

Charles Clark, Jr., B.A. (Wake Forest), Audio Engineer.

Jon A. Conard, 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 State), Associate Professor; Piano.

Melanie K. DeMent, D.M.A (North Texas State), Associate Professor: Voice.

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.

Eileen Grycky, M.M. (New England Conservatory), Assistant Professor: Flute.

Alan D. Hamant, M.M. (Kansas), Associate Professor: Trumpet.

David Herman, D.M.A (Kansas), Professor: Organ, church music, and music theory.

Donald J. Hildebrand, D.M. (Indiana), Professor: Low brass.

Russell E. Murray, Ph.D. (North Texas), Associate Professor: Music history.

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.

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.M.A (Catholic University), Professor: Music education and wind ensemble.

Christian Targgart, B.M. (Philadelphia College of Performing Arts), Instructor: Guitar.

He kun Wu, D.M.A (Minnesota), Assistant Professor: Orchestra, cello.

Michael A. Zinn, Ph.D. (Michigan State), Professor: Music theory and composition.

Joint Appointments

Education: Fred T. Hofstetter.

Neuroscience

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

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

Melinda Duncan, Ph.D. (Rutgers), Assistant Professor, Biological Sciences: Molecular mechanisms of vertebrate eye development.
JOHN G. ELIAS, Ph.D. (Yale), Professor, Electrical and Computer Engineering: VLSI Artificial neural systems, robotics, evolutionary computational methods.

DENI S. GALILEO, Ph.D. (Florida), Assistant Professor, Biological Sciences: Early development of vertebrate brain and neuronal migration.

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

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

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

DAVID P.M. NORTHMORE, Ph.D (Sussex, England), Academic Coordinator, Experimental atomic, molecular, and optical physics.

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

EVELYN SATINOFF, Ph.D (Pennsylvania), Professor and Chair, Philosophy: Neurophysiology of vision, artificial neural systems.

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, 19th century philosophy.

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.

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: Perception of mind, epistemology, cognitive science.

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

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, metaethics.

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

PHILOSOPHY

FREDERICK ADAMS, Ph.D (Wisconsin), Professor and Chair: Epistemology, cognition 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, 19th century philosophy.

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.

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: Perception of mind, epistemology, cognitive science.

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

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, metaethics.

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.

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 JO 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. MEITLER, 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

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

MAURICE V. BARNHILL III, Ph.D. (Stanford), Professor: Elementermolecular physics.

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

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

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

GEORGE HADIPIANAYIS, 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.

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

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

NORBERT MULDER, Ph.D. (Delaware), Assistant Professor: Condensed matter, low temperatures.

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

DAVID G. ONN, Ph.D. (Duke), Professor: Condensed matter physics, thermal properties of advanced materials.

ISMAIL 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 SZALEWICZ, 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.
JOHN H. WATSON, Ph.D. (Delaware), Professor: Laser spectroscopy of condensed matter, photonic band structure
BARBARA A. WILLIAMS, Ph.D. (Maryland), Associate Professor: Astronomy and astrophysics, radio astronomy and groups of galaxies
S.B. WOO, Ph.D. (Washington), Professor: Atomic and molecular physics.
JOHN Q. XIAO, Ph.D. (Johns Hopkins), Associate Professor: Experimental condensed matter, transport, magnetism, and superconductivity in artificial nanostructures.

Joint Appointments
Materials Science and Engineering: ISMAT SHAH

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.
SIU-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. GAISSER, Ph.D. (Brown), Professor: Particle physics and particle astrophysics.
WILLIAM H. MATTHAEUS, 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. OWOCHKI, Ph.D. (Colorado), Professor: Astrophysics, stellar atmospheres, winds and disks.
DAVID SECKEL, Ph.D. (Washington), Associate Professor: Cosmology, particle astrophysics.
QAIṢAR SHAFÍ, Ph.D. (Imperial College), Professor: Elementary particle theory, cosmology.
TODOR STANEV, Ph.D. (Sofia), Professor: Particle astrophysics, cosmic ray physics.
GARY ZANK, Ph.D. (Natal), Professor: Space physics, plasma physics, astrophysics.

Political Science and International Relations

MARK W. HUDDESTON, Ph.D. (Wisconsin), Professor, also, Dean, College of Arts and Science, also, Professor Urban Affairs and Public Policy: Public Administration.
WILLIAM H. MEYER, Ph.D. (Iowa), Associate Professor and Associate Chair: International relations.
ALICE BA, Ph.D. (Virginia), Assistant Professor: East Asia and comparative politics.
GRETCHEL 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), Assistant Professor: International relations.
JULIO F. CARRION, 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.
LESLEE F. GOLDSMITH, Ph.D. (Cornell), Interim 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.
KENNETH A. CAMPBELL, Ph.D. (Toronto), Assistant Professor: Neural mechanisms of memory.
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.
MARRY 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.

ROGER 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.

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

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

DAVID P. NORTHMORE, Ph.D. (Sussex, England), Professor: Coordinator, Neuroscience: Neurophysiology 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), Associate Professor: Neurobiology of emotional behavior, molecular and pharmacological substrates of fear and anxiety.

EVELYN SATINOFF, Ph.D. (New York), Professor: Neural integration of sleep, circadian rhythms, thermoregulation; motivated behavior, aging.

JEROME J. SIEGEL, Ph.D. (Ohio State), Professor: Neural structures involved in inhibition and arousal.

ROBERT F. SIMONS, Ph.D. (Wisconsin), Professor: Human psychophysiology, schizophrenias, information processing.

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

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

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

Joint and Adjunct Appointments

Communication: BETTY J. HASLETT
Counseling and Student Development: RICHARD S. SHABF
Criminal Justice: VALERIE P. HANS
Education: RALPH P. FERRETTI, JOSEPH I. GLUTTING, ROBERTA GOLINKOFF, DAVID KAPLAN, FRANK B. MURRAY.

Institutional Research and Planning: KAREN W. BAUER.

Individual and Family Studies: MICHAEL F. JOHNSTON.

Nursing: CHRISTINE E. JOHNSTON.

Sociology and Criminal Justice

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

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

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

PATRICIA ALDEN, A.A.S. (Delaware Tech), Research Specialist.

MARGARET L. ANDERSEN, 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), Associate Professor: Crime and research methods.

TRACY A. BACHMAN, B.A. (Delaware), Research Associate II.

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.

ALISON R. BRZOZOWSKI, B.A. (Delaware), Research Specialist.

CLIFFORD A. BUTZIN, Ph.D. (California, San Diego), Research Administrator.

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

TOMORI N. ENEV, M.A. (Delaware), Research Associate II.

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

CHARLES E. FREEMAN, M.A. (Washington), Research Associate II.

ROBERT E. GEALT, M.A. (Delaware), Research Associate I.

ALICE M. GUETHLER, Coordinator.

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

KENNETH C. HAAS, Ph.D. (Rutgers), Professor: Judicial behavior, criminal law, corrections law.

VALERIE P. HANS, Ph.D. (Toronto), Professor: Psychology of law, law and social science.

DEBORAH H. HARRINGTON, M.A. (Southwest Texas), Research Associate II.

LANA D. HARRISON, Ph.D. (Michigan), Associate Director, Center for Drug and Alcohol Studies.

ELIZABETH HIGGINBOTHAM, Ph.D. (Brandeis), Professor: Race, gender, stratification.

HERBERT T. HUDSON, B.A. (Jackson State), Research Specialist.

JAMES A. INCIARO, Ph.D. (New York University), Professor, also Director, Center for Drug and Alcohol Studies: Criminology, drugs, criminal justice.

JOHN K. KELLY, D.P.A. (New York University), Associate Professor: Criminal justice.

MARIAN C. KILEY, M.P.A. (Florida International), Research Administrator.

VIVIAN L. KLAFF, Ph.D. (Wisconsin), Associate Professor: Demography, urban sociology.

CARL B. KLOCKARS, Ph.D. (Pennsylvania), Professor: Criminal justice, police, criminology.

SYLVIA LEWIS-HARRIS, M.S. (Middle Tennessee), Research Specialist.

STEVEN S. MARTIN, M.A. (Michigan), Scientist.

JENNIFER L. MEYER, B.A. (Penn State), Research Associate I.

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

BLANCA MOORE, B.A. (Boston), Research Associate I.

DIANE MURRAY, Assistant to the Director.

DRETTA NICHOLS-JENNINGS, Research Associate I.

JOANNE M. NOG, Ph.D. (California, Los Angeles), Professor, also Co- Director, Disaster Research Center: Collective behavior, social movements, social psychology.

SHAMIKO P. PONZO, A.A. (Delaware Tech), Research Specialist.

MARY ANN POULOS, Research Specialist.

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

JOSEPH A. RODGERS, Research Specialist.

ANDRE ROSAY, Ph.D. (Maryland), Professor: Volume and research methodology and statistics.

CHRISTINE SAUM, M.A. (Florida), Research Associate III.

FRANK R. SCARPITTI, Ph.D. (Ohio State), Professor: Deviant behavior, crime and delinquency.

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

Sociology and Criminal Justice
HILARY L. Surratt, M.A. (Florida), Associate Scientist
KATHLEEN J. Tierney, Ph.D. (Ohio State), Professor; also Co-Director, Disaster Research Center: Collective behavior, qualitative methods.
PATRICIA A. Tressell, M.S. (Delaware), Research Associate III
Gerald M. Turkel, Ph.D. (California, Santa Barbara), Professor: Social theory, social psychology.
Izzy Vishnevetsky, M.B.A. (Wilmington College), CITa III.
Judith L. Watson, Assistant to the Chair.

Joint and Adjunct Appointments

Black American Studies: Carol C. Marks.
Education: James H. Crouse.
Adjunct Faculty: Emma Jean Joseph, Margie Kiter Edwards, Charles M. Oberly III, Robert J. O'Neil, John J. Polk, Emily Reed.

Theatre

Sanford R. Robbins, M.F.A. (Carnegie-Mellon), Professor and Chair: Acting, directing.
JoAnn E. Brownning, M.F.A. (Southern Methodist), Professor and Associate Chair: Stage movement/dance.
Andrea A. Barrier, B.A. (Wisconsin), Associate Professor: Costume production.
Peter A. Brakhage, Technical Director: Technical Production.
Richard P. Brown, Ph.D. (Tulane), Professor: Undergraduate acting.
William L. Brownning, M.F.A. (Iowa), Professor: Technical Production.
James H. Cunningham, M.A. (Toronto), Associate Professor: Undergraduate acting.
Rick A. Cunningham, M.A. (Tulane), Associate Professor: Stage Management.
Catherine Fitzmaurice, M.A. (Michigan), Professor: Undergraduate acting.
Heinz-Uwe Haus, Ph.D. (Humboldt), Professor: Acting, directing, theatre history.
Barbara Hughes-Lampros, Costume Manager.
Robin Lu Payne, M.F.A. (Temple), Associate Professor: Technical Production.
Leslie Reidel, M.F.A. (Temple), Professor: Acting, directing.
Eileen T. Smithheimer, B.A. (Purdue), Associate Professor: Technical Production.
Susan R. Sweeney, M.F.A. (Massachusetts), Professor: Stage speech, voice production.
Steve J. Taque, M.F.A. (Wisconsin), Assistant Professor: Stage speech, voice production.
Jewel H. Walker, Professor: Acting, directing, stage movement.

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), Assistant 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.
Jodi Hauptman, Ph.D. (Yale), Assistant Professor, Art History: Twentieth-century art.
Bernard L. Herman, Ph.D. (Pennsylvania), Edward F. and Elizabeth Goodman Rosenberg Professor, Art History, also Director, Center for American Material Culture Studies: Folklore and folklife, material culture.
Christine Heyrman, Ph.D. (Yale), Professor, History: Colonial period.
Carol E. Hoffecker, Ph.D. (Harvard), Richards Professor of History: State and local history, urban history.
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.
J.A. Leo LeMay, Ph.D. (Pennsylvania), Winterthur Professor, English: Colonial American literature.
Cathy Matson, Ph.D. (Columbia), Associate Professor, History: Colonial period.
Donald C. Mell, Ph.D. (Pennsylvania), Professor, English.
Donald H. Meyer, Ph.D. (California, Berkeley), Professor: American intellectual history.
Arwen Mohun, Ph.D. (Case Western), Associate Professor, History: History of technology.
Susan Strasser, Ph.D. (SUNY-Stony Brook), Professor, History: American industrialization, U.S. social and cultural history since 1873, U.S. business history.
Bryant F. Tolles, Jr., Ph.D. (Boston), Interim Chair, Art Conservation and Director, Museum Studies Program, also Professor, History and Professor, Art History: American decorative arts.

Joint and Adjunct Appointments

Adjunct Faculty: Gretchen T. Buggeln, Wendy Cooper, Linda Eaton, Pauline Eversmann, Donald L. Pennimore, Leslie Gribsby, Patricia Halfpenny, Charles Hummel, Jr., Brock Jobe, Gary Kulik, Rich McKinstry, Neville Thompson, Anne Verplank.

Women's Studies

Marian Lieff 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 Andreassen, 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.
Gretchen 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, and 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), Associate Professor, also Associate 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), Assistant Professor, also Assistant 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.

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

ANNETTE GIESECKE, Ph.D. (Harvard), Assistant Professor, also Assistant Professor, Foreign Languages and Literatures: 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 Professor, Economics: Labor economics.

BARBARA KELLY, Ph.D. (Delaware), Professor, also Professor, Health and Exercise Sciences: Philosophy, history, women in physical education.

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 Literatures: Japanese.

RUDOLPH MATTHEE, Ph.D. (California, Los Angeles), Associate Professor, also Associate Professor, History: Middle Eastern history.

JUDY McNINIS, Ph.D. (North Carolina), Associate Professor, also Associate Professor, Foreign Languages and Literatures: Spanish and comparative literature.

SUSAN MILLER, Ph.D. (Maryland), Associate Professor, also Associate Professor, Sociology and Criminal Justice: Criminology, sex and gender, policing.

RUSSELL E. MURRAY, Ph.D. (North Texas), Associate Professor, also Associate Professor, 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 Associate Professor, Anthropology. Paleoanthropology, human locomotion and birth, Neanderthals.

SHIRLEY SAMUELS, Ph.D. (California, Berkeley), Professor, also H. Fletcher Brown Professor of English-American literature: American fiction, women writers, visual culture.

JESSICA SCHIFFMAN, M.A. (Delaware), Assistant Director: Gender and violence.

BONNIE SCOTT, Ph.D. (North Carolina), Professor, also Professor, English: Irish literature, feminist theory, modern 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; also Coordinator, Undergraduate Advisement: Human sexuality.

JANET R. BROSEK, M.A., (Delaware), Curator, University Gallery.

DAVID A. MEYER, (Delaware), Head Exhibition Designer

University Parallel Program

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

Wilmington Campus

HELEN EASTERLING WILLIAMS, Ed.D. (Delaware), Senior Assistant Dean, Wilmington Campus.

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

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

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

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

MARISA DE LOS SANTOS, Ph.D. (Houston), Assistant Professor of English.

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

Dover Campus

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

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

CARLA C. MORRIS, M.S. (R.P.I.), Assistant Professor of Mathematics.

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

Georgetown Campus

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

JULIO CARRION, Ph.D. (Pittsburgh), Assistant Professor of English.

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.

DAVID 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.

LINDA DUNN, Ed.D. (Delaware), Manager.

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

SCOTT K. JONES, Ph.D. (Drexel), Associate Dean; also Professor, Accounting and Management Information Systems.

TERRY M. WHITTAKER, M.A. (Minnesota), Assistant Dean.
Accounting and Management Information Systems


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

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


GLORIA ZOOK DIODATO, M.B.A. (Delaware), Project Director for the MIS minor.

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

GUNDO GEERTS, Ph.D. (Free University of Brussels), Assistant Professor: Information systems.


JACKSON F. GILLESPIE, Ph.D. (Virginia Tech), C.M.A., Associate Professor: Management accounting.

THOMAS J. HOFFERD, Ph.D. (Central Florida), C.P.A., Assistant Professor: Information Systems.

SCOTT K. JONES, Ph.D. (Drexel), Professor; also, Associate Dean, College of Business and Economics: Management accounting.

GREGORY KANE, Ph.D. (Virginia Tech), C.P.A., Associate Professor: Financial accounting.


ELLEN F. MONK, M.B.A. (Delaware), Instructor: Information systems.

ROBERT L. PARETTA, Ph.D. (Syracuse), C.P.A., Associate Professor: Financial accounting.

NEAL A. PILLIPS, J.D. (Villanova), LL.M (Temple), Assistant Professor: Business law.

SHELDON D. POLLOCK, Ph.D. (Cornell), Associate Professor: Business law.

IANIS R. REEDER, Ph.D. (South Carolina), C.P.A., Associate Professor: Taxation.

WINIFRED SCOTT, Ph.D. (Florida State), C.P.A., Assistant Professor: Financial accounting.

MARK A. SERVA, Ph.D. (Texas), Assistant Professor: Information Systems.

CLAUDIO SPIGUEL, Ph.D. (Michigan), Professor: MIS.

FREDERIC M. STINER, JR., Ph.D. (Nebraska), C.P.A., Associate Professor: Financial accounting and information systems.


UMA VELURY, Ph.D. (South Carolina), Assistant Professor: Financial accounting.

CLINTON E. WHITE, JR., D.B.A. (Indiana), Associate Professor: Information systems and auditing.

JOHN H. WRAGOE, Ph.D. (Houston), C.P.A., Associate Professor: Management accounting and information systems.


Business Administration

HOWARD GARLAND, Ph.D. (Cornell), Chaplin Tyler Professor of Business and Chair: Management.

RICK L. ANDREWS, Ph.D. (Virginia Tech), Associate Professor and Area Head for Marketing: Marketing.

JOHN H. ANTLIL, Ph.D. (Penn State), Associate Professor and Area Head for Marketing: Marketing.

KARL F. AQUINO, Ph.D. (Northwestern), Assistant Professor: Management.

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.

TODD CHILES, Ph.D. (Oregon), Assistant Professor: Management.

DARWIN J. DAVIS, Ph.D. (Indiana), Assistant Professor: Operations management.

DIANE L. FERRY, Ph.D. (Pennsylvania), Associate Professor: Management.

SANDRA FIELDS, M.B.A. (Radford), Instructor: Marketing.

DANIEL FREEMAN, M.A. (Arizona), Assistant Professor: Marketing.

MERYL P. GARDNER, Ph.D. (Carnegie-Mellon), Associate Professor: Marketing.

WILLIAM V. GEHRLEIN, Ph.D. (Penn State), Professor: Operations Management.

JENNIFER OREGON-PAXTON, Ph.D. (Minnesota), Assistant Professor: Marketing.

CYNTHIA HUFFMAN, Ph.D. (Arizona), Assistant Professor: Marketing.

ROBERT J. KENT, Ph.D. (Cincinnati), Associate Professor: Marketing.

MARY C. KERNAN, Ph.D. (Akron), Associate Professor: Management.

JOHN L. KMETZ, D.B.A (Maryland), Associate Professor: Management.

CHRISTINE T. KYDD, Ph.D. (Pennsylvania), Associate Professor: Operations Management.

AJAY K. MANRAI, Ph.D. (Northwestern), Professor: Marketing.

LAJILA A. MANRAI, Ph.D. (Northwestern), Professor: Marketing.

SHARON O’DONNELL, Ph.D. (South Carolina), Assistant Professor: Management.

JOHN F. PREBLE, Ph.D. (Massachusetts), Associate Professor: Management.

ERWIN M. SANIGA, Ph.D. (Penn State), Professor and Area Head for Operations Management: Operations.

JOHN E. SAWYER, Ph.D. (Illinois), Associate Professor and Area Head for Management: Management.

STEWARD A. SHAPIRO, Ph.D. (Arizona), Assistant Professor: Marketing.

DANIEL P. SULLIVAN, Ph.D. (South Carolina), Associate Professor: Management.

ANTHONY TOWNSEND, Ph.D. (Virginia Polytech), Assistant Professor: Information technologies management.

BRET I. WAGNER, Ph.D. (Michigan State), Assistant Professor: Operations 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.

ELEANOR D. CRAIG, M.A. (Pennsylvania), Associate Professor and Associate Chair: Public finance.

KENNETH A. LEWIS, Ph.D. (Princeton), Chaplin Tyler Professor of Business and Associate Chair: Applied econometrics.

BUTCH A. ABRAMS, Ph.D. (Ohio State), Professor: Public choice.

RICHARD A. AGNELLO, Ph.D. (Johns Hopkins), Associate Professor; also, Associate Professor, College of Marine Studies: Econometrics.

MICHAEL A. ARNOLD, Ph.D. (California, Los Angeles), Associate Professor: Microeconomics.

STACIE BECK, Ph.D (Pennsylvania), Associate Professor: Monetary economics.

DAVID E. BLACK, Ph.D. (M.I.T.), Associate Professor: Microeconomics.

JAMES L. BUTKIEWICZ, Ph.D (Virginiia), Professor: Macroeconomics.

JOSEF I. DANIEL, Ph.D (Minnesota), Associate Professor: Industrial organization.
FACULTY AND PROFESSIONAL STAFF

LAURENCE P. DONNELLEY, Ph.D (Brown), Associate Professor: International economics.

EVANGELOS F. PALMARIS, 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 Programs and Planning; also, Acting Associate Provost for International Programs and Special Sessions.

FARLEY GRUBB, Ph.D (Chicago), Professor: Economic history.

WILLIAM HARRIS, Ph.D (Virginia), Associate Professor: Microeconomics.

KENNETH J. KOFORD, Ph.D (California, Los Angeles), Professor, also Professor, Political Science; Industrial organization.

WILLIAM R. LATHAM III, Ph.D (Illinois), Associate Professor: Urban and regional economics.

CHARLES R. LINK, Ph.D (Wisconsin), Professor: Labor economics.

JEFFREY B. MILLER, Ph.D (Pennsylvania), Professor: Monetary economics.

JAMES MULLIGAN, Ph.D (Minnesota), Professor: Industrial organization.

JAMES B. O'NEILL, Ph.D (Purdue), Professor; also Director, Center for Economic Education and Entrepreneurship; Economic education.

LAURENCE S. SEIDMAN, Ph.D (California, Berkeley), Chaplin Tyler Professor: Macroeconomics.

RUSSELL F. SETTLE, Ph.D (Wisconsin), Professor: Public finance.

DAVID R. STOCKMAN, Ph.D (University of Chicago), Assistant Professor: Macroeconomics.

JAMES R. THORNTON, Ph.D (Cornell), Associate Professor: Comparative economic systems.

RAVINDRA YATAWARA, Ph.D (Columbia), Assistant Professor: International economics.

JOHN S. YING, Ph.D (California, Berkeley), Associate Professor: Industrial organization.

Joint Appointments

Business Administration: WILLIAM V. GEHRLEIN.

Finance: ROBERT L. SCHWEITZER.

Food and Resource Economics: CONRADO M. GEMPESEW II.

Marine Studies: LEE G. ANDERSON, GEORGE R. PARSONS.

Finance

M. ANDREW FIELDS, Ph.D (Virginia Tech), Associate Professor and Chair: 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.

IAY F. COUGHENOUR, Ph.D (Pittsburgh), Assistant Professor: Investments, financial markets, market microstructure.

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

TIMOTHY E. DETWILER, M.B.A (Western Illinois), Instructor: Corporate finance.

CHARLES M. ELSON, J.D (Virginia), Edgar S. Woolard, Jr Chair in Corporate Governance: Corporate law, corporate governance.

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.

DONALD I. PUGLISI, D.B.A (Indiana), MBNA America Business Professor: Investments, financial markets and institutions.

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), Associate 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.

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

HEATHER EARLY, Assistant to the Dean.

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

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

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

MICHAEL 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.

Air Force ROTC

CHARLES T BOWMAN III, M.B.A (Tampa), Lieutenant Colonel, United States Air Force; Professor and Chair.

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

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

Biomedical Engineering

KENNETH E. BARNIER, 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.

ANDREW L. ZYDNEY, Ph.D (Massachusetts Institute of Technology), Professor of Chemical Engineering: Biomedical engineering, mass transfer processes, blood and protein separations, artificial organs.

Chemical Engineering

MARK A. BARTAUS, 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.

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

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

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

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

FRANCIS J. DOYLE III, Ph.D. (California Institute of Technology), Professor. Process identification and control, nonlinear process modeling, pulp and paper, control systems.

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

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.

ABRAHAM M. 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.

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

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

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

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

ANDREW L. ZYDNEY, Ph.D. (M.I.T.), Professor, also Associate Chair, Undergraduate Programs. Biological separations, artificial organs, membrane processes.

Civil and Environmental Engineering

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

MICHAEL J. CHAIES, Ph.D. (California, Davis), Associate Professor and Associate Chair. Structural design and analysis, infrastructure evaluation and rehabilitation.

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

Civil and Environmental Engineering

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.

Alexander H.-D. Cheng, Ph.D. (Cornell), Professor, also Professor, Marine Studies. Water resources, groundwater flow, hydraulic fracturing, poreelasticity, boundary element methods.

Pei Chiu, Ph.D. (Stanford), Assistant Professor. Environmental redox chemistry, halogenated organic pollutants.

Robert A. Dalrymple, Ph.D. (Florida), Edward C. Davis Professor, also Professor, Marine Studies; also Director, Center for Applied Coastal Research. Coastal engineering, coastal processes, hydromechanics.

Steven K. Dernell, Ph.D. (Cornell), Professor. Application of colloid and interface science to water and wastewater treatment processes.

Ardeshir Faghi, Ph.D. (Virginia), Associate Professor. Traffic analysis, highway design.

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

Paul T. Immoff, Ph.D. (Pennsylvania), Assistant Professor of Groundwater hydrology, transport, mass transfer processes, fracture mechanics, geomechanics.

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.

Nobuisha Kobayashi, Ph.D. (M.I.T.), Professor, also Professor, Marine Studies. Coastal engineering, coastal structures, sediment transport mechanics.

Dov Leschinsky, Ph.D., Ph.D. (M.I.T.), Associate Professor, Marine Studies. Coastal engineering, coastal processes, sediment transport mechanics.

Robert A. Dalrymple, Ph.D. (California, Los Angeles), Assistant Professor. Environmental sciences, environmental geology, environmental engineering, urban transportation systems, logistics, operations research.


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 Yamamura, 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. Communications 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.

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

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

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

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

ROBERT G. HUNSFIDER, 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 semiconductor devices/materials including processing, characterization analyses and integration, metallization for ULSI.

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

XIAO-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.

Joint and Adjunct Appointments

Computer and Information Sciences: GAGAN AGRAWAL, PAUL D AMER, ADARSHPAL S. SETHI

Marine Studies: VICTOR V. KLEMAS

Mathematical Sciences: M. ZUHAIR NASHED

Adjunct Faculty: ALLEN M BARNETT, A. BRINTON COOPER, MICHAEL J. PIVOVO.

Materials Science and Engineering

JOHN F. RABOLT, Ph.D. (Southern Illinois), Professor and Chair; Macromolecular assemblies, spectroscopy, thin organic films, biomolecular materials, polymer physics, self-assembled monolayers (SAMs)

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

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

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

DARRIN J. POCHAN, Ph.D (Massachusetts), Assistant Professor; Polymer physics, morphology, biopolymer self-assembly, thin films.

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

Joint and Adjunct Appointments

Chemical Engineering: DOUGLAS J. BUTTREY, ROY L. MCCULLOUGH

Marine Studies: STEPHEN C. DEXTER

Mechanical Engineering: TSU-WEI CHOU, IAN W. HALL, AZAR PARVIZI-MAJIDI

Adjunct Faculty: ROBERT W. BERKMIRE, BRUCE FINK, ROBERT K. GRASSELLI, RICHARD IKEEDA

Off-Campus Faculty: D. BRUCE CHASE, ALAN ENGLISH, PRATIBHA GAI, MICHAEL MAUK, MARK NELSON.

Mechanical Engineering

TSU WEI CHOU, Ph.D. (Stanford), Jerzy L. Nowinski Professor and Chair; Composite materials, nanomaterials, fracture of solids and applied mechanics.

MICHAEL KEEFE, Ph.D. (Minnesota), Associate Chair for Undergraduate Education, also Associate Professor; Computer-aided design, mechanical design, system modeling and rapid tooling.

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

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

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

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

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

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

AZAR PARVIZI-MAJIDI, Ph.D. (Surrey), Associate Professor; Fracture and failure of composites, ceramic matrix composites, experimental methods, corrosion.

AJAY 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.

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

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

JIAN-QIAO SUN, Ph.D. (Penn State), Robert L. Spencer Professor; Applied mechanics, fluid mechanics, tribology.

JACK R. VINSON, Ph.D. (Pennsylvania), H. Fletcher Brown Professor, also H. Fletcher Brown Professor, Marine Studies; Structural mechanics, anisotropic composite materials, plate and shell theory, structural optimization, aerospace structures, sandwich structures.

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

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

DICK J. WILKINS, Ph.D (Oklahoma), Professor; 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 CLAAR, STEPHEN C. DANFORTH, RICHARD ELEY, EDWARD P. GARGUIMO, ROGER V GONZALEZ, SAID JAHAHMIR, JOHN LAMBROS, FABIAN 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 (Pennsylvania), Associate Dean and Associate Professor  
SUZANNE B. CLARK, M Ed (Delaware), Assistant Dean for Student Services

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

Biomechanics and Movement Science

THOMAS S. BUCHANAN, Ph D. (Northwestern), Academic Director; also Associate Professor, Mechanical Engineering: Musculoskeletal modelling, EMG-driven biomechanical models, neural control of arm, posture, neuromuscular mechanisms of knee joint stability

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

JOSE ANTONIO, Ph D (Texas), Assistant Professor, Department of Health and Exercise Science: Nutrition and athletic performance, skeletal muscle plasticity, strength and conditioning

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

KENNETH E. BARNER, Ph D (Delaware), 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, Physical Therapy: Neuropsychology, 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

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. McClay, 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, birthling injury analysis, gait analysis of children with cerebral palsy

ROBERT E. NEEVES, Ph D (Utah), Professor, Health and Exercise Sciences: EOG interpretation, physiological response to exercise induced stress, function, and human organ plamation

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.

TARIQ RAHMAN, Ph D (Drexel), Research Assistant Professor, Computer and Information Sciences; also Research Associate, Center for Applied Science and Engineering: Application of extended physiological proprioception to the control of robots, and prostheses

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 (Arizona 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: Tissue mechanics, stress, function, human organ plamation

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), Associate Professor, Physical Therapy: Neuromuscular physiology, applied anatomy, anterior cruciate ligament injury

JAN-QING SUN, Ph D (Utah), Associate Professor, Mechanical Engineering: Suppression of abnormal motion, instability of human movement

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: Exercise science

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

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

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

JAMES W. KENT, Ph D. (Iowa), Associate Professor: Curriculum/teaching 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

MICHÈLE 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

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

ROGER J. SPACHT, 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: JOAN COUCH, JAMES W. FISCHER, KEITH A. HANDLING, JOHN T. HAYMAN, MICHAEL HIGGINS, JAMES W. KENT, LOREN E. KLINE, SUSAN M. McGRATH-Powell, JOHN SCHUSTER, LAURA LAURA.

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.
ELYSSE E. FORAKER, B.S. (Millersville), Laboratory Coordinator: Medical microbiology, mycology.
DONALD C. LEHMANN, M.Sc. (Wright State), Assistant Professor: Medical microbiology, computers, statistics, immunology, virology.
VICTORIA L. MADUSKUIE, B.S. (Indiana University of Pennsylvania), Laboratory Coordinator: Hematopathology, immunohematology.
RAELENE E. MASER, Ph.D. (Pittsburgh), Associate Professor: Diabetic complications, neuropathy, epidemiology, hematology.
MARY ANN McLANE, Ph.D. (Temple), Assistant Professor: Integrin-ligand interactions, clinical chemistry.
MARY BETH MIELE, Ph.D. (Penn State), Associate Professor, also Associate Dean, College of Health and Nursing Sciences: Maternal/child health.
MARGARET R. BRABENDER, B.S. (Belmont), Laboratory Coordinator: Medical microbiology, mycology.
MARY BETH MIELE, Ph.D. (Penn State), Associate Professor: Melanoma, cancer metastasis, immunodiagnostics, microbiology.
KENNETH L. SISCO, M.D. (Arkansas), Ph.D. (Johns Hopkins), Adjunct Associate Professor and Medical Director: Anatomic and clinical pathology, molecular biology.

Nursing
PAMELA BEEMAN, Ph.D. (Pennsylvania), Associate Professor, also Associate Dean, College of Health and Nursing Sciences: Maternal/child health.
MARGARET L. BRINEY, Ph.D. (Wayne State), Associate Professor: Cardiopulmonary nursing.
LINDA BUCHER, D.N.Sc. (Widener), Associate Professor: Medical-surgical nursing, critical care.
CHRISTINE CALAMARO, M.D.S. (Pittsburgh), Instructor: Family nurse practitioner.
CHRISTINE A. CANNON, Ph.D. (Delaware), Associate Professor: Medical-surgical nursing.
SHEILA 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 INQUITO, M.S.N. (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), Associate Professor, also Director, Division of Special Programs: Psychiatric and mental health nursing.
LISA MCBETH-SNYDER, M.S.N. (California), Instructor: Maternal/child health.
MARY ANN MILLER, Ph.D. (Temple), Associate Professor: Perinatal/women's health nursing.
CAROL MOORE, M.S. (Pace), Instructor: Family nurse practitioner.
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.
LISA PLOWFIELD, Ph.D. (Virginia), Associate Professor: Trauma, critical care.
CAROLEE POLEK, Ph.D. (Temple), Assistant Professor: Medical-surgical nursing.
LARRY PURNELL, Ph.D. (Columbia Pacific), Professor: Health services administration, transcultural health care.
JEAN RAYMOND, M.S. (Delaware), Instructor: Gerontology.
CHRISTINE REILLY, Ph.D. (California School of Professional Psychology), Associate Professor: Psychiatric nursing.
KATHLEEN A. SCHILL, M.S. (Delaware), Instructor: 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.
MARY BETH SNYDER, M.S. (Delaware), Instructor: Medical-surgical nursing.
GAIL H. WADE, M.S. (Delaware), 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, Ph.D. (SUNY), Assistant Professor: Medical-surgical nursing.

Nutrition and Dietetics
JACK L. SMITH, Ph.D. (Cincinnati), Professor and Chair: Nutritional assessment, nutrition education for health professionals, iron nutrition.
LETA P. ALJADIR, M.S. (Drexel), Associate Professor: Maternal and fetal nutrition, metabolic effects of dietary fiber, computer-based nutrition education.
NANCY COTUGNA, Ph.D. (Loma Linda), Professor: Dietetics education, community/public health nutrition, cancer risk reduction.
MARIE T. FANELLI-KUCZMANSKI, 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), Associate 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.Ag. (Florida), Associate Professor: Food safety education, child nutrition, food service systems, productivity.
ANN RUCINSKI, M.A., R.D. (Immaculata College), Supervisor, Dietetic Internship Program.
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. SUB SNIDER.
Division of Special Programs

MADELINE LAMBRECHT, Ed.D. (Temple), Director; also Associate Professor of Nursing.
KAREN M. AVINO, B.S.N., R.N. (Delaware), Distance Learning Recruiter.
LORI L. HUBNER, M.S.N., R.N. (Delaware), RN Coordinator, Instructor.
STACY R. WEILE, Ed.M., B.A. (Illinois), CITA II.

COLLEGE OF HUMAN SERVICES, EDUCATION AND PUBLIC POLICY

Office of the Dean

DANIEL RICH, Ph.D. (M.I.T.), Dean, also Professor, School of Urban Affairs and Public Policy, and Professor, Political Science and International Relations.
MARY HELEN CALLAHAN, M.A. (Harvard), Assistant to the Dean for Advancement and Special Programs.
GRACE E. DEHLE, B.A. (Gettysburg), Assistant to the Dean for Financial Management.
PATSY HOWANIEC, Assistant to the Dean.
TIMOTHY MILLER, M.A. (Marshall), Assistant Dean for College Management.
H. KIRSTINE RITZ, M.Ed. (Georgia Southern), Coordinator, Office of Student Support Services.
ELAINE M. STOTKO, Ph.D. (Delaware), Senior Assistant Dean, also Assistant Professor, Education.
KIMBERLY A. YACKOSKI, M.Ed. (Delaware), Assistant Dean for Student Services.

Consumer Studies

KAREN F. STEIN, Ph.D. (Delaware), Associate Professor and Chair; Leadership, public policy, consumer economics.
CAROL R. DENSER, Ph.D. (Delaware), Associate Professor; Disabilities studies, consumer policy issues.
AUDREY L. HELPFMAN, Ph.D. (Delaware), Assistant Professor and LEAD Program Director; Leadership, human resources development, and organizational change.
JANET HETHORN, Ph.D. (University of Minnesota), Associate Professor; Visual culture, design process and innovation.
MARY JO KALLAL, M.S. (Southern Illinois), Professor; CAD, apparel design innovation.
HYE-SHIN KIM, Ph.D. (Iowa State), Associate Professor; Consumer behavior, apparel merchandising and retailing.
JOHN E. KUSHMAN, Ph.D. (North Carolina), Professor; Consumer economics, leadership.
ROSETTA S. LAFLEUR, Ph.D. (Tennessee), Associate Professor; Computer-aided merchandise planning.
JANE M. LAMB, Ph.D. (Tennessee), Associate Professor; Social psychology, leadership studies, dress.
FRANCES W. MAYHEW, Ph.D. (Maryland), Associate Professor; Costume textile history, material culture.
JAMES L. MORRISON, Ed.D. (Temple), Professor; Consumer economics, leadership, online commerce.
BELINDA T. ORZADA, Ph.D. (Florida State), Associate Professor; Apparel design, fashion drape characteristics.
KAREN E. SCHEAFFER, M.S. (Penn State), Associate Professor; Fashion, visual presentation, artwear.
JUDITH B. VAN NAME, Ph.D. (Virginia Tech), Associate Professor; Family economics and resource management.

Joint and Adjunct Appointments

Continuing Education: Peter D. Edwards
Urban Affairs and Public Policy: Maria P. Aristigueta, Deborah P. Auger.

Education

CHRISTOPHER CLARK, Ph.D. (Stanford), Director and Professor; Teacher education, classroom learning, and cognitive psychology.
DOUGLAS A. ARCHBALD, Ph.D. (Wisconsin), Associate Professor; Educational leadership.
GEORGE G. BEAR, Ph.D. (Virginia), Professor; Cognitive psychology, assistive technology, and educational technology and human factors.
DAVID BLACKER, Ph.D. (Illinois), Associate Professor; Philosophy.
JAN H. BLITS, Ph.D. (New School for Social Research), Professor; also Professor, Political Science and International Relations; Philosophy and politics of education.
NANCY W. BRICKHOUSE, Ph.D. (Purdue), Associate Professor; Science education.
ALBERT R. CAVALIER, Ph.D. (Alabama), Associate Professor; Cognitive psychology, assistive technology, educational technology and human factors.
BARBARA K. CURRY, Ed.D. (Harvard), Associate Professor; Educational leadership.
ZOUBEIDA R. DAGHER, Ph.D. (Iowa), Associate Professor; Science education.
LAURA T. EISENMANN, Ph.D. (Vanderbilt), Assistant Professor; Secondary special education, transition to adult life for students with disabilities.
RALPH P. FERRETTI, Ph.D. (Alabama), Professor; also Professor, Psychology; Cognitive psychology, cognitive development and disabilities, problem solving, instruction, and special educational technology.
DANIELLE FORD, Ph.D. (Michigan), Assistant Professor; Science education.
SUSAN GIANCOLA, Ph.D. (Pennsylvania), Associate Policy Scientist; Policy research, evaluation, and measurement.
JOSEPH J. GLUTTING, Ph.D. (Pennsylvania), Professor; School psychology, psychoeducational assessment, educational measurement.
JOANNE M. GOLDEN, Ph.D. (Ohio State), Professor, also Coordinator, Ph.D. Program in Curriculum and Instruction; Language Arts.
ROBERTA M. GOLINKOFF, Ph.D. (Cornell), H Rodney Sharp Professor; also Professor, Psychology and Professor, Linguistics; Language acquisition, communication development, cognitive development, and psychology of reading.
LINDA S. GOTTFREDSON, Ph.D. (Johns Hopkins), Professor; Educational policy, societal consequences of IQ differences, career development, occupational structure, differences in education and employment by race, sex, and physical handicap.
ROBERT HAMPSEL, Ph.D. (Cornell), Professor; also Coordinator, Ed.D. Program in Educational Leadership; History of education, contemporary educational policy.
GABRIELLA HERMON, Ph.D. (Illinois), Associate Professor, also Associate Professor, Linguistics; Language acquisition, principles and parameters framework, syntactic theory, language processing, and text analysis of problems of reading.
JAMES HIEBERT, Ph.D. (Wisconsin), H Rodney Sharp Professor; Mathematics education.
FRED HOFSTETTER, Ph.D. (Ohio State), Professor; Technology instruction.
NANCY C. JORDAN, Ed.D. (Harvard), Associate Professor; Reading, language and learning disabilities.
DAVID W. KAPLAN, Ph.D. (California, Los Angeles), Professor; also Professor, Psychology; Educational statistics, factor analysis, and structural equation modeling.
DEBORAH KNIGHT, Ph.D. (Georgia), Assistant Professor; Applied human development.
CHARLES A. MacARTHUR, Ph.D. (American), Professor; Special education, reading and writing skills for learning disabled students, vocational assessment of children.
EUGENE L. MATUSOV, Ph.D. (California at Santa Cruz), Assistant Professor; Instruction and cognition.
KATHLEEN M. MINKE, Ph.D. (Indiana), Associate Professor; Early intervention for children with disabilities and at-risk children.
FACULTY AND PROFESSIONAL STAFF

WILLIAM B. MOODY, Ed. D. (Maryland), Professor; also Professor, Mathematical Sciences; Mathematics education.

ANNE MORRIS, Ph.D. (Ohio State), Assistant Professor, Mathematics education.

FRANK B. MURRAY, Ph.D. (Johns Hopkins), H. Rodney Sharp Professor; also H. Rodney Sharp Professor of Psychology. Cognitive development, developmental theory, reading and mathematics.

RATNA NANDAKUMAR, Ph.D. (Illinois), Associate Professor. Educational statistics and measurements.

CYNTHIA M. OKOLO, Ph.D. (Indiana), Associate Professor, Computer-assisted instruction, achievement motivation, and learning handicaps.

JOHN J. PIKULSKI, Ph.D. (Temple), Professor, Reading.

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.

EUGENE R. SMOLLEY, Ph.D. (Johns Hopkins), Associate Professor, Educational leadership.

JOHN ST. JULIEN, Ph.D. (Louisiana State), Assistant Professor, Social studies and curriculum theory.

ELAINE M. STOTKO, Ph.D. (Delaware), Assistant Professor, also Senior Assistant Dean, College of Human Services, Education and Public Policy. Linguistics, English as a Second Language.

ROBERT J. TAGGART, Ph.D. (Michigan), Associate Professor, History of education.

RICHARD L. VENEZKY, Ph.D. (Stanford), Unidel Professor, also Unidel Professor, Computer and Information Sciences and Unidel Professor, Linguistics: Reading processes, assessment, history of literacy, and computers in education.

HARLEEN VICKERS, Ph.D. (Delaware), Assistant Professor, Family-school issues and intervention.

CAROL J. VUKELICH, Ph.D. (Southern Illinois), Professor, also Professor, Individual and Family Studies, and Coordinator, Master of Instruction Program. 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.

DIANA WEARNE, Ph.D. (Wisconsin), Associate Professor, Mathematics education.

JAMES A. WHITSON, Ph.D. (Rochester), Associate Professor, Social Studies.

ELIZABETH WIER, Ph.D. (Delaware), Assistant Professor, Science education.

Joint and Adjunct Appointments

Chemistry and Biochemistry: KATHRYN C. SCANTLEBURY.

Continuing Education: JAMES BROOMALL.

Dean of Students Office: TIMOTHY F. BROOKS.

DCTE: ALLISON KAPLAN.

Institutional Research and Planning: MICHAEL F. MIDDGAUGH.

Mathematical Sciences: JINFA CAI.

Research and Development Center: SUSAN DIAMOLO, AUDREY NOBLE.

Urban Affairs and Public Policy: JEFFREY RAFFEL.

Hotel, Restaurant, and Institutional Management

FREDERICK J. DEMICO, Ph.D. (Virginia Tech), Professor and Chair, International hospitality management, gerontology.

CIHAN COBANOGLU, M.S. (Oklahoma State), Assistant Professor.

RONALD P. COLE, M.S. (Rochester Institute of Technology), Associate Policy Scientist and Assistant Professor. Food and beverage management, distance learning.

GEORGE CONRADE, M.B.A. (Michigan State), Professor, Financial management, marketing, catering.

PAMELA R. CUMMINGS, Ph.D. (Oklahoma State), Associate Professor, Hotel management, leadership.

JOSEPH DIGREGORIO, A.O.S. (Culinary Inst.), Executive Chef and Lecturer, Quantity foods.

DEBORAH ELLINGSWORTH, B.A. (Delaware), Executive Sous Chef and Instructor, Food principles.

FRANCIS A. KWANSA, Ph.D. (Virginia Tech), Associate Professor, Financial management, managerial accounting.

JAMES A. LYNCH, M.B.A. (Delaware), General Manager and Lecturer, Quantity foods.

ROBERT R. NELSON, Ph.D. (Delaware), Associate Policy Scientist and Assistant Professor, Tourism development, food production, contracts.

ALI A. POORANI, Ph.D. (U.S. International), Associate Professor, Human resources management, organizational leadership.

PAUL J. SESTAK, B.S. (Drexel), Associate Professor, Hotel architecture, historic property restoration.

PAUL E. WISE, M.B.A. (Michigan State), Professor, Curriculum development in food and beverage management.

PATRICIA WOODWARD, B.A. (Mercyhurst College), Dining Room Manager.

Joint Appointment

Continuing Education: RICHARD B. FISCHER.

Individual and Family Studies

MICHAEK FERRARI, Ph.D. (Rutgers), Associate Professor and Chair, also Associate Professor, Psychology. Neuropsychology, brain injury, dementia research, rehabilitation.

AParna BAGDI, Ph.D. (Syracuse), Assistant Professor, Cultural diversity and early childhood.

MARTHA J. BUELL, Ph.D. (North Carolina), Associate Professor, Early childhood classroom quality and teacher professional development; work, family and college; and emergent literacy.

CLAYTONA J. DETAPA, M.Ed. (Penn State), Assistant Professor, Early childhood curriculum, early childhood teacher professional and development.

JANE I. DAVIDSON, M.S. (Delaware), Assistant Professor, Clinical Faculty. Masters teacher, play and literacy; technology in early childhood, University of Delaware Laboratory Preschool.

PENNY L. DEITNER, Ph.D. (Penn State), Professor, Family resilience and violence, children with special needs and their families.

NANCY J. EDWARDS, M.Ed. (Temple), Assistant Professor, Clinical Faculty. Math and science education. University of Delaware Laboratory Preschool.

ALICE P. EYMAN, M.A. (Columbia), Assistant Professor, also Director, University of Delaware Laboratory Preschool, and Coordinator, Student Teaching. Professional development, laboratory schools.

RUTH E. FLEURY, Ph.D. (Michigan State), Assistant Professor, Domestic violence.

NORMA GAINES-HANKS, Ed.D (Delaware), Assistant Professor, Clinical Faculty, Center for Community Development & Family Policy. Working with diverse populations, parental satisfaction with charter schools, value of mentorship for targeted gender and ethnic populations.

MICHAEL GAMEL-McCORMICK, Ph.D. (Virginia Commonwealth), Associate Professor, Early childhood development and education, intervention with special needs populations, program evaluation, qualitative analyses.

TAMARA K. HAEREVEN, Ph.D. (Ohio State), Unidel Professor of Family Studies; also Professor, History. Comparative family studies, family history, aging and the life course.

DENE G. 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 T. PALKOVITZ, Ph.D. (Rutgers), Professor, Father-child relations across the life span, parental development, life-span development.

DONALD L. PETERS, Ph.D. (Stanford), Amy Restow Professor, also Professor, Urban Affairs and Public Policy. Early childhood development and services, staff development, service program planning and evaluation.
AMY D. POSDON, M.Ed. (Towson State), Assistant Professor, Clinical Faculty. Infants and toddlers, University of Delaware Laboratory Preschool.

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.

BAHIRA SHERIF, PhD (University of Pennsylvania), Assistant Professor. Culturally diverse families, gender issues, intergenerational relationships.

DONALD G. UNGER, Ph.D. (South Carolina), Associate Professor. Social support and family coping, child and family intervention, teenage pregnancy, prevention and empowerment with families.

JULIE MAPES WILGEN, Ph.D. (Texas Tech), Assistant Professor. Human sexuality, lifespan development, family relationships, learning in community contexts.

Joint and Adjunct Appointments
Center for Counseling and Student Development: CHARLES L. BEALE, JOHN B. BISHOP, TIMOTHY F. BROOKS, EMILY F. CARTER, MERRIS A. HOLLINGSWORTH, JONATHAN D. LEWIS, SHARON L. MITCHELL, RICHARD S. SHARP, VIVIAN A. YAMADA.

Center for Teaching Effectiveness: JUDITH A. GREENE.

Food and Resource Economics: PATRICIA T. NELSON.

Sociology: SALLY BOULD.

Urban Affairs and Public Policy: KAREN CURTIS.

Urban Affairs and Public Policy

JEFFREY A. RAFFEL, Ph.D. (M.I.T.), Professor and Director, also Professor, Political Science and International Relations. Educational policy, policy analysis, urban management.

DAVID L. AMES, Ph.D. (Clark), Professor, also Director, Center for Historic Architecture and Design, and Professor, Geography. Historic preservation, urban geography, urban and regional planning.

MARIA P. ARISTIGUEUTA, D.P.A (Southern California), Assistant Professor, Administrative behavior, performance measurement, policy analysis, strategic management.

DEBORAH A. AUGER, Ph.D. (M.I.T.), Assistant Professor, also Assistant Professor, Political Science and International Relations. Public policy and administration, non-profit management, state and local government, U.S. social policy.

TIMOTHEY K. BARNEKOV, Ph.D. (Syracuse), Professor, also Director, Center for Community Development and Family Policy. Urban neighborhoods, business and urban policy, economic development policy.

JOHN M. BYRNE, Ph.D. (Delaware), Professor and Director, Center for Energy and Environmental Policy, also Professor, Marine Studies. Technology and environment, environmental justice, political economy, sustainable development.

LESLIE COOKSY, Ph.D. (Cornell), Assistant Professor. Human service programs, program evaluation, qualitative and quantitative methods.

KAREN A. CURTIS, Ph.D. (Temple), Associate Professor, also Associate Professor, Individual and Family Studies. Non-profit leadership in voluntary sector, applied research and public policy analysis, qualitative methods, program evaluation and evaluation research.

KATHRYN G. DENHARDT, Ph.D. (Kansas), Associate Professor. Collaborative decision making and conflict resolution, human resources management, ethics in public service.

JAMES P. FLYNN, Ed.D. (Delaware), Assistant Professor, also Internship Director. Personnel administration, quality improvement initiatives, educational governance, legislative management, professional development.

MARK W. HUDDLESTON, Ph.D. (Wisconsin), Professor, also Dean, College of Arts and Science, also, Professor, Political Science and International Relations.

RAHEEMAH IABBAR-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.

PAMELA LELAND, Ph.D. (Delaware), Assistant Professor, also Executive Director, Urban Affairs Association. 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, political leadership.

G. ARNO LOESSNER, Ph.D. (Pennsylvania), Assistant Professor: Fiscal and resource management, non-profit management, international comparative governance.

STEWEN W. PEQUET, Ph.D. (Pennsylvania), Assistant Professor: Strategic planning, housing, homelessness, electronic community networks, public policy analysis and evaluation.

EDWARD C. RATIVE, M.A. (Delaware), Associate Professor and Director, Center for Applied Demography and Survey Research. Management information systems, econometrics, criminal justice systems.

DANIEL RICH, Ph.D. (M.I.T.), Professor and Dean of the College of Human Services, Education and Public Policy, also Professor, Political Science and International Relations. Urban policy, energy and technology policy.

REBECCA SHEPPARD, M.A. (Delaware), Instructor. Historic preservation planning, 19th century rural landscape, history of women and African Americans.

PAUL L. SOLANO, Ph.D. (Maryland), Associate Professor, also Associate Professor, Political Science and International Relations. Financial administration and public finance, political economy, health policy.

RICHARD T. SYLVER, 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.

YOUNG-DOO WANG, Ph.D. (Delaware), Associate Professor: Energy and environmental 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.

ROBERT WARREN, Ph.D. (California, Los Angeles), Professor, also Professor, Political Science and International Relations. Urban and regional government, telecommunications policy, urban planning and development.

MARGARET S. WILDER, Ph.D. (Michigan), Professor, 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.

DANIEL JANICH, Ph.D. (Delaware), Associate Professor: Criminal justice policy, media and public policy, international comparative governance.

Joint and Adjunct Appointments

Art Conservation: CHANDRA REEDY.

Art History: BERNARD L. HERMAN.

Black American Studies: JAMES E. NEWTON.

Consumer Studies: AUDREY L. HELFMAN.

Economics: WILLIAM R. LATHAM, III.

Food and Resource Economics: THOMAS W. ILVENTO, PATRICIA T. NELSON.

Geography: YDA SCHREUER, 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 KEMPTON, ROBERT W. KNECHT

Philosophy: PAUL T. DURBIN

Political Science and International Relations: MARK W. HUDDLESTON, JANET B. JOHNSON, MARIAN PALLEY, JOSEPH B. PIKA, 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; also Associate Professor, Animal and Food Sciences: Nutritional biochemistry of bivalve molluscs; nutritional evaluation and preservation of fish.

NANCY M. TARGETT, Ph.D. (Maine), Professor and Associate Dean: Chemical/biological interactions in the marine environment; chemical ecology; antifouling mechanisms in marine organisms.

LEE G. ANDERSON, Ph.D. (Washington), Professor and Director, Marine Policy Program; also Professor, Economics: Economics of commercial and recreational fisheries management.

MOHSEN BADEIY, Ph.D. (Miami), Associate Professor, also Associate Professor, Civil and Environmental Engineering: Analytical and numerical modeling of geoaoustic and geophysics; seabed, laboratory and in-situ measurements related to seismo-acoustics problems.

KATHARINA BILLUPS, Ph.D. (California, Santa Cruz), Assistant Professor: Paleoceanography, geochemistry, climate change.

JANET B. JOHNSON, MARIAN PALLEY, JOSEPH B. PIKA, HENRY T. REYNOLDS, RICHARD T. SYLVES

T. REYNOLDS, RICHARD T SYLVES, W. KNECHT, PETERS, DONALD UNGER

THEODORE D. TOMASI, Ph.D. (Michigan), Associate Research Scientist: Marine transportation, energy and environment, intermodal freight transport, global climate change, air emissions, pollution.

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 J. 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: Application of remote sensing to land surface climate studies, microclimatology of land surfaces.

PATRICK M. GAFNEY, Ph.D. (SUNY, Stony Brook), Associate Professor: Genetics of marine organisms; aquacultural genetics.

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.

I. PABLO HUQ, Ph.D. (Cambridge), Associate Professor; also Associate Professor, Mechanical Engineering: Turbulence in the environment; stratified flow phenomena; experimental fluid mechanics.

DAVID A. HUTCHINS, Ph.D. (California, Santa Cruz), Associate Professor: Effects of nutrient cycling on marine phytoplankton productivity, dynamics of pollutants within marine food web.

WILLETT M. KEMPTON, Ph.D. (Texas, Austin), Associate Professor; also Associate Professor, Urban Affairs and Public Policy: Human dimensions of marine and environmental policy.

DAVID L. KIRCHMAN, Ph.D. (Harvard), M.P. AND M.H. HARRINGTON, Professor: Biochemical microbiology; marine microbial ecology; oceanography.

AD R. KIRWIN, JR., Ph.D. (Texas A&M), Professor; 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. (Technical University of Braunschweig), Professor; also Director, Center for Remote Sensing; also Professor, Electrical and Computer Engineering: Remote sensing of marine and coastal resources; environmental monitoring and data management; optical physics.

BRUCE L. LIPPHARDT, JR., Ph.D. (Old Dominion), Associate Research Scientist: Dynamics of mesoscale and submesoscale processes in the coastal ocean.

GEORGE W. LUTHER III, Ph.D. (Pittsburgh), Professor, also Professor, Chemistry and Biochemistry and Professor, Civil and Environmental Engineering: Marine chemistry; element redox cycles; inorganic and organic sulfur cycling.

GERARD L. MANGONE, Ph.D. (Harvard), University Research Professor: Maritime and international law; shipping, ports, marine minerals policies.

ADAM G. MARSH, Ph.D. (Maryland), Assistant Professor: Protein metabolism during development in marine invertebrates.

DOUGLAS C. MILLER, Ph.D. (Washington), Associate Professor: Deposit-feeding strategies; trophic interactions among organisms; organism-flow-sediment interactions.

YONGKE MU, Ph.D. (Delaware), Associate Research Scientist: Ocean acoustics, sediment acoustics and experimental data analysis, acoustics inversion techniques.

ANDREAS K. MUECHEN, Ph.D. (Delaware), Associate Professor: Coastal physical oceanography, arctic oceanography.

ETHAN R. PARSONS, Ph.D. (Wisconsin), Associate Professor; also Associate Professor, Economics: Environmental and natural resource economics; coastal zone management.

DENISE M. SELISKAR, Ph.D. (Delaware), Research Scientist: Dune and wetland plant physiological ecology; tissue culture of dune plants.

JONATHAN H. SHARP, Ph.D. (Dalhousie), Professor: Marine organic chemistry; phytoplankton physiology; estuarine and coastal biological chemistry.

CHRISTOPHER K. SOMMERFIELD, Ph.D. (SUNY, Stony Brook), Assistant Professor: Marine sedimentary processes, seismic stratigraphy, fluvial hydrology.

TIMOTHY E. TARGETT, Ph.D. (Maine), Professor: Ecology of estuarine and coastal marine fishes; physiological ecology of feeding, digestion, growth, trophic biology; energetics.

THEODORE D. TOMASI, Ph.D. (Michigan), Research Scientist: Natural resource and environmental economics, valuing environmental goods, growth and sustainability, nonpoint pollution.

WILLIAM J. ULLMAN, Ph.D. (Chicago), Professor; also Professor, Geology: Geochemical cycles; rock/water interactions; coastal, estuarine, and nearshore processes.

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FERRIS WEBSTER, Ph.D. (M.I.T.), Professor, also Director,
Oceanography Program. The role of the ocean in climate variability;
oceanographic data processing
KUO-CHUIN WONG, Ph.D. (SUNY, Stony Brook), Professor. Physical
oceanography; estuarine and coastal dynamics; time series analysis.
XIAO-HAI YAN, Ph.D. (SUNY, Stony Brook), Professor. Satellite
oceanography; remote sensing modeling and prediction of air-sea
exchange, mixed layer, wind, heat flux and ocean circulation; image
processing

Joint and Adjunct Appointments

Economics: RICHARD J. AGNELLO
Electrical and Computer Engineering: GONZALO R. ARCE, CHARLES S. H.
Geography: TRACY L. DELIBERTY, CORT J. WILLMOTT.
Geology: BILLY P. GLASS, JOHN C. KRAFT, JOHN A. MADSEN,
RONALD E. MARTIN, SUSAN McGEARY, JOHN F. WEHMILLER.
Plant and Soil Sciences: BERTRAND R. LEMIEUX, DONALD L. SPARKS,
ERIC WOMBACK.
Political Science and International Relations: JAMES K. OLIVER,
MARIAN L. PALLEY, RICHARD T. SLYVES.

University Parallel Program: LAWRENCE A. CURTIS

Urban Affairs and Public Policy: JOHN M. BYRN

Adjunct Faculty: JOHN R. APEL, RICHARD B. COFFEN, MICHAEL D.
COLLINS, JAMES CREASE • ROBERT G. DEAN, MARILYN L.
FOEG, PAUL A. GRECAY, THOMAS E. HELSER, NORDEN E.
HUANG, TIMOTHY D. NICKELS, ANTHONY H. KAP, DAVID E.
KRANTZ, KAMELISH LULLA, EVELYN M. MAURMEYER,
WILLIAM H. MEREDITH, DONALD B. NUZZO, JAMES C. PIERCE,
PAMELA T. PLATKIN, ANDREW C. POJE, KENT S. PRICE,
ANTHONY P. PRATT, ALAIN J. VERON, PAUL L. WOLF.

FACULTY EMERITI

EDWARD P. ALEXANDER, Ph.D. (Columbia), Professor Emeritus of
Museum Studies.
LERoy BANKS ALLEN, Ph.D. (Chicago), Professor Emeritus of
Education.
MARGARET P. ALLEN, M.F.A. (Washington), Associate Professor Emerita
of Art
VAL E. ARNSDORF, Ph.D. (Minnesota), Professor Emeritus of Education
GEORGE BASALLA, Ph.D. (Harvard), Professor Emeritus of History.
WILLARD E. BAXTER, Ph.D. (Pennsylvania), Professor Emeritus of
Mathematical Sciences.
JOHN J. BEER, Ph.D. (Illinois), Associate Professor Emeritus of History,
Also Associate Professor Emeritus of Chemistry.
A. LEROY BENNETT, Ph.D. (Illinois), Professor Emeritus of Political
Science and International Relations.
WILLIAM J. BENTON, D.V.M., Ph.D. (Delaware), Professor Emeritus of
Animal and Food Sciences.
CATHERINE V. BIEBER, M.S (Delaware), Professor Emerita of Human
Resources.
DANIEL P. BIEBUCK, (State University, Ghent, Belgium), H. Rodney
Sharp Professor Emeritus of Anthropology and Humanities.
S. ALEXANDER BILLON, Ph.D. (Michigan State), Professor Emeritus of
Business Administration.
KENNETH B. BISCHOFF, Ph.D. (Illinois Institute of Technology), Unidel
Professor Emeritus of Biomedical and Chemical Engineering.
KARL W. BOER, Ph.D. (Humboldt), Distinguished Professor Emeritus of
Physics and Solar Energy.
ELAINE BOETTCHER, M.S (Delaware), Associate Professor Emerita of
Nursing.

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.
DALE F. BRAY, Ph.D. (Rutgers), Professor Emeritus of Entomology and
Applied Ecology.
THOMAS W. BROCKENBROUGH, S.M. (M.I.T.), Professor Emeritus of
Civil and Environmental Engineering.
JOHN A. BROWN, Ph.D. (Wisconsin), Professor Emeritus of Education.
PAUL P. BURBUTIS, Ph.D. (Rutgers), Professor Emeritus of Entomology
And Applied Ecology.
HENRY L. Cady, Ph.D. (Kansas), Professor Emeritus of Music.
MELBOURNE R. CARRICKER, 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.
GERALD L. COLE, Ph.D. (Michigan State), Professor Emeritus of Food
And Resource Economics.
CHARLES B. COOPER, Ph.D. (Maryland), Professor Emeritus of Physics
And Astronomy.
MAURICE E. COPE, Ph.D. (Chicago), Professor Emeritus of Art History.
RENE COULET DU GARD, D.D. 'UN (Besancon, France), Professor
Emeritus of Foreign Languages and Literatures.
ROGER L. COX, Ph.D. (Columbia), Professor Emeritus of English.
R. WAYNE CRAVEN, Ph.D. (Columbia), H. F. du Pont Professor Emeritus of
Art History.
JOHN S. CRAWFORD, Ph.D. (Harvard), Professor Emeritus of Art History.
HENRY W. CRITTENDEN, Ph.D. (Ohio State), Professor Emeritus of Plant
And Soil Sciences.
DONALD F. CROSSAN, Ph.D. (North Carolina State), Professor Emeritus of
Plant and Soil Sciences.
GERALD R. CULLEY, Ph.D. (North Carolina), Associate Professor
Emeritus of Foreign Languages and Literatures; also Associate Professor
Emeritus of Comparative Literature.
J. BARRY CULLINGWORTH, M.R.P.I., F.R.S.A., Unidel Professor Emeritus
Of Urban Affairs and Public Policy; also Professor Emeritus of
Geography.
PAUL A. CUNDIFF, Ph.D. (Cornell), H. Rodney Sharp Professor Emeritus
Of English.
JULIO De CUNHA, M.F.A. (Cranbrook Academy of Fine Arts), Professor
Emeritus of Art, also Professor Emeritus, University Honors Program.
FRANKLIN C. DAIBER, Ph.D. (Ohio State), Professor Emeritus of the
College of Marine Studies; also Professor Emeritus of Biological
Sciences.
JAMES E. DANBERG, Ph.D. (Catholic University of America), Professor
Emeritus of Mechanical Engineering.
WILLIAM B. DANIELS, Ph.D (Case), Professor Emeritus of Physics and
Astronomy.
HILDA DAVIS, Ph.D (Chicago), Lecturer Emerita of English.
JOHN M. DAWSON, Ph.D (Chicago), Professor Emeritus, Library.
ROBERT A. DAY, M.S (Columbia), Professor Emeritus of English.
ANNA JANNEY DeARMOND, Ph.D (Pennsylvania), Professor Emerita of
English.
ANNA LEE DeHAVEN, Ph.D. (Maryland), Professor Emerita of Nursing
FRANK B. DILLEY, Ph.D. (Columbia), Professor Emeritus of Philosophy.
DON DENNIS, Ph.D. (Brandeis), Professor Emeritus of Chemistry and Biochemistry.
ALEXANDER R. DOBERENZ, Ph.D. (Arizona), Professor Emeritus of Nutrition and Dietetics.
CHARLES W. DUNHAM, Ph.D. (Michigan State), Professor Emeritus of Plant and Soil Sciences.
RUSSELL R. DYNES, Ph.D. (Ohio State), Professor Emeritus of Sociology and Criminal Justice.
MARY ANNE EARLY, M.S. (Pennsylvania), Associate Professor Emerita of Nursing.
ROBERT M. EISENBERG, Ph.D. (Michigan), Associate Professor Emeritus of Biological Sciences.
JOACHIM G. ELTERICH, Ph.D. (Michigan State), Professor Emeritus of Food and Resource Economics.
EDWARD A. FAGEN, Ph.D. (Pittsburgh), Associate Professor Emeritus of Electrical and Computer Engineering.
SYLVIA FARNHAM-DIGGORY, Ph.D. (Pennsylvania), H. Rodney Sharp Professor Emerita of Education.
EUGENE S. FERGUSON, M.S. (Iowa State), Professor Emeritus of History.
W. BRUCE FINNIE, Ph.D. (Ohio State), Professor Emeritus of English.
WILLARD ALLEN FLETCHER, Ph.D. (Pennsylvania), Professor Emeritus of History.
RICHARD E. FOWLER, Ph.D. (Maryland), Associate Professor Emeritus of Animal and Food Sciences.
JEAN H. FUTRELL, Ph.D. (California, Berkeley), Professor Emeritus of Chemistry and Biochemistry.
MILDRED M. GADDIS, M.A. (Columbia), Associate Professor Emerita of Music.
EDELTRAUT GILGENAST, M.A. (Middlebury), Assistant Professor Emerita of Foreign Languages and Literatures.
HELEN GOULDNER, Ph.D. (California), Professor Emerita of Sociology and Criminal Justice.
ANNE K. GRAHAM, M.F.A. (Iowa), Professor Emerita of Art.
FRANCES K. GRAHAM, Ph.D. (Yale), Professor Emerita of Psychology.
ALLEN M. GRANDA, Ph.D. (Brown), Professor Emeritus of Biological Sciences.
IRWIN G. GREENFIELD, Ph.D. (Pennsylvania), Unidel Professor Emeritus of Engineering.
JOHN J. GROOT, Ph.D. (Amsterdam), Professor Emeritus of Delaware Geological Survey and Geology.
GEORGE F.W. HAENLEIN, Ph.D. (Wisconsin), Professor Emeritus of Animal and Food Sciences.
ARTHUR HALPRIN, Ph.D. (Pennsylvania), Professor Emeritus of Physics and Astronomy.
ROBERT HANNAH, M.E. (Delaware), Professor Emeritus of Health and Exercise Sciences.
HOWARD H. HARLAN, Ph.D. (Virginia), Professor Emeritus of Sociology and Criminal Justice.
ROBERT N. HILL, Ph.D. (Yale), Professor Emeritus of Physics and Astronomy.
ROBERT HOGENSON, Ph.D. (Michigan State), Professor Emeritus of Music.
SVEND E. HOLSOE, Ph.D. (Boston University), Associate Professor Emeritus of Anthropology.
WILLIAM I. HOMER, Ph.D. (Harvard), Professor Emeritus of Art History.
HARRY D. HUTCHINSON, Ph.D. (Michigan), Professor Emeritus of Economics.
CHARLES ROBERT KASE, Ph.D. (New York University), Professor Emeritus of Theatre.
JOYCE L. KEE, M.S. (Maryland), Associate Professor Emerita of Nursing.
BARBARA J. KELLY, Ph.D. (Delaware), Professor Emerita of Health and Exercise Sciences.
DOROTHY A. KENNEDY, M.A. (Columbia), Associate Professor Emerita of Nursing.
ROBERT W. KEOWN, Ph.D. (Louisville), Professor Emeritus of Animal and Food Sciences.
EDWARD H. KERNER, Ph.D. (Cornell), Professor Emeritus of Physics and Astronomy.
WALTER KIRCHNER, Ph.D. (California, Los Angeles), H. Rodney Sharp Professor Emeritus of History.
JOHN J. KRAMER, Ph.D. (Carnegie Institute of Technology), Professor Emeritus of Electrical and Computer Engineering.
JAMES R. KRAM, D.B.A. (Michigan State), Professor Emeritus of Business Administration.
HENRY N. LEE, JR., M.A. (Columbia), Associate Professor Emeritus of Music.
CHARLES M. LESLIE, Ph.D. (Chicago), Professor Emeritus, College of Arts and Science.
BERTRAM LEVIN, Ph.D. (Wisconsin), Professor Emeritus of Economics.
RICHARD I. LIBERA, Ph.D. (Rutgers), Professor Emeritus of Mathematical Sciences.
TAL LIU, Ph.D. (Indiana), Professor Emeritus of History.
LOUlse LITTLE, Ph.D. (Wisconsin), Associate Professor Emerita of Nutrition and Dietetics.
ALBERT E. LIVINGSTON, Ph.D. (Rutgers), Professor Emeritus of Mathematical Sciences.
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.
PETER J. McCARTHY, Ph.D. (Catholic University of America), Professor Emeritus of Music.
ANNE A. McCOURT-LEWIS, Ph.D. (Syracuse), Associate Professor Emerita of Education.
WALLACE H. McCURDY, JR., Ph.D. (Illinois), Associate Professor Emeritus of Chemistry and Biochemistry.
JOHN D. MEAKIN, Ph.D. (Leeds), Professor Emeritus of Mechanical Engineering.
JAMES B. MEHL, Ph.D. (Minnesota), Professor Emeritus of Physics and Astronomy.
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CATHARINE COLBERT, B.S.N., R.N.C. (Delaware), University Nurse.
JOAN DINE, A.D.N. (Del Tech), University Nurse.
VINCENT DISABELLA, D.O. (Philadelphia College of Osteopathic Medicine), University Physician SMC.
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MELISSA SCOTT, R.N. (Nursing School of Wilmington), University Nurse.
LISA I. SINCLAIR, R.N.C. (Lankenau Hospital), University Nurse.
NANCY M. SMALLWOOD, R.N., A.P.N. (Delaware), Nurse Practitioner.
SHERYL WHITLOCK, M.A.M.T., A.S.C.P. (LaSalle), Coordinator, Laboratory Services.
MARY L. ZAGAR, R.N.C. (Geisinger Medical Center), University Nurse, Sports Medicine Clinic.

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