The Center for Volunteer Development at Virginia Tech is a linking agency that seeks, in collaboration with Virginia's other voluntary/human service agencies, to link the problems (concerns) of volunteers and voluntary associations to the expertise of the faculty and staff members of Virginia Tech (and Virginia's other postsecondary institutions) who are willing to respond to problems of volunteers and voluntary associations. The Center performs this linking function through the use of the Extension network—local extension agents and Volunteer Specialists. It is through this linking that the Center seeks to increase the efficiency and effectiveness of the volunteering community.

The persons listed in this directory have voluntarily responded to a survey conducted by the staff of the Center for Volunteer Development to determine their professional skills and volunteer interests. The fact that an individual is listed in the directory does not constitute an endorsement of the Center or recommendation by the Center for Volunteer Development. Neither does inclusion in the directory constitute or infer an obligation or contractual arrangement between the Center and the individuals listed.
DIRECTORY
OF
FACULTY EXPERTISE
FOR
VIRGINIA TECH

Edited by
Oscar M. Williams
and
Lawrence O. Robinson

September 1981
Second Edition

Center for Volunteer Development
Extension Division
Virginia Polytechnic Institute and State University
Blacksburg, Virginia
FOREWORD

Volunteers seeking to improve their organizations and communities as individuals and/or groups often face concerns beyond their experiential and educational means to resolve. Countless such groups have been forced to alter or terminate their "good" efforts because they could not afford high priced consultant's fees or just the actual expenses of professionals who were willing to voluntarily give of their time and energies. Now these groups may turn to their local county Extension agent for access to the academic community to help with their problems. This Directory of Faculty Expertise provides a means to readily identify faculty and staff at Virginia Tech who possess the narrow expertise in various areas volunteers may need help.

The editor and staff of the Center for Volunteer Development gratefully acknowledge the cooperation of the faculty who responded to our survey, thus providing information for inclusion in this Directory. Also, sincere appreciation is extended to Winston S. Moody who categorized the expertise, and to Teresa M. Hypes whose editing and typing skills made this publication possible.
INTRODUCTION

The purpose of this directory is to provide a listing of the expertise of the faculty of Virginia Polytechnic Institute and State University. It is intended for primary use by the Center for Volunteer Development (CVD), volunteering community, and faculty and staff of the University. The directory was compiled from questionnaire information and includes only those faculty members who responded prior to March 1981.

A listing in this directory does not necessarily mean the individual is available for outside consulting, special projects, or extension activities. Prior commitments, scheduling difficulties, and personal interests may preclude involvement of some faculty. It is suggested that requests from outside the University for faculty expertise be channeled through the Center for Volunteer Development to determine availability of faculty, provide appropriate planning of activities, as well as to identify additional sources of expertise.

The directory is divided into three sections. The first section is an alphanumerical listing which lists the individuals alphabetically with an assigned index number. This listing includes all of the pertinent information supplied by the faculty member.

The second section is an index by field of specialization. This index attempts to categorize wording supplied by the faculty member and to
cross-reference closely related fields. The third section is an index of volunteer expertise and interest. This index, too, attempts to categorize wording supplied by the faculty member.

However some editorial judgment was used to limit the number of categories and to match individual specialties with these categories. Therefore, the user should carefully search the index to locate all categories which might include a particular specialty.

Every effort has been made to prepare an errorless directory. However, if any errors or omissions are found, please notify the Center for Volunteer Development.
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ALPHA-NUMERICAL LISTING
FACULTY NUMBER 001

Acock, Alan C.
Associate Professor
Sociology
656 McBryde Hall
961-5341

EXPERTISE:
Social Psychology
Sociology of the Family
Research Methods

FACULTY NUMBER 002

Adriance, Thomas J.
Assistant Professor
History
560B McBryde Hall
961-5332

EXPERTISE:
European History
Modern France
French Revolutionary & Napoleonic Eras
Modern European Military History

FACULTY NUMBER 003

Akins, Robert E.
Assistant Professor
Engineering Science & Mechanics
220 Norris Hall
961-6744

EXPERTISE:
Wind Loading of Structures
Wind Power Applications
Atmospheric Dispersal of Pollutants

FACULTY NUMBER 004

Alexander, S. A.
Assistant Professor
Plant Pathology & Physiology
101L Price Hall
961-5030

EXPERTISE:
Forest Pathology
Tree Diseases
Pest Management
Plant Disease Epidemiology

FACULTY NUMBER 005

Allen, C. Dean
Professor & Extension Leader
4-H
119 Hutcheson Hall
961-6373

FACULTY NUMBER 006

Allred, Richard D.
Instructor
Business Administration
White House, Room 202
961-7700

EXPERTISE:
Taxation
Corporate Law
Bankruptcy

FACULTY NUMBER 007

Amateis, Ralph L.
Research Associate
Forestry & Forest Products
304 Cheatham Hall
961-7268

EXPERTISE:
Data Acquisition & Analysis/Trees
Computer Modeling

FACULTY NUMBER 008

Anderson, Bruce M.
Professor
Biochemistry & Nutrition
113 Biochemistry Building
961-6315

EXPERTISE:
Biochemistry
Enzymology
Pyridine Nucleotide Chemistry

FACULTY NUMBER 009

Anderson, Paul F.
Associate Professor
Marketing
202D Pamplin Hall
961-5062

EXPERTISE:
Marketing
Industrial Leasing
Financial Aspects of Marketing
Organizational Buying Behavior
Marketing Strategy

FACULTY NUMBER 010

Andrew, Loyd D.
Associate Professor
EXPERTISE:
Marketing of Higher Education
Private Higher Education
Financing of Higher Education
Administration of Higher Education

VOLUNTEER INTEREST AND EXPERIENCE:
Health Service Agencies
Mental Health Education

FACULTY NUMBER 011
Axelson, Jolein M.
Assistant Professor
Human Nutrition & Foods
302B Wallace Hall
961-6785

EXPERTISE:
Home Preparation
Preservation of Foods
Food Additives
Food Legislation & Regulation
Nutrition Education

FACULTY NUMBER 012
Axelson, Leland J.
Professor
Management, Housing, & Family Development
126 Jackson Street
961-7210

EXPERTISE:
Family Sociologist

FACULTY NUMBER 013
Baehr, Stephen
Associate Professor
Humanities/Foreign Languages
101A Holden Hall
961-5140

EXPERTISE:
Russian Literature
Russian Culture
Russian Language

FACULTY NUMBER 014
Baird, Donald G.
Associate Professor
Chemical Engineering
128 Randolph Hall
961-5998

EXPERTISE:
Polymer Processing
Food Processing
Suspension Rheology
Non-Newtonian Fluids

FACULTY NUMBER 015
Baker, Jerry L.
Assistant Professor
Agricultural Engineering
214 Seitz Hall
961-6090

EXPERTISE:
Agricultural Processing
Crop Drying
Biomechanics of Animal Tissue
Cooperative Education
Food Texture Measurement

FACULTY NUMBER 016
Bambach, Richard
Associate Professor
Geological Sciences
3046A Derring Hall
961-5401

EXPERTISE:
Paleozoic Fossils
Paleogeography
Paleozoic Stratigraphy
Paleoecology

FACULTY NUMBER 017
Barclay, Nancy A.
Professor
Management, Housing, & Family Development
224 Wallace Hall
961-6163

EXPERTISE:
Home Management
Household Equipment
Family Economics
Consumer Education

FACULTY NUMBER 018
Barden, John A.
Associate Professor
Horticulture
249 Smyth Hall
961-5244

EXPERTISE:
Fruit Tree Production
Fruit Physiology
Photosynthetic Efficiency
Apple Rootstocks, varieties
FACULTY NUMBER 019

Barr, Marleen
Assistant Professor
English
304 Williams Hall
961-5824

EXPERTISE:
American Literature
Science Fiction
Women & Literature
Women's Private Genres

FACULTY NUMBER 020

Baumes, Harry
Assistant Professor
Agricultural Economics
202 Hutcheson Hall
961-5738

EXPERTISE:
Marketing (Fruits & Grains)
Price & Demand Analysis
Agricultural Policy Analysis
Quantitative Methods

FACULTY NUMBER 021

Baumgartner, Frederick J.
Associate Professor
History
504 McBryde Hall
961-5307

EXPERTISE:
Sixteenth Century France
Church History
History of Political Thought
Military History 1300-1750
Weapons Development

VOLUNTARY INTEREST AND EXPERIENCE:
Church Governance

FACULTY NUMBER 022

Beal, Wilfred E.
Assistant Professor
Animal Science
26D Agnew Hall
961-5134

EXPERTISE:
Female Reproductive Physiology
Animal Physiology & Endocrinology
Swine Breeding Herd Management
Reproductive Experimental Surgical & Lab Techniques

FACULTY NUMBER 023

Beams, Floyd A.
Professor
Accounting
317 Pamplin Hall
961-6588

EXPERTISE:
Accounting for Business
Inflation Accounting
Non-Profit Organization Accounting

FACULTY NUMBER 024

Bedard, Roger L.
Assistant Professor
Theatre Arts
211 Performing Arts Bldg.
961-7624

EXPERTISE:
Theatre for Children
Drama in the Classroom
Dramatic Literature for Children
Puppetry

FACULTY NUMBER 025

Bedford, Mary Ruth
Associate Professor
Human Nutrition & Foods
326 Wallace Hall
961-6783

EXPERTISE:
Dietetics
Dietetic Education
Food Service Management

FACULTY NUMBER 026

Bell, James B.
Professor
Agricultural Economics
307 Hutcheson Hall
961-6302

EXPERTISE:
Agricultural Cooperatives
Agribusiness Management
Agricultural Marketing
Organization of Agricultural Enterprises

FACULTY NUMBER 027

Bell, Norris
Associate Professor
Donaldson Brown Center for Continuing Education
141 Continuing Educ. Center
961-6208
EXPERTISE:
Conference Planning, Budgeting, Evaluation
Organizational Management
Theory & Methodology of Continuing & Adult Education
Administration of Community Colleges

FACULTY NUMBER 028
Bennett, A. W.
Professor
Electrical Engineering
144 Whittemore Hall
961-5961

EXPERTISE:
Digital Systems Design
Digital Computer Systems
Computer Simulation
Process Control

FACULTY NUMBER 029
Bentley, Ernest
Assistant Professor
Agricultural Economics
305A Hutcheson Hall
961-7726

EXPERTISE:
Farm Management
Computerized Management Aids
Livestock Production
Fertilizer Response

FACULTY NUMBER 030
Berns, Robert G.
Assistant Professor
Vocational & Technical Education
210 Lane Hall
961-5191

EXPERTISE:
Distributive Education
Vocational Education
Curriculum Development
Student Youth Organizations

VOLUNTARY INTEREST AND EXPERIENCES:
Student Youth Organizations

FACULTY NUMBER 031
Bird, Gerald
Assistant Professor
Management, Housing, & Family Development
235 Wallace Hall
961-6677

EXPERTISE:
Financial Management
Dual-Career Families

FACULTY NUMBER 032
Bird, Gloria W.
Assistant Professor
Management, Housing, & Family Development
205 Wallace Annex
961-6526

EXPERTISE:
Dual-Career Families
Employed Women
Male & Female Sex Roles
Aging

FACULTY NUMBER 033
Blanton, John C.
Instructor
Mechanical Engineering
106 Randolph Hall
961-7468

EXPERTISE:
Thermodynamics & Fluid Flow
Gas Turbine Theory & Practice
Heat Transfer

FACULTY NUMBER 034
Blaser, Roy E.
Professor
Agronomy
236 Smyth Hall
961-6482

EXPERTISE:
Forage-Animal Management Systems
Erosion

FACULTY NUMBER 035
Blaylock, Bruce K.
Assistant Professor
Management Science
107 Pamplin Hall
962-5804

EXPERTISE:
Problem-Solving Skills
Decision Systems
Risk Perception
FACULTY NUMBER 036

Blum-West, Dina
Instructor
Communication Studies
201 Price House
961-6507

EXPERTISE:
Speech Pathology
Handicapped Populations
High Risk Infants
Language Development in Children

FACULTY NUMBER 037

Borko, Hilda
Assistant Professor
Education
304 War Memorial Gym
961-5122

EXPERTISE:
Educational Program Evaluation
Evaluation of Instruction
Teacher Education

FACULTY NUMBER 038

Bostian, Charles W.
Professor
Electrical Engineering
219 Whittemore Hall
961-6834

EXPERTISE:
Satellite Communications
Radio Wave Propagation
Antennas
Radio System Design

FACULTY NUMBER 039

Bovard, Kenley P.
Associate Professor
Animal Science
22 Agnew Hall
961-5134

EXPERTISE:
Beef Cattle
Inbreeding in Beef Cattle
Computer Programming

VOLUNTEER EXPERIENCE AND INTEREST:
Boy Scouts: Camping, Cooking, Hiking
Mental Retardation

FACULTY NUMBER 040

Bowen, Samuel P.
Associate Professor
Physics
119 Robeson Hall
961-5036

EXPERTISE:
Energy Use
Energy Conservation
Energy Resources
Solid State Physics
Biophysics

FACULTY NUMBER 041

Braden, Roberts A.
Director
Instructional Development Division
133 McBryde Hall
961-5879

EXPERTISE:
Instructional Technology
Techniques of College Teaching
Instructional Visuals
Systematic Design of Instruction

FACULTY NUMBER 042

Brant, William L.
Professor
Agricultural Economics
303D Hutcheson Hall
961-5739

EXPERTISE:
Farm Management
Farm Planning
Record Analysis
Production Economics

VOLUNTEER INTEREST AND EXPERIENCE:
Resource person to groups needing agricultural expertise in reaching decisions

FACULTY NUMBER 043

Brinson, Halbert F.
Professor
Engineering Science & Mechanics
326 Norris Hall
961-6627

EXPERTISE:
Stress Analysis
Polymers & Composites
Viscoelasticity
Testing Stress Properties
Failure & Fracture Mechanics

Now in California
FACULTY NUMBER 044

Broderick, John
Assistant Professor
Physics
317 Robeson Hall
961-5321

EXPERTISE:
Telescopes
Astronomy
Radiotelescopes
Extraterrestrial Intelligence

FACULTY NUMBER 045

Brown, Ezra A.
Assistant Professor
Mathematics
568 McBryde Hall
961-5280

EXPERTISE:
Mathematics, Theory of Numbers
Graph Theory
Mathematical Models
Edward Kennedy (Duke) Ellington Music

FACULTY NUMBER 046

Brumback, Thomas B., Jr.
Assistant Professor
Agronomy
365 Smyth Hall
961-6485

EXPERTISE:
Agricultural Climatology
Climatic Inputs on Agriculture
Crop Micro Climates
Weather Instrumentation

FACULTY NUMBER 047

Buikema, Arthur L.
Professor
Biology
1000 Derring Hall
961-5180

EXPERTISE:
Aquatic Toxology
Zooplankton Biology
Effects of Hazardous Chemicals

VOLUNTEER INTEREST AND EXPERIENCE:
Water Pollution
Impact of Toxicants on Aquatic Ecosystem
Toxicity Test Methods
Water Quality Criteria

FACULTY NUMBER 048

Burge, Penny L.
Assistant Professor
Home Economics Education
200 Lane Hall
961-5377

EXPERTISE:
Home Economics Education
Vocational Education

VOLUNTEER INTEREST AND EXPERIENCE:
Planned Parenthood
Head Start

FACULTY NUMBER 049

Burkhart, Harold E.
Professor
Forestry
319 Cheatham Hall
961-6952

EXPERTISE:
Forest Inventory
Forest Growth Prediction

FACULTY NUMBER 050

Burkhart, Velda B.
Associate Professor
University Libraries
208 Carol Newman Library
961-6737

EXPERTISE:
Library Science
Classification & Cataloging of Library Materials

FACULTY NUMBER 051

Burns, John Allen
Associate Professor
Mathematics
440 McBryde Hall
961-5279

EXPERTISE:
Control Theory
Differential Equations
System Identification
Functional Differential Equations

FACULTY NUMBER 052

Burnsed, Vernon
Assistant Professor
Performing Arts & Communication
305 Performing Arts Building
EXPERTISE:
Music Education
Instrumental Music
Middle School Music
Jazz/Improvisation

FACULTY NUMBER 053
Buss, Glenn R.
Associate Professor
Agronomy
328 Smyth Hall
961-6483

EXPERTISE:
Plant Breeding & Genetics
Soybean Breeding
Soybean Varieties

FACULTY NUMBER 054
Byers, Elizabeth S.
Instructor
English
110E Williams Hall
961-5986

EXPERTISE:
English Compositions
Resume & Letters of Application

VOLUNTEER INTEREST AND EXPERIENCE:
Church
Meals on Wheels
Friend of Library

FACULTY NUMBER 055
Cairns, John, Jr.
Professor
Biology
1020 Derring Hall
961-5538

EXPERTISE:
Environmental Quality
Hazard Evaluation of Toxic Chemicals
Rehabilitation of Damaged Ecosystems
Biological Monitoring

FACULTY NUMBER 056
Capps, Oral
Assistant Professor
Agricultural Economics
301B Hutcheson Hall
961-6844

EXPERTISE:
Econometric Analysis
Demand & Price Analysis
Energy Issues

FACULTY NUMBER 057
Carter, Dean
Professor
Art
21A Owens Hall
961-5547

EXPERTISE:
Sculpture
Art

FACULTY NUMBER 058
Carter, Margery E.
Associate Professor
Bacteriology
105 University City Office
961-7174

EXPERTISE:
Veterinary Microbiology

VOLUNTEER INTEREST AND EXPERIENCE:
New Zealand
Geology/Agriculture

FACULTY NUMBER 059
Chappell, William E.
Professor
Plant Pathology & Physiology
416 Price Hall
961-5789

EXPERTISE:
Plant Growth with Herbicides
Vegetation Management
No-tillage Crop Production

FACULTY NUMBER 060
Chen, Dan
Assistant Professor
Electrical Engineering
332 Whittemore Hall
961-7790

EXPERTISE:
Power Electronics
Magnetics
Motor Control
Computer Simulation
FACULTY NUMBER 061

Chen, Jiann Shin
Assistant Professor
Anaerobic Microbiology
Anaerobe Laboratory
961-7129

EXPERTISE:
- Biological Nitrogen Fixation
- Hydrogen Metabolism in Micro-organisms
- Hydrogenase
- Electron Carriers of Low Oxidation-Reduction Potential

FACULTY NUMBER 062

Chiang, Robert N. S.
Professor
Architecture & Urban Design
202E Cowgill Hall
961-5456

EXPERTISE:
- Energy Conservation
- Passive Solar Energy Applications
- Domestic Solar Hot Water Heating Design
- Energy Conscious Building Design

VOLUNTEER INTEREST AND EXPERIENCE:
- Community Energy Workshops
- Energy Related Technical Assistance

FACULTY NUMBER 063

Claus, George W.
Associate Professor
Biology
5008 Derring Hall
961-5196

EXPERTISE:
- Bacterial Metabolism
- Microbial Degradation of Industrial Pollutants
- Electron Microscope Use

FACULTY NUMBER 064

Clegg, Eric D.
Associate Professor
Veterinary Biology
104 University City Office
961-7666

EXPERTISE:
- Fertilization in Mammals
- Artificial Insemination
- Breeding Management

FACULTY NUMBER 065

Clifford, Alan F.
Professor
Chemistry
109 Davidson Hall
961-5391

EXPERTISE:
- Inorganic Chemistry
- Non-metal Chemistry
- Qualitative Analysis
- Inorganic Polymers

VOLUNTEER INTEREST AND EXPERIENCE:
- Inorganic Chemical Education
- Proper Use of English Language

FACULTY NUMBER 066

Clouse, James P.
Professor
Vocational Technical Education
105 Lane Hall
961-6836

EXPERTISE:
- Vocational Education
- Agricultural Education
- Methods of Teaching
- Leadership

FACULTY NUMBER 067

Clowes, Darrell
Assistant Professor
Curriculum & Instruction
258 University City Office
961-7560

EXPERTISE:
- Curriculum in Two-year Colleges
- General Education
- Remedial Education
- Social Issues in Higher Education

VOLUNTEER INTEREST AND EXPERIENCE:
- Director, U. S. Peace Corps, Korea

FACULTY NUMBER 068

Coffey, Joseph D.
Professor
Agricultural Economics
323B Hutcheson Hall
961-5032
EXPERTISE:
Agriculture Policy
World Agriculture
Agricultural Trade
Farm Management

FACULTY NUMBER 069
Collins, Eldridge R., Jr.
Associate Professor
Agricultural Engineering
310 Seitz Hall
961-7600

EXPERTISE:
Waste Management & Pollution Control
Livestock Housing & Equipment
Home Woodstove Use
Biogas Production Systems

FACULTY NUMBER 070
Collins, William F.
Associate Professor
Food Science & Technology
128 Food Science & Technology
961-6264

EXPERTISE:
Food Products
Dairy Products
Food Processing
Sanitation Procedures

FACULTY NUMBER 071
Conley, Houston
Professor
Administrative & Educational Services
238 University City Office
961-5082

EXPERTISE:
Communication Skills
Needs Assessments
Organizational Development

FACULTY NUMBER 072
Contractor, Dinshaw N.
Associate Professor
Civil Engineering
303 Norris Hall
961-6069

EXPERTISE:
Hydraulic Structures
Hydrological Aspects of Storms, Floods, & Tides
Waterhammer Analysis of Pipelines
Stormwater Systems

FACULTY NUMBER 073
Copenhaven, Jackson S.
Associate Professor
Animal Science
16 Agnew Hall
552-5362

EXPERTISE:
Sheep Management
Beef Cattle Management

FACULTY NUMBER 074
Cosgriff, John C.
Assistant Professor
Preparations Department
Carol Newman Library
961-6737

EXPERTISE:
Librarianship
Mormon Religion
Catholic-Irish-American Genealogy

FACULTY NUMBER 075
Councill, George D.
Assistant Professor
Music
302 Performing Arts Building
961-5695

EXPERTISE:
Church Music
Hymnology
Group Keyboard Instruction
Design & Purchase of Pipe Organs

VOLUNTEER INTEREST AND EXPERIENCE:
Work with churches in rebuilding or purchasing an organ

FACULTY NUMBER 076
Cranford, Jack A.
Assistant Professor
Biology
21138 Derring Hall
961-6056

EXPERTISE:
Physiological Ecologist
Mammalogy
Vertebrate Zoology
Ecology
FACULTY NUMBER 077
Crofts, George
Associate Professor
Arts & Sciences
2088 Derring Hall
961-5982
EXPERTISE:
Mathematics (linear spaces)

FACULTY NUMBER 078
Cross, Gerald H.
Associate Professor
Fisheries & Wildlife Sciences
100 Cheatham Hall
961-5573
EXPERTISE:
Wildlife Management
Wildlife Ecology

FACULTY NUMBER 079
Crunkilton, John R.
Professor
Vocational Technical Education
106 Lane Hall
961-6836
EXPERTISE:
Learning
Discipline
Curriculum Development
Human Relations

FACULTY NUMBER 080
Cunningham, Gary M.
Associate Professor
Accounting
311 Pamplin Hall
961-6100
EXPERTISE:
Financial Reporting
International Accounting

FACULTY NUMBER 081
Curry, Dan P.
Assistant Professor
Communication Studies
103 Performing Arts Building
961-7622
EXPERTISE:
Filmmaking
Lighting for Film and Television
Film Teaching
Script Writing
Proposal Writing for Film/Video Grants

FACULTY NUMBER 082
Dawson, Kenneth E.
Professor
4-H
105 Hutcheson Hall
961-6371
EXPERTISE:
Youth Development
Education Administration
Counseling
Staff Development
Continuing Education
VOLUNTEER INTEREST AND EXPERIENCE:
4-H Adult Volunteer
Leadership Development

FACULTY NUMBER 083
Dean, James W.
Vice-President
Student Affairs
121 Patton Hall
961-6273
EXPERTISE:
Student Personnel
Student Life
University Administration
University Housing
Fraternities & Sororities
University Placement
VOLUNTEER INTEREST AND EXPERIENCE:
University Administration

FACULTY NUMBER 084
Deaton, Brady J.
Associate Professor
Agricultural Economics
312A Hutcheson Hall
961-7513
EXPERTISE:
Industrial Location
Capital Formation
Economics of Migration
Food Aid Policy & Foreign Assistance
Community Development Cooperatives
VOLUNTEER INTEREST AND EXPERIENCE:
Peace Corps Volunteer (Thailand)
Establishing Community-owned Manufacturing Plant in Tennessee
Appalachian Regional Policy

FACULTY NUMBER 085

Debney, George C., Jr.
Associate Professor
Mathematics
552 McBryde Hall
961-5516

EXPERTISE:
Differential Geometry
Mathematical Physics
Mathematical Modeling

VOLUNTEER INTEREST AND EXPERIENCE:
Music
Photography
Cub Scouts
Blacksburg New School
PTA

FACULTY NUMBER 086

Dellers, Robert W.
Associate Professor
Veterinary Medicine
Veterinary Medical Res. Ctr.
961-7666

EXPERTISE:
Virology
Infectious Diseases
Microbiology
Veterinary Medicine

FACULTY NUMBER 087

Dennison, Brian K.
Assistant Professor
Physics
315A Robeson Hall
961-5186

EXPERTISE:
Radio Astronomy
Astrophysics
X-Ray Astronomy
Extragalactic Research

FACULTY NUMBER 088

DeNoble, Alex F.
Instructor
Business Administration

#7, Building 276
961-7756

EXPERTISE:
Certified Public Accountant
Small Business Development

VOLUNTEER INTEREST AND EXPERIENCE:
Small Business Development

FACULTY NUMBER 089

Desai, C. S.
Professor
Civil Engineering
302D Norris Hall
961-7143

EXPERTISE:
Geomechanics
Infectious Diseases
Microbiology
Veterinary Medicine

FACULTY NUMBER 090

Dickey, Dorian M.
Assistant Professor
Theatre Arts
213 Performing Arts Building
961-5940

EXPERTISE:
Voice/Movement/Acting for the Theatre

VOLUNTEER INTEREST AND EXPERIENCE:
Voice/Movement/Acting for the Theatre

FACULTY NUMBER 091

Dickey, John W.
Professor
Environmental & Urban Systems
201C Architecture Annex
961-5278

EXPERTISE:
Transportation
Regional Planning
Evaluation
Human Service Integration

VOLUNTEER INTEREST AND EXPERIENCE:
Church Mission & Outreach
Program Development
FACULTY NUMBER 092

Dillaway, Manson P.  
Assistant Professor  
Accounting  
310E Pamplin Hall  
961-6165

EXPERTISE:  
Taxation  
Auditing

FACULTY NUMBER 093

Diller, Thomas E.  
Assistant Professor  
Mechanical Engineering  
100D Randolph Hall  
961-7198

EXPERTISE:  
Corrective Heat & Mass Transfer  
Drying  
Blood Oxygenation  
Jet Impingement

FACULTY NUMBER 094

Distler, Paul A.  
Professor  
Theatre Arts  
104 Price House  
961-5005

EXPERTISE:  
Directing  
Dramatic Literature  
Arts Administration

FACULTY NUMBER 095

Dodl, Norman R.  
Professor  
Curriculum & Instruction  
300 War Memorial Gym  
961-5587

EXPERTISE:  
Teacher Education  
Program Design & Development  
Staff Development  
Microcomputers in Education

FACULTY NUMBER 096

Donohue, Stephen J.  
Associate Professor  
Agronomy  
425 Smyth Hall  
961-6486

EXPERTISE:  
Soil Testing  
Plant Analysis  
Crop Fertilization & Liming

FACULTY NUMBER 097

Donovan, Arthur L.  
Professor  
History  
2095 Derring Hall  
961-7687

EXPERTISE:  
Social & Cultural Science & Technology  
History of Science & Technology

FACULTY NUMBER 098

Doswald, Herman K.  
Professor  
Foreign Languages  
108 Holden Hall  
961-5361

EXPERTISE:  
Modern German Literature  
East German Literature  
German Theatre History

VOLUNTEER INTEREST AND EXPERIENCE:  
Developed Conversational Language Programs for Adults

FACULTY NUMBER 099

Drake, Charles R.  
Professor  
Plant Pathology & Physiology  
416C Price Hall  
961-5251

EXPERTISE:  
Fruit Tree Diseases  
Plant Protection  
Pest Management  
Agricultural Quality Management  
Orchard Management  
Academic Career Advising

VOLUNTEER INTEREST AND EXPERIENCE:  
Career Planning  
Reviewing Student Honor  
Probation Problems
FACULTY NUMBER 100

Drapeau, Don
Professor
Theatre Arts
203 Performing Arts Building
961-5536

EXPERTISE:
Theatre Design
Theatre Management
Theatre History
Stage Makeup

FACULTY NUMBER 101

DuBose, Robert T.
Professor
Division of Agriculture & Urban Practice
Veterinary Medicine Res. Ctr.
961-7666

EXPERTISE:
Avian Virology

FACULTY NUMBER 102

Duenk, Lester G.
Professor
Vocational Technical Education
302 Lane Hall
961-5175

EXPERTISE:
Curriculum for Trade & Industrial Education
Vocational Education
Planning School Shops
Safety Programs in School Shops

FACULTY NUMBER 103

Dugger, William, Jr.
Professor
Vocational Technical Education
368 Smyth Hall
961-6480

EXPERTISE:
Industrial Arts Education
Electricity/Electronics

FACULTY NUMBER 104

Dyer, Delwyn A.
Professor
Center for Volunteer Development
207 West Roanoke Street
961-7966

EXPERTISE:
Organizational Development
Community Resource Development
Social Structure/Social Organization
Volunteerism
Voluntary Associations

VOLUNTEER INTEREST AND EXPERIENCE:
Credit Union
Cooperatives
Youth Group Management

FACULTY NUMBER 105

Eastman, Ann H.
Instructor
Arts & Sciences Administration
2095C Derring Hall
961-6390

EXPERTISE:
Public Relations
Lobbying
Book Publishing
Careers for Women

VOLUNTEER INTEREST AND EXPERIENCE:
Book Publishing
Public Affairs
Executive Women's Council

FACULTY NUMBER 106

Eastman, Arthur M.
Professor
English
102 Williams Hall
961-6501

EXPERTISE:
Shakespeare
English Curriculum

VOLUNTEER INTEREST AND EXPERIENCE:
Shakespeare
English Curriculum

FACULTY NUMBER 107

Edward, Charles R.
Laboratory Technician
Chemical Engineering
153 Randolph Hall
961-6169

EXPERTISE:
Fermentation Technology
Chromatography
Microbiology
Enzyme Immobilization
VOLUNTEER INTEREST AND EXPERIENCE:
Home Gardening
Food Preservation

FACULTY NUMBER 108
Edwards, James C.
Instructor
4-H
445 Continuing Education Ctr.
961-4586

EXPERTISE:
Adult Education
Extension Education
Agricultural Education
Proposal Writing

VOLUNTEER INTEREST AND EXPERIENCE:
Wood Working
Coaching

FACULTY NUMBER 109
Edwards, John N.
Professor
Sociology
646 McBryde Hall
961-5360

EXPERTISE:
Sociology of the Family
Urban Sociology
Voluntary Associations
Social Participation

FACULTY NUMBER 110
Edwards, Patricia K.
Associate Professor
Environmental & Urban Systems
201B Architecture Annex
961-5177

EXPERTISE:
Human Service Programs
Survey Research
Urban Sociology
Social Participation
Voluntary Action Research

FACULTY NUMBER 111
Eiss, Norman S., Jr.
Professor
Mechanical Engineering
201 Randolph Hall
961-7192

EXPERTISE:
Polymers
Surface Topography Characterization
Mechanical Design
Stress Analysis
Tribology

FACULTY NUMBER 112
Eller, A. L., Jr.
Professor
Animal Science
32 Agnew Hall
961-5252

EXPERTISE:
Animal Breeding & Genetics
Beef Cattle Breeding
Beef Cattle Management

FACULTY NUMBER 113
Epley, Carl L.
Instructor
Laboratory Support Services
238 Whittemore Hall
961-5665

EXPERTISE:
Electrical Engineering
Television System Design
Telecommunications
Electrical Fires

FACULTY NUMBER 114
Eustis, J. Christopher
Assistant Professor
Foreign Languages
104A Holden Hall
961-5606

EXPERTISE:
Hispanic Literature
Spanish Culture
Spanish Language
Portuguese Language
Luso-Brazilian Literature, Culture, & Civilization

FACULTY NUMBER 115
Ewald, Bruce
Professor
Veterinary Biology
104 University City Office
961-7666
EXPERTISE:
Animal Medicine
Renal Physiology
Veterinary Medicine

FACULTY NUMBER 116
Falkinham, Joseph O., III
Assistant Professor
Biology
4038 Derring Hall
961-5931
EXPERTISE:
Microbial Genetics
Epidemiology
Genetic Engineering
Patents for Microorganisms

FACULTY NUMBER 117
Farrier, Shirley C.
Associate Professor
Management, Housing, & Family Development
211 Wallace Hall
961-5758
EXPERTISE:
Child Development
Early Childhood Education
Career Projections of Youth
Exceptional Children

FACULTY NUMBER 118
Feimer, Nickolaus R.
Assistant Professor
Psychology
5099 Derring Hall
961-5814
EXPERTISE:
Social-Organizational Environment on Behavior
Environmental Quality Assessment
Scenic Quality Management

FACULTY NUMBER 119
Fell, Richard D.
Assistant Professor
Entomology
307 Price Hall
961-7207
EXPERTISE:
Agriculture
Beekeeping
Pollination
Bee Behavior
Stinging Insect Problems

FACULTY NUMBER 120
Fenstermacher, Gary D.
Professor
Curriculum & Instruction
300 War Memorial Gym
961-5442
EXPERTISE:
Teacher Education
Federal Policy for Education
Philosophy of Education
State Educational Policy

FACULTY NUMBER 121
Fernandez, Antonio A.
Assistant Professor
Foreign Languages
104A Holden Hall
961-5606
EXPERTISE:
Spanish Speaking Minorities
Translating
Spanish-American Literature, Culture, & Civilization
Cuban Revolution

FACULTY NUMBER 122
Feustel, Martha J.
Instructor
Business Administration
202B Pamplin Hall
961-7378
EXPERTISE:
Business Statistics

FACULTY NUMBER 123
Finklea, Harry O.
Assistant Professor
Chemistry
401A Davidson Hall
961-5902
EXPERTISE:
Electrochemistry
Solar Cells
Photo-Electro Chemistry

FACULTY NUMBER 124
Flowers, William L., Jr.
Professor
Extension Division
336 Burruss Hall
961-6249

EXPERTISE:
Administration
Program Planning
Majority-Minority Group Relationships
Program Evaluation
Contracts & Grants
Proposal Development

FACULTY NUMBER 125
Foley, Robert D.
Assistant Professor
Industrial Engineering & Operations Research
272 Whittemore Hall
961-7142

EXPERTISE:
Stochastic Processes
Queueing Network Theory
Applied Probability

FACULTY NUMBER 126
Fordyce, Rachel A.
Associate Professor
Arts & Sciences
126 Williams Hall
961-5144

EXPERTISE:
Dramatic Literature
Children's Literature
Renaissance Literature

VOLUNTEER INTEREST AND EXPERIENCE:
Directing Plays
Casting Plays

FACULTY NUMBER 127
Frary, Robert B.
Professor
Learning Resources Center
2096 Derring Hall
961-5413

EXPERTISE:
Questionnaire Construction & Analysis
Test Development
Test Theory
Educational Research

FACULTY NUMBER 128
Frederick, Daniel
Professor
Engineering Science & Mechanics
225 Norris Hall
961-6651

EXPERTISE:
Composite Materials
Plate & Sheet Structures
Solid Mechanics
Continuum Mechanics
Engineering Mechanics

FACULTY NUMBER 129
Fritzen, James D.
Assistant Professor
Psychology
5076 Derring Hall
961-6660

EXPERTISE:
Learning
Memory for Verbal Materials
Perception of Words
Language Processing

FACULTY NUMBER 130
Fu, Victoria R.
Assistant Professor
Management, Housing, & Family Development
128 Wallace Hall
961-6148

EXPERTISE:
Cognitive & Social Development of Children
Self-Concept Development in Children
Infant Growth & Behavior
Parent-Child Interaction

FACULTY NUMBER 131
Fuller, Theodore D.
Assistant Professor
Sociology
671 McBryde Hall
961-6046
EXPERTISE:
Survey Research
Migration
Rural Development
Southeast Asia

FACULTY NUMBER 132
Furey, Michael J.
Professor
Mechanical Engineering
103 Randolph Hall
961-7193
EXPERTISE:
Tribology: Friction, Wear, & Lubrication
Problems of Man, Science, Technology, & Society
Creativity in Science, Engineering, & Art

FACULTY NUMBER 133
Furr, A. Keith
Professor
Nuclear Engineering
Plaza I
961-6775
EXPERTISE:
Radiation Safety
Nuclear Engineering
Neutron Activity Analysis
Health & Safety
Environmental Quality
Industrial Hygiene

FACULTY NUMBER 134
Gaines, Josephine
Associate Professor
Health Education
201 War Memorial Gym
961-7278
EXPERTISE:
Community Health Education
Sex Education
Mental Health
Teenage Pregnancy
Drugs & Pregnancy

FACULTY NUMBER 135
Garrett, J C
Assistant Professor
Retired
Horticulture
229 Smyth Hall
961-5584
EXPERTISE:
Community Improvement
Landscape Architecture
Landscape Horticulture
People Involvement
Village Development

FACULTY NUMBER 136
Geller, E. Scott
Professor
Psychology
5100 Derring Hall
961-6223
EXPERTISE:
Behavioral Science & Community Problem Solving
Community Psychology & Energy Conservation
Resource Recovery & Litter Control
Transportation Safety
Water Conservation
Shoplifting Prevention

FACULTY NUMBER 137
Ghare, P. M.
Associate Professor
Industrial Engineering & Operations Research
360 Whittemore Hall
961-5554
EXPERTISE:
Productivity
Inflation
Quality Control & Reliability
Mathematical Modeling

FACULTY NUMBER 138
Giegold, William C.
Professor
Business Extension
Plaza I, Building A
961-5566
EXPERTISE:
Management
Management by Objectives

EXPERIENCE:
Goal Setting for Volunteer Boards & Professionals
Managing Volunteers in Voluntary Organizations &
City Government
FACULTY NUMBER 139
Gilbert, M. Charles
Professor
Geological Sciences
5064 Derring Hall
961-6688

EXPERTISE:
Studies of Minerals
Field Mapping
Petrographic Studies of Rocks

FACULTY NUMBER 140
Giles, Robert H., Jr.
Professor
Fisheries & Wildlife Sciences
101B Cheatham Hall
961-5910

EXPERTISE:
Computer Information Systems
Wildlife Management
Ecology Systems
Land Use Planning

VOLUNTEER INTEREST AND EXPERIENCE:
Environmental Management Planning with Cumberland Farm for Adolescents (New Kent)

FACULTY NUMBER 141
Good, Charles M.
Associate Professor
Geography
242 Hutcheson Hall
961-6886

EXPERTISE:
Locational Decision Making
Interviewing
Social & Cultural Analysis
Community Health
Low Income Communities
Third World Problems

FACULTY NUMBER 142
Good, Irving J.
Professor
Statistics
406 Hutcheson Hall
961-6904

EXPERTISE:
Foundations of Statistics
Probability Estimation
Decision Theory
Philosophy of Science

FACULTY NUMBER 143
Goodsell, Charles T.
Professor
Center for Public Administration & Policy
104 Draper Road
961-7302

EXPERTISE:
Behavior of Government Personnel
Public Administration

FACULTY NUMBER 144
Gorsline, George W.
Professor
Computer Science
544 McBryde Hall
961-6262

EXPERTISE:
Computer Management
Computer Programming Methodology
Computer Architecture
Computer Science Education

FACULTY NUMBER 145
Goss, Rosemary C.
Instructor
Management, Housing, & Family Development
235 Wallace Hall
961-6677

EXPERTISE:
Appalachian Housing
Household Equipment-Energy Conservation
Social-Psychological Aspects of Housing
Housing Problems

FACULTY NUMBER 146
Graham, Richard T.
Assistant Professor
Curriculum & Instruction
314 War Memorial Gym
961-5558

EXPERTISE:
Remedial Reading
Elementary Curriculum Development
Learning Games
Dialect: Language, Reading, & Spelling

VOLUNTEER INTEREST AND EXPERIENCE:
School In-service Education
Classroom Demonstration
Research Support
FACULTY NUMBER 147
Graybeal, Jack D.
Professor
Chemistry
404 Davidson
961-5406
EXPERTISE:
Molecular Spectroscopy

FACULTY NUMBER 148
Greenberg, William
Professor
Mathematics
428 McBryde Hall
961-6535
EXPERTISE:

FACULTY NUMBER 149
Greene, Timothy J.
Assistant Professor
Industrial Engineering & Operations Research
150 Whitemore Hall
961-6574
EXPERTISE:
Manufacturing Systems
Machine Tools
Production Control
Production Management
Plant Layout

FACULTY NUMBER 150
Greenstein, Joel S.
Assistant Professor
Industrial Engineering & Operations Research
130 Whitemore Hall
961-5358
EXPERTISE:
Human Factors/Man-Machine Systems
Human-Computer Interaction
Human Decision Making
Mathematical Modeling

FACULTY NUMBER 151
Grender, Gordon C.
Professor
Geological Sciences
2062A Derring Hall
961-6030
EXPERTISE:
Oil & Gas Exploration
Oil & Gas Resources
Computer Analysis on Terrain
Geology

FACULTY NUMBER 152
Grossman, Lawrence S.
Assistant Professor
Geography
254 Henderson Hall
961-5774
EXPERTISE:
Economic Development in Third World Tropics
Human Ecology in the Third World
Peasant Agriculture
Papua, New Guinea

FACULTY NUMBER 153
Grover, Lynn, III
Professor
Geology
4064 Derring Hall
961-6213
EXPERTISE:
Geology & Tectonics of the Appalachians
Seismicity in Virginia
Applications of Regional Geology to Resource Assessment
Disposal of Nuclear Waste
Nuclear Plant Sites

FACULTY NUMBER 154
Gunsten, Paul H.
Associate Professor
Physical Education
135A War Memorial Gym
961-6057
EXPERTISE:
Intramurals & Tournaments
Extramural Sports Clubs
Aquatics
Community Recreation

FACULTY NUMBER 155
Gurel, Lois M.
Associate Professor
Clothing, Textiles, & Related Arts
101A Wallace Hall
961-6162
EXPERTISE:
Clothing: Social & Psychological Aspects
Clothing for the Elderly & Handicapped
Tailoring

VOLUNTEER INTEREST AND EXPERIENCE:
Aging
Clothing Needs, Problems, Alterations,
Appearance, & Grooming
Sewing & Crafts with Young People

FACULTY NUMBER 156
Gwazdauskas, Francis C.
 Associate Professor
Dairy Science
306C Saunders Hall
961-5551

EXPERTISE:
Cattle Endocrinology
Cattle Reproduction
Radioimmunoassays

FACULTY NUMBER 157
Habel, Katherine
Assistant Professor
Clothing, Textiles, & Related Arts
103 Wallace Hall
961-6178

EXPERTISE:
Home Furnishings
Interior Design

FACULTY NUMBER 158
Hagee, Gale L.
Assistant Professor
Vocational Technical Education
304 Seitz Hall

EXPERTISE:
Agricultural Mechanics
Agricultural Education
Student Recruitment
Agricultural Facilities Development

FACULTY NUMBER 159
Hale, Maynard G.
Associate Professor
Plant Pathology & Physiology
103A Price Hall
961-6757

EXPERTISE:
Plant Physiology
Plant-Water Relations
Chemical Interaction Among Plants
Aerobic Culture of Plants

VOLUNTEER INTEREST AND EXPERIENCE:
Scouting: Training & Leadership Development

FACULTY NUMBER 160
Hall, John R., III
Associate Professor
Agronomy
421 Smyth
961-5797

EXPERTISE:
Turfgrass Management

FACULTY NUMBER 161
Hall, Otis
Professor
Forestry
324 Cheatham Hall
961-5482

EXPERTISE:
Forest Economics
Forest Management
Forest Inventory
Forest Planning

VOLUNTEER INTEREST AND EXPERIENCE:
Woodland Owners Groups
Conservation Groups & Forests

FACULTY NUMBER 162
Hammond, Guy B.
Professor
Philosophy & Religion
145 Henderson Hall

EXPERTISE:
Religion in American Life
Contemporary Western Religion Thought
Philosophy of Religion

FACULTY NUMBER 163
Haney, Harry L., Jr.
Assistant Professor
Forestry
310 Cheatham
961-5212
EXPERTISE:
Management of Timberland
Application of Federal Income & Gift Taxes to Forestry
Economics of Private Nonindustrial Land

FACULTY NUMBER 164
Hanna, Dixon B.
Assistant Professor
Architecture & Urban Studies
202 Cowgill Hall
961-6386

EXPERTISE:
Architectural Design
Housing Policy
Community Development & Decision Systems

FACULTY NUMBER 165
Harazick, Robert M.
Professor
Electrical Engineering
148 Whittemore Hall
961-5961

EXPERTISE:
Computer Vision
Artificial Intelligence
Pattern Recognition
Image Processing

FACULTY NUMBER 166
Harder, Martha
Assistant Professor
Educational Extension
238 University City Office
961-5338

EXPERTISE:
Human Resources Management
Organization & Administration of Higher Education
Affirmative Action & Women
Off-Campus Graduate Education
Career Patterns

FACULTY NUMBER 167
Harris, John M.
Assistant Professor
Finance, Insurance, & Business
208D Pamplin Hall
961-7688

EXPERTISE:
Business Finance
Financial Institution Corporate Finance Banking

FACULTY NUMBER 168
Harrison, Robert L.
Professor
Agronomy
420 Smyth Hall
961-5798

EXPERTISE:
Agronomy-Crops
Seed Production & Processing
Seed Certification
Species Crops
Extension Education

FACULTY NUMBER 169
Harshberger, Richard F.
Associate Professor
Center for Continuing Education
135 CEC
961-5242

EXPERTISE:
Organizational Development
Motivation & Human Relations
Adult Education
Program Development
Public Speaking for Executives

FACULTY NUMBER 170
Hartman, Dennis A.
Professor
Dairy Science
401 Saunders Hall
961-6791

EXPERTISE:
4-H Dairy & Youth
Dairy Heifers Replacement
Rearing Dairy Calves & Heifers

FACULTY NUMBER 171
Hartson, H. Rex
Assistant Professor
Computer Science
562 McBryde Hall
961-6053
EXPERTISE:
Database Management
Privacy & Security of Data
Human-Computer Interaction
Information Systems

FACULTY NUMBER 172

Hatzios, Kriton K.
Assistant Professor
Plant Pathology & Physiology
Glade Road Research Center
961-5808

EXPERTISE:
Herbicides Mode of Action
Metabolism of Herbicides
Herbicides in the Environment
Plant Protection

VOLUNTEER INTEREST AND EXPERIENCE:
Greek Language

FACULTY NUMBER 173

Hawkins, George W.
Professor
Agronomy
428 Smyth Hall
961-6486

EXPERTISE:
Lime & Fertilizer Use in Crop Production
Soil Management
Soil Testing
Plant Tissue Analysis

VOLUNTEER INTEREST AND EXPERIENCE:
County Agronomy Committees

FACULTY NUMBER 174

Head, J. Thomas
Assistant Professor
Learning Resources Center
4 Patton Hall
961-6821

EXPERTISE:
Instructional Materials Design & Development
Instructional Technology & Educational Processes

VOLUNTEER INTEREST AND EXPERIENCE:
Boy Scouts

FACULTY NUMBER 175

Heath, Alan G.
Associate Professor
Biology
5028 Derring Hall
961-5231

EXPERTISE:
Animal Physiology
Environmental Physiology
Fish Physiology
Bioethics

VOLUNTEER INTEREST AND EXPERIENCE:
Human Population Growth
Human Ecology

FACULTY NUMBER 176

Heath, Betty
Assistant Professor
Vocational Technical Education
210 Lane Hall
961-5191

EXPERTISE:
Marketing & Distributive Education
Competency-Based Vocational Education
Curriculum Development
Youth Organization

FACULTY NUMBER 177

Hechtman, Robert A.
Professor
Architecture & Environmental Design
Plaza I
961-7708

EXPERTISE:
Structural Design
Fire Design
Building Construction Problems

FACULTY NUMBER 178

Heisterberg, Richard H.
Assistant Professor
Physics
317 Robeson Hall
961-6436

EXPERTISE:
High Energy Particle Physics
Particle Detectors
Computers
Microprocessor Applications
FACULTY NUMBER 179
Hendricks, Scott L.
Assistant Professor
Engineering Science & Mechanics
227C Norris Hall
961-7154
EXPERTISE:
Stability Theory
Flow Induced Vibrations
Rotor Dynamics
Analytical Dynamics

FACULTY NUMBER 180
Hensley, Wayne
Associate Professor
Communications Studies
201B Security Building
961-7625
EXPERTISE:
Clothing-Psychological Implications
Attitude Scaling & Measurement
Nonverbal Communications

FACULTY NUMBER 181
Herbert, William G.
Associate Professor
Health, Physical Education, & Recreation
214 War Memorial Gym
961-6565
EXPERTISE:
Exercise Physiology
Coronary Heart Disease & Risk Factors
Exercise Training in Coronary Heart Disease Patients
Heart Stress & Distant Running

FACULTY NUMBER 182
Herdman, Terry
Associate Professor
Mathematics
438 McBryde Hall
961-5279
EXPERTISE:
Functional Differential Equations
Integral Equations
Differential Equations

FACULTY NUMBER 183
Herndon, James F.
Professor
Political Science
624 McBryde Hall
961-5351
EXPERTISE:
Congress
Interest Groups

FACULTY NUMBER 184
Herr, Cheryl
Assistant Professor
English
112 Williams Hall
961-7696
EXPERTISE:
Modern British & American Fiction
James Joyce
Irish Studies

FACULTY NUMBER 185
Hertzler, Ann A.
Associate Professor
Human Nutrition & Foods
207 Wallace Hall
961-6603
EXPERTISE:
Nutrition
Food Habits
Family Factors Associated with Food Habits
Nutrition Education

FACULTY NUMBER 186
Hibbard, Walter
Professor
Engineering Administration
301 Holden Hall
961-6473
EXPERTISE:
Energy & Fuel Resources Materials
Environmental Economics
Technology & Society

FACULTY NUMBER 187
Hodes, Robert
Instructor
Psychology
4098 Derring Hall
961-6304
EXPERTISE:
Clinical Psychology
Psychophysiology

FACULTY NUMBER 188

Hoffman, Louise E.
Assistant Professor
History & Humanities
521 McBryde Hall
961-5168

EXPERTISE:
German History
Modern European Intellectual History
History of Psychoanalysis
Women's History

Hoffman, Louise E.
Assistant Professor
History & Humanities
Now at Penn State
521 McBryde Hall
961-5168

EXPERTISE:
German History
Modern European Intellectual History
History of Psychoanalysis
Women's History

FACULTY NUMBER 189

Holliman, Rhodes B.
Professor
Biology
2006 Derring Hall
961-5309

EXPERTISE:
Tropical Medicine
Medical Parasitology
General Parasitology
Human Anatomy & Physiology
Paleopathology: Osteopathology
Southwestern USA Archeology

VOLUNTEER INTEREST AND EXPERIENCE:
Latin America: Social, Political, & Economic Conditions

FACULTY NUMBER 190

Holt, Robert N.
Instructor
College of Education
226 War Memorial Gym
961-5056

EXPERTISE:
Secretarial Development
Time Management
Motivation & Supervision

FACULTY NUMBER 191

Holtzman, Golde I.
Assistant Professor
Statistics
405C Hutcheson Hall
961-7927

EXPERTISE:
Stochastic Modeling of Biological Phenomena
Computer Simulation
Mathematical Ecology
Biostatistics

FACULTY NUMBER 192

Hon, David N. S.
Assistant Professor
Forest Products
210 Cheatham Hall
961-7678

EXPERTISE:
Modification of Fibers
Weathering & Protection of Wood
Paper Conservation
Photochemistry
Fibers & Polymer Chemistry

FACULTY NUMBER 193

Hooper, Gary L.
Professor
Plant Pathology & Physiology
Price Hall
961-6361

EXPERTISE:
Virus Diseases of Plants
Electron Microscopes
Plant Pathology

VOLUNTEER INTEREST AND EXPERIENCE:
Talks to School and Civic Groups on use of Electron Microscopes in Agriculture & Biology

FACULTY NUMBER 194

Hornor, Sally G.
Assistant Professor
Biology
1003 Derring Hall
961-5884

EXPERTISE:
Microecology of Aquatic Systems
Biogeochemical Cycles in Aquatic Systems
Fossil Fuel Combustion on Aquatic Systems

FACULTY NUMBER 195

Hosmane, Narayan S.
Assistant Professor
Chemistry
105 Davidson Hall
961-5394

VOLUNTEER INTEREST AND EXPERIENCE:
EXPERTISE:
Inorganic & General Chemistry
Silicon Hydrides
Boron Hydrides
Germanium Hydrides
Solid Rockets Propellants

VOLUNTEER INTEREST AND EXPERIENCE:
Safety in Laboratory
Slimnastics and Exercises

FACULTY NUMBER 196
Howard, Jeanne
Assistant Professor
Environmental & Urban Systems
202G Architecture Annex
961-5687

EXPERTISE:
Urban Environmental Education
Soviet Studies
Futures Studies

VOLUNTEER INTEREST AND EXPERIENCE:
Emergency Assistance Programs-County

FACULTY NUMBER 197
Huang, Frank
Assistant Professor
Food Science & Technology
P. O. Box 369, Hampton, VA
722-1822

EXPERTISE:
Food Rheology & Texture
Seafood Processing Technology
Food Processing Engineering
Energy Conservation
Solar Energy Utilization
Food Packaging

FACULTY NUMBER 198
Huff, Arden N.
Professor
Animal Science
39 Agnew Hall
961-5252

EXPERTISE:
4-H Volunteers
Industry Volunteers
Educational Leadership
Change Agents

FACULTY NUMBER 199
Huffman, Stanley A.
Professor
Learning Resources Center
102 Patton Hall
961-6664

EXPERTISE:
Media Management
Communications/Learning Systems
Instructional Technology
Professional Organizations
Conference Planning

FACULTY NUMBER 200
Huggins, Victor
Associate Professor
Art
38 Owens Hall
961-5836

EXPERTISE:
Painting, Drawing, Design
Art Education
Curriculum Development in Art Education
Art Appraisal
Art Creativity

VOLUNTEER INTEREST AND EXPERIENCE:
Fraudulent Dealings in the Art Market

FACULTY NUMBER 201
Hummel, Dean L.
Professor
Counselor Education
203 University City Office
961-7574

EXPERTISE:
Counseling
Career Development
Family Career Planning
Rational Emotive Therapy

FACULTY NUMBER 202
Hurst, Homer T.
Professor
Environmental & Urban Systems
16 Tech Motel
961-6479

EXPERTISE:
Structural Engineering
Pole-Type and Post and Beam Construction
Home Heating Systems
Solar Heating
Rehabilitation of Buildings
FACULTY NUMBER 203

Hutcheson, Thomas B., Jr.
Professor
Agronomy
333 Smyth Hall
961-6305

EXPERTISE:
Soil Fertility
Fertilizer & Lime Recommendations
Soil & Crop Management

FACULTY NUMBER 204

Hutchins, David E.
Associate Professor
Counselor Education
204 University City Office
961-7575

EXPERTISE:
Counseling
Individual Counseling
Group Counseling

VOLUNTEER INTEREST AND EXPERIENCE:
Teaching & Consulting

FACULTY NUMBER 205

Hyer, Michael W.
Associate Professor
Engineering Science & Mechanics
120 Norris Hall
961-5372

EXPERTISE:
Solid Mechanics
Stress Analysis
Composite Materials

FACULTY NUMBER 206

Impa ra, James C.
Associate Professor
Administrative & Educational Services
288 University City Office
961-6080

EXPERTISE:
Competency Testing
Statewide Assessment & Accountability
Program Evaluation

FACULTY NUMBER 207

Indebetouw, Guy
Assistant Professor
Physics
113 Robeson Hall
961-5767

EXPERTISE:
Optics
Holography
Lasers
Optical Computing

FACULTY NUMBER 208

Jaasma, Dennis R.
Assistant Professor
Mechanical Engineering
100J Randolph Hall
961-7595

EXPERTISE:
Woodstove (pollutant emissions)
Combustion
Spark Ignition Engines
Diesel Engines

FACULTY NUMBER 209

Janey, Jane
Associate Professor
Family Resources
Hutcheson Hall
961-5686

EXPERTISE:
Conference Management
Volunteer Organization Leadership
Women Community Development
Crime Prevention Education

VOLUNTEER INTEREST AND EXPERIENCE:
Extension Homemakers Council

FACULTY NUMBER 210

Jenkins, David
Professor
Physics
209 Robeson Hall
961-6712

EXPERTISE:
Nuclear Counters
Nuclear Reactors
Minicomputers
Data Acquisition
Nuclear Detectors
Nuclear Monitoring

VOLUNTEER INTEREST AND EXPERIENCE:
Environmental Problems
FACULTY NUMBER 211

Johnson, James F.
Associate Professor
Human Resources Unit
Plaza I
961-7609

EXPERTISE:
Human Resources Management
Program Evaluation
Computer Applications
Adult Education

VOLUNTEER INTEREST AND EXPERIENCES:
Managing Volunteer Organizations

FACULTY NUMBER 212

Johnson, Steven D.
Assistant Professor
Civil Engineering
219 Norris Hall
961-7147

EXPERTISE:
Control Surveying
Aerial Photographic Mapping
Least Squares Data Adjustment
Aerotriangulation

VOLUNTEER INTEREST AND EXPERIENCE:
Continuing Education Courses and Workshops

FACULTY NUMBER 213

Jones, Terrell
Instructor
Mathematics
1214 Williams Hall
961-6629

EXPERTISE:
Coordinating & Conducting Esteem-Building Programs
Coordinating & Conducting Stress-Reducing Programs
Super Learning Programs
Super Memory Programs

VOLUNTEER INTEREST AND EXPERIENCE:
Drug & Alcohol Abuse Counseling

FACULTY NUMBER 214

Kafer, Jo K.
Women's Athletic Director
Virginia Tech Athletic Association
307 Cassell Coliseum
961-6409

EXPERTISE:
Women's Athletics
Women's Field Hockey
Elementary Physical Education
Officiating Women's Basketball

FACULTY NUMBER 215

Kalka, Beatrice
Associate Professor
Clothing, Textiles, & Related Arts
201 Wallace Hall
961-6216

EXPERTISE:
Apparel Design & Construction
Basic Textile Science
Family Apparel
Consumer Education-Clothing & Textiles
Dressing to Save Energy
Clothing for Special Needs

FACULTY NUMBER 216

Kehoe, Jerard F.
Assistant Professor
Psychology
5081B Derring Hall
961-6586

EXPERTISE:
Statistical & Quantitative Methods in Social Science
Human Choice Behavior
Test Theory
Energy Conservation Behavior

FACULTY NUMBER 217

Kelly, Robert F.
Professor
Food Science & Technology
109 Food Science & Technology
961-6876

EXPERTISE:
Meats
Nutrition

FACULTY NUMBER 218

Kennedy, Charles A.
Professor
Philosophy & Religion
148 Henderson Hall
961-5118
EXPERTISE:
Biblical History & Literature
Biblical Archeology
Islam
Catacombs of Rome
Christian Symbols
Apocalypticism

FACULTY NUMBER 219
Kenney, Donald J.
Assistant Professor
General References Division
Carol Newman Library
961-5069
EXPERTISE:
English Literature
Teaching Techniques of Literature
Library Instruction
Promoting Reading

FACULTY NUMBER 220
Kerns, Waldon
Associate Professor
Water Resource Center
617 North Main Street
961-5624
EXPERTISE:
Economics
Natural Resources
Environment

VOLUNTEER INTEREST AND EXPERIENCE:
Citizen Participation in Management Decisions of Common Property Resources

FACULTY NUMBER 221
King, Laretta E.
Assistant Professor
Family Resources
109 Hutcheson
961-5226
EXPERTISE:
Gerontology
Program Development (with Young Families)

FACULTY NUMBER 222
King, Robert L.
Professor
Marketing
229 Pamplin Hall
961-5074
EXPERTISE:
Promotion (Advertising) Management
Survey Research Design
Consumer Behavior
Consumers in Socialist States

VOLUNTEER INTEREST AND EXPERIENCE:
Consumers in Socialist States (Poland)

FACULTY NUMBER 223
Kingston, David G. I.
Professor
Chemistry
322 Davidson Hall
961-6570
EXPERTISE:
Organic Chemistry
Natural Products Chemistry
Biosynthesis of Antibiotics
Anti-Cancer Agents Derived from Plants

FACULTY NUMBER 224
Kirshen, Paul A.
Assistant Professor
Civil Engineering
110A Norris Hall
961-5889
EXPERTISE:
Water Resources Planning & Management
Hydroelectric Power
Computer Modeling
Water Resources Planning in Developing Countries

VOLUNTEER INTEREST AND EXPERIENCE:
Water Resources Planning & Management

FACULTY NUMBER 225
Klemperer, W. David
Associate Professor
Forestry & Forest Products
310 Cheatham Hall
961-7267
EXPERTISE:
Forest Investment
Forestry Analysis
Forest Taxation & Valuation Theory

FACULTY NUMBER 226
Knapp, Shoshana
Assistant Professor
English
215 Williams Hall
961-6715
EXPERTISE:
Comparative Literature
Nineteenth Century Fiction
Science Fiction

FACULTY NUMBER 227
Knight, James W.
Assistant Professor
Animal Science
26B Agnew Hall
961-5134
EXPERTISE:
Animal Physiology
Female Reproductive Physiology
Beef Cattle Management

FACULTY NUMBER 228
Kosztarab, Michael
Professor
Entomology
301C Price Hall
961-6773
EXPERTISE:
Systematic Entomology
Classification of Scale Insects
Pests of Ornamental Trees
Curator of Virginia Tech Insect Collection

VOLUNTEER INTEREST AND EXPERIENCE:
Insect Collections
Insects

FACULTY NUMBER 229
Kramer, Randall A.
Assistant Professor
Agricultural Economics
305B Hutcheson Hall
961-7730
EXPERTISE:
Agricultural Production Economics
Natural Resource Economics
Agricultural Policy
Quantitative Methods

FACULTY NUMBER 230
Kramp, Robert C.
Assistant Professor
Biology
3030 Derring Hall
961-7446
EXPERTISE:
Health Physics
Radiation Biology
Experimental Diabetes in Animals
Pancreatic Transplantation for Diabetes Treatment

VOLUNTEER INTEREST AND EXPERIENCE:
Talks on Diabetes

FACULTY NUMBER 231
Krebs, Robert D.
Associate Professor
Civil Engineering
300 Norris Hall
961-6636
EXPERTISE:
Geotechnical Engineering
Foundation Engineering
Soils & Highway Materials
Earth Structures

VOLUNTEER INTEREST AND EXPERIENCE:
Soils & Highway Materials
Earth Structures

FACULTY NUMBER 232
Kriz, Harry M.
Assistant Professor
Science Division
Carol Newman Library
961-6354
EXPERTISE:
Science & Technology Information
Library Collection
Library Economy

FACULTY NUMBER 233
Labropoules, Athan E.
Research Associate
Chemical Engineering
Norris Hall
961-7870
EXPERTISE:
Food Rheology
Food Processing

VOLUNTEER INTEREST AND EXPERIENCE:
Food Technology
FACULTY NUMBER 234
Lacy, George H.
Assistant Professor
Plant Pathology & Physiology
406 Price Hall
961-5090

EXPERTISE:
Bacterial Diseases of Plants
Mycoplasma Diseases of Plants
Genetics of Phytopathogenic Bacteria
Ecology of Soil Fungi

VOLUNTEER INTEREST AND EXPERIENCE:
Insect Vector/Bacterial or Mycoplasmal Pathogen Interaction

FACULTY NUMBER 235
Lamb, Fred M.
Assistant Professor
Forest Products Center
Brooks Forest Products Center
961-7100

EXPERTISE:
Wood Processing
Furniture Manufacturing & Production
Wood Deterioration
Industrial Safety & Loss Control

FACULTY NUMBER 236
Lambrinos, Panos
Professor
Mathematics
449 McBryde Hall
961-6228

EXPERTISE:
Mathematics
Mathematical Research
Categorical Topology

VOLUNTEER INTEREST AND EXPERIENCE:
Research Assistance and/or Supervision

FACULTY NUMBER 237
Large, Paul M.
Food Processing Plant Manager
Food Science & Technology
26 Food Science & Technology
961-6719

EXPERTISE:
Dairy Products Processing
Dairy Products Quality Control
Cultured Dairy Foods

FACULTY NUMBER 238
Lear, George
Lecturer
Vocational Technical Education
300 Lane Hall
961-5175

EXPERTISE:
Automotive Technology
Internal Combustion Engines
Vocational Education Youth Clubs

VOLUNTEER INTEREST AND EXPERIENCE:
Vocational Industrial Clubs of America (VICA)
Student Youth Organizations

FACULTY NUMBER 239
Lechowich, Richard V.
Professor
Food Science & Technology
22A Food Science & Technology
961-6806

EXPERTISE:
Food Microbiology
Food Poisonings
Food Safety
Food Science & Technology
Food Chemical Usage

FACULTY NUMBER 240
Lee, John A.
Professor
Computer Science
562 McBryde Hall
961-6931

EXPERTISE:
Computer Science
Civil Engineering
National Standards Development

VOLUNTEER INTEREST AND EXPERIENCE:
Whitewater Canoeing
Kayaking

FACULTY NUMBER 241
Lee, Larry
Assistant Professor
Statistics
410 Hutcheson Hall
961-7929

EXPERTISE:
Applied Probability
Statistical Inference
System Reliability
FACULTY NUMBER 242

Lentz, Bernard F.
Assistant Professor
Economics
308 Sandy Hall
961-5688

EXPERTISE:
Union Impact on Wages
Union Behavior
Labor Economics
Public Employment & Politics
Industrial Relations
Volunteer Labor

FACULTY NUMBER 243

Lester, Ned
Professor
Extension Division
336 Burruss Hall
961-6708

EXPERTISE:
Personnel Management
Adult Education
Administration

FACULTY NUMBER 244

Lindquist, Timothy E.
Assistant Professor
Computer Science
562 McBryde Hall
961-7537

EXPERTISE:
Software Engineering
Teaching Programming
Programming Language Semantics
Human-Computer Interface

FACULTY NUMBER 245

Long, Clarence H.
Professor
Mechanical Engineering
123 Randolph
961-7106

EXPERTISE:
Power Plants
Air Conditioning, Heating, & Refrigeration
Energy Management
Energy Conservation

FACULTY NUMBER 246

Lopez, Anthony
Professor
Food Science & Technology
118 Food Science & Technology
961-6264

EXPERTISE:
Commercial Food Processing
Thermal Processing for Canned Food
Nutritive Value of Processed Food
Food Additives
Careers in Food Science & Technology
Food Processing in Developing Countries
Food Packaging

FACULTY NUMBER 247

Luckham, William R.
Associate Professor
Agricultural Economics
320 Hutcheson Hall
961-5265

EXPERTISE:
Financial Analysis & Management
Business Management
Investment Analysis
Agribusiness Management

FACULTY NUMBER 248

Ludwig, David D.
Associate Professor
Engineering Fundamentals
313 Randolph Hall
961-5055

EXPERTISE:
Construction Contract Administration
Water Resources Planning
Engineering Management
Engineering Design Administration

FACULTY NUMBER 249

Luppold, William G.
Research Associate
Agricultural Economics
213A Smyth Hall
961-5399

EXPERTISE:
Quantitative Market Models
Economics of the Hardwood Lumber Industry
FACULTY NUMBER 250
Lynch, James J.
Assistant Professor
English
115 Williams Hall
961-6918

EXPERTISE:
Eighteenth Century Fiction
European Prose Fiction Before 1740
Modern British Fiction

FACULTY NUMBER 251
Lynch, Richard L.
Professor
Vocational Technical Education
213 Lane Hall
961-5191

EXPERTISE:
Job Preparation & Employability Skills
Career Counseling
Marketing Occupations
Training for Marketing Occupations

FACULTY NUMBER 252
Malassigne, Pascal
Assistant Professor
Architecture & Environmental Design
403B Cowgill
961-6466

EXPERTISE:
Industrial Design
Barrier Free Architecture & Design
Housing & Architectural Design for the Disabled

FACULTY NUMBER 253
Manheim, Jarol B.
Associate Professor
Political Science
618 McBryde Hall
961-5298

EXPERTISE:
Communication Policy
Political Campaigning
Survey Research
Content Analysis

FACULTY NUMBER 254
Marchman, James F., III
Associate Professor

FACULTY NUMBER 255
Marlowe, Thomas J.
Professor
Animal Science
24 Agnew Hall
961-5134

EXPERTISE:
Professional Opportunities in Animal Science
Graduate Studies in Animal Science
Research Accountability & Evaluation
Dwarfism in Cattle
Crossbreeding for Beef Production

VOLUNTEER INTEREST AND EXPERIENCE:
Evaluation of USAID Projects in Developing Countries
Postgraduate Educational Development in Developing Nations

FACULTY NUMBER 256
Marriott, Norman G.
Assistant Professor
Food Science & Technology
250 Food Science & Technology
961-6719

EXPERTISE:
Meat Processing
Food Sanitation
Meat Merchandising
Meat Nutrition
Wildlife Processing
Consumer Information

VOLUNTEER INTEREST AND EXPERIENCE:
Meat Packers, Retailers
Research & Educational Organizations
Time-Life, Inc.

FACULTY NUMBER 257
Marshak, Robert E.
Professor
Physics
325 Robeson Hall
961-7565
EXPERTISE:
Nuclear Physics
Higher Education Administration
Science, Technology, & Society Problems

FACULTY NUMBER 258
Marshall, J. Paxton
Professor
Agricultural Economics
311 Hutcheson Hall
961-6848

EXPERTISE:
Land Use Policy
Agricultural Policy

FACULTY NUMBER 259
Martin, Jimmy W.
Assistant Professor
Accounting
308A Pamplin Hall
961-6720

EXPERTISE:
Auditing Theory & Procedures
Securities & Exchange Commissions
History of Accounting Thought
Internal Accounting Controls

FACULTY NUMBER 260
Mason, J. Philip
Professor
Agricultural Engineering
212 Seitz Hall
961-6087

EXPERTISE:
Agricultural Structures/Environment
Alternative Sources of Energy
Solar Energy for Livestock Shelters
Agricultural Administration

FACULTY NUMBER 261
Maxwell, Joseph W.
Associate Professor
Management, Housing, & Family Development
301 Wallace Annex
961-5997

EXPERTISE:
Marriage & Family Therapy
Family Relationships
Stress Management

FACULTY NUMBER 262
Mays, David D.
Associate Professor
Humanities
211 Performing Arts Building
961-7624

EXPERTISE:
Theatre History
Dramatic Literature
American Theatre & Drama
Directing

FACULTY NUMBER 263
McAlister, J. Douglas
Associate Professor
Community Resource Development
431 Continuing Education Ctr.
961-6921

EXPERTISE:
Recreation/Tourism
Land Use
Zoning
Community Analysis

FACULTY NUMBER 264
McBride, Cecil M.
Associate Professor
4-H
122 Hutcheson Hall
961-6372

EXPERTISE:
4-H In-school Programs
State Fair & Youth Activities
General Aviation

FACULTY NUMBER 265
McDaniel, Alan R.
Assistant Professor
Horticulture
210A Hutcheson Hall
961-7431
EXPERTISE:
Vocational Horticulture
Fruit & Vegetable Gardening
Maintenance of Ornamental Plants
Commercial Vegetable Production

FACULTY NUMBER 266

McDaniels, Carl
Professor
Counselor Education
205 University City Office
961-6890

EXPERTISE:
Career Development
Counseling
Professional Development
Career Information

FACULTY NUMBER 267

McLaughlin, Gerald W.
Associate Professor
Institutional Research
128 Smyth Hall
961-7923

EXPERTISE:
Applied Statistics
Analytical Planning Techniques
Personal Flaws/Projections
Surveys
Linear Modeling
Role Analysis

VOLUNTEER INTEREST AND EXPERIENCE:
Public Education
Civic Activity

FACULTY NUMBER 268

McNabb, F. M. Ann
Associate Professor
Biology
5038 Derring Hall
961-6118

EXPERTISE:
Animal Physiology
Endocrinology

FACULTY NUMBER 269

McNabb, Roger A.
Associate Professor
Biology
5002 Derring Hall
961-6767

EXPERTISE:
Animal Physiology
Animals Environment
Endocrinology
Zoology

FACULTY NUMBER 270

McNitt, Richard F.
Professor
Engineering Science & Mechanics
332 Norris Hall
961-6746

EXPERTISE:
Auto Safety
Motor Cycle Safety
Government Automotive Regulations
Environment/Engineering Materials

FACULTY NUMBER 271

Meacham, Thomas
Associate Professor
Animal Science
Agnew Hall
961-6936

EXPERTISE:
Horse Nutrition
Horse Management
Horse Reproduction

FACULTY NUMBER 272

Meldrum, James B.
Associate Professor
Veterinary Medicine
104 University City Office
961-7172

EXPERTISE:
Toxicology of Drug Development
Antiviral Nucleosides
Heavy Metal Toxicology

FACULTY NUMBER 273

Merkel, Robert S.
Assistant Professor
Clothing, Textiles, & Related Arts
108A Wallace Hall
961-6282

EXPERTISE:
Textile Manufacturing
Textile Evaluation
Information Retrieval
VOLUNTEER INTEREST AND EXPERIENCE:
Bird Watching
Hiking
Square & Folk Dancing

FACULTY NUMBER 274
Merriam, Allen H.
Assistant Professor
Communications Studies
201 Security Building
961-7626

EXPERTISE:
International Communication
Asian Studies
History of Oratory
Sandian Philosophy
Hindu-Muslim Conflict
Third World Development

FACULTY NUMBER 278
Milgram, Norman A.
Professor
Psychology
5076F Derring Hall
961-5672

EXPERTISE:
Exceptional Children
Developmental Disorders
Stress & Coping Mechanisms

FACULTY NUMBER 275
Merriam, Sharan B.
Assistant Professor
Adult & Continuing Education
202 University City Office
961-7573

EXPERTISE:
Adult Development
Adult Learning
Educational Gerontology
Philosophy of Adult Education

FACULTY NUMBER 279
Miller, Harlan B.
Assistant Professor
Philosophy & Religion
148 Henderson Hall
961-5654

EXPERTISE:
Logic
Ethics
Philosophy of Mind
Political Theory
Military & Naval Intelligence

FACULTY NUMBER 276
Michaels, James W.
Associate Professor
Sociology
670 McBryde Hall
961-5650

EXPERTISE:
Social Psychology
Sociology & Social Psychology of Education
Task Performance

FACULTY NUMBER 280
Miller, Orson K.
Professor
Biology
2011 Derring Hall
961-6765

EXPERTISE:
Mushrooms & Fungi
Decay Fungi
Myconhizal Fungi
Molds, Mildew, Fungi/Micotoxins
Forest Products

VOLUNTEER INTEREST AND EXPERIENCE:
Girl Scouts

FACULTY NUMBER 277
Miles, Leroy
Associate Professor
Administrative & Educational Services
206 University City Office
961-7576

FACULTY NUMBER 281
Miller, Robert H.
Associate Professor
Electrical Engineering
326 Whittemore
961-6560
EXPERTISE:
Electromechanical Instrumentation
Electromechanical Energy Conservation
Electric Networks

FACULTY NUMBER 282

Minish, Roberta M.
Assistant Professor
Extension Administration
336 Burruss Hall
961-7071

EXPERTISE:
Curriculum Development
Home Economics Education
Needs Assessment & Priority Setting

FACULTY NUMBER 283

Mitchell, Larry D.
Professor
Mechanical Engineering
204 Randolph Hall
961-7461

EXPERTISE:
Mechanical Vibrations
Noise Control
System Modeling
Computer Aided Design & Analysis

FACULTY NUMBER 284

Mittal, Yashaswini
Associate Professor
Statistics
416 Hutcheson Hall
961-7792

EXPERTISE:
Gaussian Process
Asymptotic Behavior in Gaussian Process

FACULTY NUMBER 285

Molinaro, Ursule
Professor
English
315 Williams Hall
961-6919

EXPERTISE:
Fiction

FACULTY NUMBER 286

Moore, James E.
Professor
Industrial Engineering & Operations Research
264 Whittemore Hall
961-6659

EXPERTISE:
Materials Handling
Plant Layout
Global Growth
Graph Theory

VOLUNTEER INTEREST AND EXPERIENCE:
Voluntary Action Centers

FACULTY NUMBER 287

Moore, Lawrence D.
Associate Professor
Plant Pathology & Physiology
401 Price Hall
961-6297

EXPERTISE:
Air Pollution/Vegetation
Lipids & Plant Disease
Tobacco Diseases
Plant Metabolism
Disease Physiology

VOLUNTEER INTEREST AND EXPERIENCE:
Scouting
Ecology

FACULTY NUMBER 288

Moose, Richard L.
Associate Professor
Electrical Engineering
254 Whittemore Hall
961-6658

EXPERTISE:
Target Tracking
State Estimation Theory
Naval Research
Submarine Tracking

VOLUNTEER INTEREST AND EXPERIENCE:
Explorer Scouting

FACULTY NUMBER 289

Moran, James
Assistant Professor
Management, Housing, & Family Development
140 Wallace Hall
961-6148
EXPERTISE:
Child Development
Moral Reasoning
Effects of Reward

VOLUNTEER INTEREST AND EXPERIENCE:
Talks to Groups
Tutoring
Child Recreation
Little League

FACULTY NUMBER 290
Moses, Hal L.
Professor
Mechanical Engineering
119 Randolph Hall
961-7188

EXPERTISE:
Fluid Mechanics
Turbomachinery
Solar & Wind Energy

FACULTY NUMBER 291
Moyer, Albert E.
Assistant Professor
History
530 McBryde Hall
961-5216

EXPERTISE:
History of Science
Science & Society
General Physics

FACULTY NUMBER 292
Mullins, Donald E.
Associate Professor
Entomology
311B Price Hall
961-5978

EXPERTISE:
Insect Physiology
Integrated Pest Management
Biological Degradation of Pesticides
Nitrogen Metabolism

FACULTY NUMBER 293
Mullins, Rebecca M.
Assistant Professor
Human Nutrition & Foods
Wallace Annex
961-5778

EXPERTISE:
Nutrition & Athletic Performance
Nutrition Planning
Quality Assurance in Nutrition
Nutrition for Persons with Disabilities

FACULTY NUMBER 294
Murphy, Patrick P.
Assistant Professor
University Counseling Services
222 Patton Hall
961-6557

EXPERTISE:
Counseling of Adults
Career Development
Career Information Systems

FACULTY NUMBER 295
Myers, Williams
Instructor
Mathematics
453 McBryde Hall
961-6540

EXPERTISE:
Mathematical Logic
Calculus

VOLUNTEER INTEREST AND EXPERIENCE:
Little Brother/Little Sister Program
Inner City & Delinquent Children
Political Campaigns
Church Groups

FACULTY NUMBER 296
Nachlas, Joe
Assistant Professor
Industrial Engineering & Operations Research
320 Whittemore Hall
961-5357

EXPERTISE:
Operations Research
Management (Hospital)
Medical Care Delivery Systems
Optimal Design
Nuclear Fuel Cycle

FACULTY NUMBER 297
Nachman, Robert
Assistant Professor
Finance, Insurance & Business
210B Pamplin Hall
961-7053
EXPERTISE:
Financial Management
International Financial Management
International Business Management
Financial Theory

FACULTY NUMBER 298
Nehl, Thomas W.
Assistant Professor
Electrical Engineering
267A Whittenmore Hall
961-6621

EXPERTISE:
Modeling of Electromagnetic Fields
Modeling of Electronically Operated Machines
Power Electronics
Nondestructive Testing of Materials

VOLUNTEER INTEREST AND EXPERIENCE:
IEEE Power Engineering Society

FACULTY NUMBER 299
Ney, John J.
Assistant Professor
Fisheries & Wildlife Science
106 Cheatham Hall
961-7292

EXPERTISE:
Reservoir Fisheries
Fisheries Management
Resource Requirements of Fish
Population Ecology

FACULTY NUMBER 300
Nielson, Larry A.
Assistant Professor
Fisheries & Wildlife Science
146 Cheatham Hall
961-6959

EXPERTISE:
Aquatic Ecology
Fishery Management
Conservation of Natural Resources

FACULTY NUMBER 301
Noren, Richard
Instructor
Mathematics
633 McBryde Hall
961-5956

EXPERTISE:
Mathematics

FACULTY NUMBER 302
O'Dell, Charles R.
Assistant Professor
Horticulture
219 Hutcheson Hall
961-5914

EXPERTISE:
Vegetable Crops
Small Fruit Crops
Greenhouse Vegetable Production
Small Farm Crop Production & Marketing

FACULTY NUMBER 303
Onega, Ronald J.
Associate Professor
Mechanical Engineering
100C Randolph Hall
961-7274

EXPERTISE:
Fusion Energy
Fission Energy

FACULTY NUMBER 304
Opell, Brent O.
Assistant Professor
Biology
2113C Derring Hall
961-7445

EXPERTISE:
Invertebrate Zoology
Spider Systematics
Spider Behavior

FACULTY NUMBER 305
O'Reilly, Patrick A.
Assistant Professor
Vocational Technical Education
300 Lane Hall
961-5175

EXPERTISE:
Career Development
Educational Research
Teacher Education
Research Design & Methodology
FACULTY NUMBER 306

Orth, Donald J.
Assistant Professor
Fisheries & Wildlife Science
156 Cheatham Hall
961-5919

EXPERTISE:
Fisheries Management
Population Dynamics
Stream Fisheries
Computer Applications
Environmental Impacts

FACULTY NUMBER 307

Ossa, Jorge E.
Instructor
Veterinary Medicine
University City Office
961-7758

EXPERTISE:
Veterinary Medicine
Virology
Epidemiology (Infectious Diseases)
Immunology

FACULTY NUMBER 308

Oyler, J. Mack
Professor
Veterinary Medicine
105 University City Office
961-7666

EXPERTISE:
Opportunities in Veterinary Medicine

FACULTY NUMBER 309

Palermo, Joseph
Professor
Foreign Languages
107 Holden Hall
961-5260

EXPERTISE:
French Language & Literature
Italian Language & Literature
Romance Linguistics
Romance Dialectology

FACULTY NUMBER 310

Parker, John C.
Assistant Professor
Agronomy
334B Smyth Hall
961-6300

EXPERTISE:
Soil Physics
Soil Physical Chemistry

FACULTY NUMBER 311

Parrish, David J.
Assistant Professor
Agronomy
335 Smyth Hall
961-6300

EXPERTISE:
Seed Physiology & Technology
Crop Physiology
Plant Growth & Development
Fuel Farming

FACULTY NUMBER 312

Parson, Steve R.
Associate Professor
Administrative & Educational Services
214 University City Office

EXPERTISE:
Citizen Participation
Community Education/Community Schools
Organizational Development
Educational Program Development/Continuing Education
Community Development Process
Needs Assessment
Interagency Linkages

VOLUNTEER INTEREST AND EXPERIENCE:
Citizen Participation on Councils, Boards, & Commissions

FACULTY NUMBER 313

Parsons, Bernard L.
Associate Professor
Agricultural Engineering
203 Seitz Hall
961-6091

EXPERTISE:
4-H Soil & Water Conservation Projects
Mechanical Science & Energy
Automotive Care & Safety
Bicycle Project
Electric/Energy Project
Petroleum Power Projects
Woodworking Projects
FACULTY NUMBER 314

Pavlock, Ernest J.
Professor
Accounting
307B Pamplin Hall
961-6564

EXPERTISE:
Certified Public Accountant
Management
Continuing Professional Education
Behavioral Accounting
Organizational Behavior
International Accounting

FACULTY NUMBER 315

Pearson, Joanne M.
Assistant Professor
Vocational Technical Education
200 Lane Hall
961-5377

EXPERTISE:
Home Economics Education
Nutrition Education
Teacher Education
Evaluation in Home Economics

VOLUNTEER INTEREST AND EXPERIENCE:
Girl Scout Program Planning
Parent Volunteer Programming in Elementary Schools

FACULTY NUMBER 316

Pendergrass, Barbara
Instructor
University Counseling Services
222 Patton Hall
961-6557

EXPERTISE:
Academics-Study Skills
Sociology-Youth Development
Social Problems-Community Action Programs

VOLUNTEER INTEREST AND EXPERIENCE:
Programs to Aid Indigent & Handicapped Persons

FACULTY NUMBER 317

Perumpral, John V.
Associate Professor
Agricultural Engineering
314 Seitz Hall
961-7604

FACULTY NUMBER 318

Pienkowski, Robert L.
Professor
Entomology
308 Price Hall
961-6614

EXPERTISE:
Forage Insects
Pest Management

FACULTY NUMBER 319

Pinnock, Theodore J.
Professor
Special Programs
110 Hutcheson Hall
961-7838

EXPERTISE:
Program Development
Program Evaluation
Program Administration
Proposal Writing

VOLUNTEER INTEREST AND EXPERIENCE:
Minority Involvement in Federal & State Programs

FACULTY NUMBER 320

Poe, Sidney L.
Professor
Entomology
216 Price Hall
961-6341

EXPERTISE:
Acarology
Pest Management
Entomology
Crop Protection

VOLUNTEER INTEREST AND EXPERIENCE:
Bible Instruction

FACULTY NUMBER 321

Polan, Carl E.
Professor
Dairy Science
307 Saunders Hall
961-5287
EXPERTISE:
Dairy Cattle Nutrition
Ruminant & General Nutrition
Ruminal Bypass Concepts
Dairy Cattle Feeding & Management

VOLUNTEER INTEREST & EXPERIENCE:
Scouting Program

FACULTY NUMBER 322
Porter, Robert
Assistant Professor
Art
106 Williams Hall
961-5016

EXPERTISE:
Contemporary Art
Art Criticism
Modern Art
Comparative Arts & Humanities

FACULTY NUMBER 323
Post, Daniel
Professor
Engineering Science & Mechanics
222 Norris Hall
961-6349

EXPERTISE:
Solid Mechanic
Deformation & Strain in Engineering
Optical Interferometry
Photoelasticity

VOLUNTEER INTEREST AND EXPERIENCE:
Engineering Problems

FACULTY NUMBER 324
Potter, Lawrence M.
Professor
Poultry Science
203 Poultry Science Building
961-6284

EXPERTISE:
Poultry Nutrition
Turkey Nutrition
Protein & Amino Acids
Antibiotics

VOLUNTEER INTEREST AND EXPERIENCE:
FMR Shelter Home

FACULTY NUMBER 325
Powell, Norris L.
Associate Professor
Agronomy
245 Smyth Hall
961-5741

EXPERTISE:
Soil Physics
Remote Sensing
Climatology (Agricultural)
Integrated Pest Management

FACULTY NUMBER 326
Protinsky, Howard
Associate Professor
Management, Housing, & Family Development
126 Jackson Street
961-7208

EXPERTISE:
Child & Family Therapy
Parent Education
Emotional Development of Children
Marriage & Family Therapy

FACULTY NUMBER 327
Rahman, Saifur
Assistant Professor
Electrical Engineering
262 Whittemore Hall
961-7204

EXPERTISE:
Electric Power Systems
Power System Planning

FACULTY NUMBER 328
Randall, Clifford W.
Professor
Civil Engineering
322 Norris Hall
961-6018

EXPERTISE:
Sewage Treatment
Industrial Waste Treatment
Water Treatment
Storm Water Runoff Control
FACULTY NUMBER 329
Reddy, Junuthula N.
Professor
Engineering Science & Mechanics
220 Norris Hall
961-6744
EXPERTISE:
Finite Element Methods
Methods in Engineering & Science
Computational Fluid Dynamics

FACULTY NUMBER 330
Rees, Loren Paul
Assistant Professor
Management Science
208B Pamplin Hall
961-5804
EXPERTISE:
Short, Multiple Time Series
Transportation Funding

FACULTY NUMBER 331
Reid, Robert D.
Instructor
Human Nutrition & Foods
313 Wallace Hall
961-5840
EXPERTISE:
Food Service
Lodging Management
Marketing

FACULTY NUMBER 332
Reifsnider, Kenneth L.
Professor
Engineering Science & Mechanics
102A Norris Hall
961-5316
EXPERTISE:
Strength, Stiffness & Life of Materials
Composite Materials
Nondestructive Evaluation
Fatigue

FACULTY NUMBER 333
Reilly, Susan S.
Assistant Professor
Communications Studies
205C Security
961-7136
EXPERTISE:
Media History & Law
Visual Library
Community Media
Nonverbal Communication

FACULTY NUMBER 334
Relf, Diane
Assistant Professor
Horticulture
139 Smyth Hall
961-6254
EXPERTISE:
Home Food Production
Horticulture Therapy

FACULTY NUMBER 335
Riad, Aicha A. R.
Assistant Professor
Electrical Engineering
356 Whittemore Hall
961-7718
EXPERTISE:
Semiconductor Devices
Hybrid Microelectronics
Electronics

FACULTY NUMBER 336
Riad, Sedki M.
Assistant Professor
Electrical Engineering
322 Whittemore Hall
961-6625
EXPERTISE:
Fiber Optics
Time Domain Metrology
Microwave
Signal Processing

FACULTY NUMBER 337
Rich, Richard C.
Assistant Professor
Political Science
628 McBryde Hall
961-5491
EXPERTISE:
Program Evaluation
Neighborhood Organization
Survey Research
Local Government
VOLUNTEER INTEREST AND EXPERIENCE:
Criminal Justice

FACULTY NUMBER 338
Rimstidt, J. Donald
Assistant Professor
Geochemistry
1041 Derring Hall
961-6589

EXPERTISE:
Geochemical Kinetics
Electrolyte Solution Models
Mineral Solubility
Water Chemistry
Metallic Ore Deposits
Geothermal Energy

FACULTY NUMBER 342
Rogers, Cosby S.
Assistant Professor
Management, Housing, & Family Development
128 Wallace Hall
961-6148

EXPERTISE:
Child Rearing
Intellectual Development of Infants & Preschoolers
Nursery School Teacher Training
Child Development
Childhood Obesity

VOLUNTEER INTEREST AND EXPERIENCE:
Childhood Obesity Research
Training Daycare Teachers and Aides

FACULTY NUMBER 343
Rohr, John A.
Associate Professor
Center for Public Administration & Policy
104 Draper Road
961-5133

EXPERTISE:
Ethics in Public Administration
Law & Conscience

FACULTY NUMBER 344
Roper, L. David
Professor
Physics
309 Robeson Hall
961-5353

EXPERTISE:
Elementary Particles Scattering Analyses
Excitable Membranes
Mineral Production
Educational Computing

VOLUNTEER INTEREST AND EXPERIENCE:
Computers in Education
<table>
<thead>
<tr>
<th>FACULTY NUMBER</th>
<th>Name</th>
<th>Title</th>
<th>Department</th>
<th>Office Location</th>
<th>Phone</th>
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<td>345</td>
<td>Rude, Lawrence C.</td>
<td>Assistant Professor</td>
<td>Civil Engineering</td>
<td>302B Norris Hall</td>
<td>961-6015</td>
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<td>346</td>
<td>Ruggiero, Cheryl W.</td>
<td>Instructor</td>
<td>English</td>
<td>124A Williams Hall</td>
<td>961-5436</td>
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<td>347</td>
<td>Sabaroff, Rose E.</td>
<td>Professor</td>
<td>Curriculum &amp; Instruction</td>
<td>315 War Memorial Gym</td>
<td>961-5558</td>
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<td>348</td>
<td>Saffle, Michael</td>
<td>Assistant Professor</td>
<td>Humanities &amp; Music</td>
<td>308 Performing Arts Building</td>
<td>961-5949</td>
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<td>349</td>
<td>Saric, William S.</td>
<td>Professor</td>
<td>Engineering Science &amp; Mechanics</td>
<td>329C Norris Hall</td>
<td>961-6071</td>
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**EXPERTISE:**
- Civil Engineering
- English as a Second Language
- Pronunciation
- Vocabulary & Fluency Improvement
- Grammar & Composition Skills
- Teaching of Reading
- Developing Language in Kindergarten
- Tutoring
- Fluid Mechanics
- Aerodynamics
- Energy Efficient Air Crafts
- Laminar Flow Control
- Mathematics
- Printmaking
- Drawing
- Materials in Painting
- Reproductive Physiology
- Environmental Contamination
- Vertebrate Pest Control
- Motion Picture Production
- Photography
FACULTY NUMBER 354
Schilinski, Brenda J.
Associate Professor
Air Force ROTC
212 Military Building
961-6404
EXPERTISE:
Geodetic Surveying
Geodesy
Air Force Careers

FACULTY NUMBER 355
Schmidt, B. June
Assistant Professor
Vocational Technical Education
205 Lane Hall
961-5471
EXPERTISE:
Business Education
Curriculum & Development
Student Recruitment
Competency-Based Vocational Education

FACULTY NUMBER 356
Schmidt, Constance R.
Assistant Professor
Psychology
4094 Derring Hall
961-5938
EXPERTISE:
Communication Skills in Children
Inferential Abilities in Children
Cognitive Development in Children

FACULTY NUMBER 357
Schmidt, Donald E.
Assistant Professor
Psychology
5102 Derring Hall
961-7916
EXPERTISE:
Social Psychology
Environmental Psychology

FACULTY NUMBER 358
Schuetz, Arnold
Assistant Director
University International Programs
105 Patton Hall
961-6527

FACULTY NUMBER 359
Schurig, Gerhardt
Assistant Professor
Veterinary Medicine
7 Veterinary Science
961-7666
EXPERTISE:
Immunologist
Veterinarian

FACULTY NUMBER 360
Schuster, Camille P.
Lecturer
Management
208H Pamplin Hall
961-5115
EXPERTISE:
Organizational Communication
Personnel Administration
Group Decision Making & Problem Solving
Management
VOLUNTEER INTEREST AND EXPERIENCE:
Writing Newspaper Column
Preparing Grant Applications
Coordinating Projects

FACULTY NUMBER 361
Schutt, Dale W.
Research Associate
Physics
1 Robeson Hall
961-5627
EXPERTISE:
Analog & Digital Circuit Design
System Design
Linear Acceleration Facility Management
Electro-Optical Systems Implementation

FACULTY NUMBER 362
Schwertz, Courtney
Associate Professor
4-H
120 Hutcheson Hall
961-6374
EXPERTISE:
Leadership
Educational Systems
Teamwork

FACULTY NUMBER 363

Scoggins, James L.
Professor
English
214 Williams Hall
961-6513

EXPERTISE:
English Literature
American Literature

FACULTY NUMBER 364

Scott, Catherine M.
Lecturer
Business Administration
2B White House
961-7754

EXPERTISE:
Employee Relations

VOLUNTEER INTEREST AND EXPERIENCE:
Development & Application of Business Management Principle to Volunteer Management

FACULTY NUMBER 365

Scott, Dow
Assistant Professor
Management
108D Pamplin Hall
961-5061

EXPERTISE:
Volunteer Management Training

VOLUNTEER INTEREST AND EXPERIENCE:
Managing Volunteers

FACULTY NUMBER 366

Secolski, Charles
Assistant Professor
Administrative & Educational Services
284 University City Office
961-6081

EXPERTISE:
Evaluation Methodology
Program Evaluation
Statistical Analysis
Case Study Methodology
Measurement & Testing

FACULTY NUMBER 367

Servaites, Jerome C.
Assistant Professor
Biology
3035 Derrington Hall
961-5407

EXPERTISE:
Plant Physiology
Photosynthesis
Plant Growth
Soybean

VOLUNTEER INTEREST AND EXPERIENCE:
Gradening
Landscaping

FACULTY NUMBER 368

Sewell, Ed H.
Assistant Professor
Communication Studies
101A Price Hall
961-5052

EXPERTISE:
Listening
Public Relations
Religious Communication

FACULTY NUMBER 369

Shabman, Leonard A.
Associate Professor
Agricultural Economics
301 Hutcheson Hall
961-6844

EXPERTISE:
Community Water & Sewer Planning & Financing
Land Use Issues

FACULTY NUMBER 370

Sheldon, Philip B.
Assistant Director
Institutional Research
112 Hutcheson Hall
961-7926

EXPERTISE:
Retirement Benefits
Virginia Supplemental Retirement System
Small-Scale Data Bases
Management Information System
VOLUNTEER INTEREST AND EXPERIENCE:
International Folk Dancing

FACULTY NUMBER 371
Sherali, Hanif D.
Assistant Professor
Industrial Engineering & Operations Research
358 Whittemore Hall
961-5474

EXPERTISE:
Mathematical Programming
Location Theory & Applications
Economic Mathematical Modeling & Analysis

FACULTY NUMBER 372
Sherman, Thomas M.
Associate Professor
Curriculum & Instruction
107 War Memorial Gym
961-5920

EXPERTISE:
Educational Psychology
Instructional Design
Classroom Management

VOLUNTEER INTEREST AND EXPERIENCE:
Volunteers in Education

FACULTY NUMBER 373
Sherrard, Joseph H.
Associate Professor
Engineering
320 Norris Hall
961-6019

EXPERTISE:
Environmental Engineering
Water & Wastewater Treatment

FACULTY NUMBER 374
Shifflett, Peggy A.
Assistant Professor
Sociology
639 McBryde Hall
961-5227

EXPERTISE:
Sociologist
Gerontology
Social Factors & Food Habits

FACULTY NUMBER 375
Shingles, Richard D.
Associate Professor
Political Science
620 McBryde Hall
961-5320

EXPERTISE:
Methodology
Public Opinion
Black Politics
Political Participation

FACULTY NUMBER 376
Shoemaker, Donald J.
Associate Professor
Sociology
640 McBryde Hall
961-6495

EXPERTISE:
Crime
Delinquency
Community Development

VOLUNTEER INTEREST AND EXPERIENCE:
Crime
Delinquency
Community Development

FACULTY NUMBER 377
Simon, Richard M.
Assistant Professor
Environmental & Urban Studies
106A Architecture Annex
961-6217

EXPERTISE:
Economic Development
Energy Development Impact
Coal Industry Economics

VOLUNTEER INTEREST AND EXPERIENCE:
Appalachian Peoples Movement

FACULTY NUMBER 378
Simpson, Patrick
Associate Professor
Music
306 Performing Arts Building
961-5334

EXPERTISE:
Music Composition
Music Theory
Teaching of Instruments
Music
FACULTY NUMBER 379

Singh, Mahendra P.  
Associate Professor  
Engineering Science & Mechanics  
227 Norris Hall  
961-5726

EXPERTISE:  
Civil Engineering & Mechanics  
Earthquake Engineering  
Structural Design  
Nuclear Power Plants

FACULTY NUMBER 380

Sirgy, M. Joseph  
Assistant Professor  
Business Administration  
110A Pamplin Hall  
961-5110

EXPERTISE:  
Personality/Social Psychology  
Human Motivation  
Industrial Psychology  
Marketing

VOLUNTEER INTEREST AND EXPERIENCE:  
Individual Psychological Development  
Organizational Development  
Community Development  
Societal Problems

FACULTY NUMBER 381

Skipper, James K., Jr.  
Professor  
Sociology  
644 McBryde Hall  
961-6546

EXPERTISE:  
Sociology of Health Organizations  
Social Agencies  
Sociology of Health Occupations  
Deviant Behavior  
Health Issues & Problems

VOLUNTEER INTEREST AND EXPERIENCE:  
Deviant Behavior: Mental Illness, Sexual Deviance  
Alcohol & Drug Abuse

FACULTY NUMBER 382

Slack, Lyle H.  
Associate Professor  
Material Engineering  
310 Holden Hall  
961-5600

EXPERTISE:  
Inorganic Materials  
Thin Film Materials  
Semiconducting Materials

FACULTY NUMBER 383

Slayton, Aubrey R.  
Professor  
Extension Staff Development  
107 Hutcheson Hall  
961-6854

EXPERTISE:  
Education Program Development  
Faculty & Staff Development  
Extension Curriculum Development

FACULTY NUMBER 384

Smeal, Paul L.  
Professor  
Horticulture  
231 Smyth Hall  
961-5609

EXPERTISE:  
Nursery Production  
Plant Propagation  
Beeding Plant Production  
Starting a Nursery or Greenhouse Business

VOLUNTEER INTEREST AND EXPERIENCE:  
Boy Scouts  
Lions Club  
PTA

FACULTY NUMBER 385

Smith, Claude C.  
Assistant Professor  
English  
103 Williams Hall  
961-7299

EXPERTISE:  
Creative Writing

FACULTY NUMBER 386

Smith, Easley S.  
Associate Professor  
Agricultural Engineering  
2140 Seitz Hall  
961-7610

EXPERTISE:  
Farm Power & Machinery Selection  
Application of Fertilizer & Pesticides  
Reduced and No-Tillage Harvesting of Agricultural Crops
FACULTY NUMBER 387

Smith, Glenn A., II
Professor
Army ROTC
224 Military Building
961-6401

EXPERTISE:
Military Affairs
Helicopter Flying
Helicopter Operations
National Defense Policy

FACULTY NUMBER 388

Smith, James C.
Associate Professor
Mathematics
436 McBryde Hall
961-6942

EXPERTISE:
General Topology
Analysis
Organizing & Directing a Conference

VOLUNTEER INTEREST AND EXPERIENCE:
Problem Solving

FACULTY NUMBER 389

Smith, Nicholas D.
Associate Professor
Philosophy & Religion
147 Henderson Hall
961-5775

EXPERTISE:
Ancient Greek Philosophy
Ancient Greek Culture
Science Fiction Studies
Utopian Thought

VOLUNTEER INTEREST AND EXPERIENCE:
Consulting Geriatrics Ward, V.A. Hospital

FACULTY NUMBER 390

Sorrentino, Paul
Assistant Professor
English
111 Williams Hall
961-6901

EXPERTISE:
Early American Literature
Technical Writing
Business English

FACULTY NUMBER 391

Spahr, Janet E.
Assistant Professor
Social Science Division
Carol Newman Library
961-5589

EXPERTISE:
Library Use
Federal, State, & Local Documents
Law & Political Literature Searching

FACULTY NUMBER 392

Speer, Jean H.
Associate Professor
Communication Studies
205A Security Building
961-7161

EXPERTISE:
Performance of Literature
Appalachian Folklore & Folklife
Oral Tradition
Human Communications
Public Speaking

VOLUNTEER INTEREST AND EXPERIENCE:
Regional Studies & Resources
Problems in Human Communication

FACULTY NUMBER 393

Spencer, Mary Ellen
Lecturer
Home Economics Administration
213 Wallace Hall
961-5380

EXPERTISE:
Cookbook Editing & Writing
Creative Recipe Development
Food Photography
Food Communication

FACULTY NUMBER 394

Spengler, Manfred L.
Assistant Professor
Industrial Engineering & Operations Research
276 Whittemore Hall
961-5108

EXPERTISE:
Productivity Improvement & Cost Containment
Value Engineering
Work Measurement & Simplification
Creative Problem Solving & Decision Making
VOLUNTEER INTEREST AND EXPERIENCE:
Time Management
Creative Thinking
Supervisory Development
Training Programs for Industrial Staff

FACULTY NUMBER 395

Sporakowski, Michael J.
Professor
Management, Housing, & Family Development
201 Wallace Annex
961-5434

EXPERTISE:
Marriage & Family Therapy
Family Planning/Contraception
Human Sexuality

VOLUNTEER INTEREST AND EXPERIENCE:
Mental Health & Social Services
Credit Unions
Police Crisis Intervention

FACULTY NUMBER 396

Stallings, Charles C.
Research Associate
Dairy Science
301 Saunders Hall
961-6331

EXPERTISE:
Ration Formulation for Cattle
Ruminant Nutrition
Forage Preservation

FACULTY NUMBER 397

Starling, Thomas M.
Professor
Agronomy
329 Smyth Hall
961-6483

EXPERTISE:
Barley Breeding
Wheat Breeding
Small Grain Culture
Plant Genetics

FACULTY NUMBER 398

Starner, David E.
Research Associate
Agronomy
245 Smyth Hall
961-5741

EXPERTISE:
Soil Survey
Soil Morphology
Soil Classification

VOLUNTEER INTEREST AND EXPERIENCE:
Environmental Science
Outdoor-Nature Experience
Boy Scouts

FACULTY NUMBER 399

Steiss, Alan W.
Professor
Research Division
340 Burruss Hall
961-5284

EXPERTISE:
Public Budgeting
Management Control
Planning & Land Use Controls
Public Policy Analysis

FACULTY NUMBER 400

Stern, E. George
Professor
Forest Products
Sardo Laboratory
961-6639

EXPERTISE:
Wood Construction
Wood Assembly
Pallets
Mechanical Fasteners for Wood

FACULTY NUMBER 401

Stevens, N. Thomas
Professor
Civil Engineering
323 Norris Hall
961-6023

EXPERTISE:
Air Pollution
Air Resources

FACULTY NUMBER 402

Stewart, Larry W.
Research Associate
Agronomy
B445 Smyth Hall
961-6481

EXPERTISE:
Sewage Disposal
FACULTY NUMBER 403
Stipes, Roland J.
Professor
Plant Pathology & Physiology
417 Price Hall
961-7479

EXPERTISE:
Landscape Tree Diseases
Plant Disease Control
Fungicides
Mycology

FACULTY NUMBER 404
Stratton, Richard K.
Assistant Professor
Physical Education
215 War Memorial Gym
961-7280

EXPERTISE:
Motor Skills Learning & Performance
Psychological Aspects of Youth Sports Programs

FACULTY NUMBER 405
Stubblefield, Harold W.
Associate Professor
Adult & Continuing Education
208 University City Office
961-7577

EXPERTISE:
Adult Education
Designing Adult Learning Experiences
Small Group Process & Team Building
Training in Volunteer Agencies

FACULTY NUMBER 406
Stump, Donald
Assistant Professor
English
317 Williams Hall
961-6919

EXPERTISE:
Renaissance Literature
Expository Writing

FACULTY NUMBER 407
Stump, Eleonore
Associate Professor
Philosophy & Religion
154 Henderson Hall
961-5932

EXPERTISE:
Medieval Philosophy
Philosophy of Religion
Ancient Philosophy
History of Logic

VOLUNTEER INTEREST AND EXPERIENCE:
Christian Groups
Children's Groups

FACULTY NUMBER 408
Sturn, Albert L.
Professor
Center for Public Administration & Policy
104 Draper Road
961-5197

EXPERTISE:
American State Constitution
Constitutional Revision

FACULTY NUMBER 409
Swindell, Richard
Assistant Professor
Agronomy
238 Smyth Hall
961-6483

EXPERTISE:
Plant Breeding-Alfalfa
Genetics
Analysis of Experiment

FACULTY NUMBER 410
Sword, James H.
Professor
Engineering Science & Mechanics
225 Norris Hall
961-6743

EXPERTISE:
Solid Mechanics
Computer Programming
Civil Engineering
Construction Inspection

FACULTY NUMBER 411
Szeless, Adorjan G.
Associate Professor
Mechanical Engineering
100F3 Randolph Hall
961-7160
EXPERTISE:
Naval Architecture
Marine Engineering
Applied Thermodynamics
Applied Fluid Mechanics

FACULTY NUMBER 412
Taylor, Charles L.
Professor
Political Science
626 McBryde Hall
961-6814

EXPERTISE:
British Politics
West German Politics

FACULTY NUMBER 413
Taylor, Larry T.
Professor
Chemistry
7 Davidson Hall
961-6680

EXPERTISE:
Inorganic Chemistry
Analytical Chemistry
Coal Chemistry
Modification of Polymers

FACULTY NUMBER 414
Telionis, Demetrio P.
Professor
Engineering Science & Mechanics
232 Norris Hall
961-7492

EXPERTISE:
Aerodynamics
Pipe Flows
Aerodynamic Measurement
Laser Doppler Velocimetry

FACULTY NUMBER 415
Terrell, William R.
Assistant Professor
Learning Resources Center
133 McBryde Hall
961-5879

EXPERTISE:
Curriculum Design
Course Design
Instructional Material Design
Multi-media

FACULTY NUMBER 416
Thomas, James R.
Associate Professor
Mechanical Engineering
100F4 Randolph Hall
961-7270

EXPERTISE:
Particle Transport Theory
Heat Transfer
Solar Collectors
Nuclear Reactor Theory

FACULTY NUMBER 417
Thompson, Ann E.
Professor
Extension Division
336 Burruss Hall
961-6707

EXPERTISE:
Program Management
Adult Education
Home Economics
Administration

FACULTY NUMBER 418
Thorn, George
Assistant Professor
Theatre Arts
207 Performing Arts Building
961-5505

EXPERTISE:
Arts Management
Not-for-profit Theatre
General Manager: Broadway & Off-Broadway Productions
Production Stage Manager

FACULTY NUMBER 419
Tideman, Nicolaus
Associate Professor
Economics
301 Sandy Hall
961-1592

EXPERTISE:
Collective Decision
Taxation
FACULTY NUMBER 420
Tieleman, Henry
Professor
Engineering Science & Mechanics
230 Norris Hall
961-6891

EXPERTISE:
Fluid Mechanics
Turbulence & Turbulent Flows
Atmosphere Turbulence
Wind Engineering

FACULTY NUMBER 421
Tlou, Josiah S.
Assistant Professor
Curriculum & Instruction
320 War Memorial Gym
961-5545

EXPERTISE:
Teacher Education
Social Studies Education
Multicultural Education
Southern African History

FACULTY NUMBER 422
Todd, Robert M.
Associate Professor
Curriculum & Instruction
321 War Memorial Gym
961-5455

EXPERTISE:
Mathematics
Metric Education
Learning Disabilities in Children & Adults

VOLUNTEER INTEREST AND EXPERIENCE:
Adult Education
Civil Rights
Social Action
Upward Bound

FACULTY NUMBER 423
Tolin, Sue A.
Associate Professor
Plant Pathology & Physiology
107 Glade Road
961-5800

EXPERTISE:
Plant Virology
Virus Diseases of Legumes & Tobacco
Serodiagnosis of Viruses
Electron Microscopy

FACULTY NUMBER 424
Tran, Thanh Khanb
Assistant Professor
Civil Engineering
322B Randolph Hall
961-5262

EXPERTISE:
Transportation Engineering

FACULTY NUMBER 425
Tyagi, Pradeep
Assistant Professor
Marketing
201E Pamplin Hall
961-7380

EXPERTISE:
Sales Management
Marketing Management

VOLUNTEER INTEREST AND EXPERIENCE:
Marketing of Non-Profit Organizations

FACULTY NUMBER 426
Tyson, John
Assistant Professor
Biology
5029 Derring Hall
961-6055

EXPERTISE:
Mathematical Biology
Cell Biology

FACULTY NUMBER 427
Upah, Gregory D.
Assistant Professor
Marketing
210D Pamplin Hall
961-7375

EXPERTISE:
Survey Research Methods
Data Analysis
Marketing Management Theory

VOLUNTEER INTEREST AND EXPERIENCE:
Survey Research Design
FACULTY NUMBER 428
Valentine, Glenn W.
Assistant Director
Admissions & Records
104 Burruss Hall
961-6267

EXPERTISE:
Recruitment
Minority Affairs

FACULTY NUMBER 429
Van Dresser, William
Professor
Extension Division
336 Burruss Hall
961-6705

EXPERTISE:
Extension Administration
Extension Programs

FACULTY NUMBER 430
Van Krey, Harry P.
Associate Professor
Poultry Science
104B Poultry Research Center
961-5613

EXPERTISE:
Avian Physiology
Avian Reproduction

FACULTY NUMBER 431
Vaughan, David H.
Associate Professor
Agricultural Engineering
311 Seltz Hall
961-7608

EXPERTISE:
Energy Use in Agriculture
Alternative Sources of Energy
Energy Recovery Systems

FACULTY NUMBER 432
Veit, Hugo P.
Assistant Professor
Veterinary Medicine
CVM Research Center
961-7666

EXPERTISE:
Veterinary Medicine
Veterinary Pathology
Dairy Cattle Management
Animal Housing Air Quality

FACULTY NUMBER 433
Vodak, Mark C.
Assistant Professor
Forestry
304A Cheatham Hall
961-7416

EXPERTISE:
Forest Resource Management
Private Nonindustrial Forest Management
Wood for Energy

FACULTY NUMBER 434
Walker, William R.
Professor
Civil Engineering
617 North Main Street
961-5624

EXPERTISE:
Water Law
Civil Engineer

FACULTY NUMBER 435
Wampler, Kathleen W.
Assistant Professor
Management, Housing, & Family Development
230 Wallace Hall
961-6677

EXPERTISE:
Child Development
Parent Education
Working With Adolescents
Early Childhood (0-6)

VOLUNTEER INTEREST AND EXPERIENCE:
Child-Care Centers

FACULTY NUMBER 436
Wamsley, Gary L.
Professor
Center for Public Administration & Policy
104 Draper Road
961-5133
EXPERTISE:
Military Manpower Policy
National Service
The Draft
Community Mobilization
Citizen Participation in Criminal Justice

VOLUNTEER INTEREST AND EXPERIENCE:
Military Manpower Policy
National Service
The Draft
Community Mobilization
Citizen Participation in Criminal Justice

FACULTY NUMBER 437
Wang, Joseph C.
Associate Professor
Architecture
304 Cowgill Hall
961-5796
EXPERTISE:
Architecture Design
Design Theory & Methods

FACULTY NUMBER 438
Ward, Richard W.
Associate Professor
Theatre Arts
209 Performing Arts Building
961-5381
EXPERTISE:
Lights Design & Control Systems
Technical Production & Rigging
Theatrical Concepts Development

FACULTY NUMBER 439
Wardell, Mark L.
Assistant Professor
Sociology
672 McBryde Hall
961-5650
EXPERTISE:
Complex Organization
Strikes & Social Movements
Coal Mining

FACULTY NUMBER 440
Watson, Layne
Assistant Professor
Computer Science
537 McBryde Hall
961-7540
EXPERTISE:
Numerical Analysis
Nonlinear Programming
Mathematical Software
Engineering Software

FACULTY NUMBER 441
Weaver, William C., Jr.
Associate Professor
Poultry Science
101 Poultry Office Building
961-6124
EXPERTISE:
Broiler Production
Poultry House Ventilation
Poultry Lighting Programs
Broiler House Construction & Costs

FACULTY NUMBER 442
Weizenbaum, Freya A.
Assistant Professor
Psychology
5093H Derring Hall
961-5388
EXPERTISE:
Psychobiology
Hormones & Behavior
Physiological Mechanisms In Reproduction
Sex Differences in Behavior

FACULTY NUMBER 443
Wells, Helen
Associate Professor
Management, Housing, & Family Development
204 Wallace Annex
961-5450
EXPERTISE:
Space in Housing
Space Arrangement
Family Housing in General

FACULTY NUMBER 444
Wengert, Eugene M.
Associate Professor
Forest Products
210 Cheatham Hall
961-5560
EXPERTISE:
Firewood Drying & Use
Lumber Drying & Use
Furniture Manufacturing
Solar Drying

VOLUNTEER INTEREST AND EXPERIENCE:
Moisture in Housing
Mildew in Housing
Hobbies: Use of Wood

FACULTY NUMBER 445
Wentworth, Jane
Assistant Professor
Human Nutrition & Foods
Room 2, Wallace Annex
961-6943

EXPERTISE:
Maternal & Infant Food & Nutrition
Nutrition & Aging
Nutrition Programs & Services

VOLUNTEER INTEREST AND EXPERIENCE:
Cardiac Rehabilitation Programs
Headstart
Nutrition & Aging Program
Women, Infant, & Children's Food Supplementary Program
Community Nutrition

FACULTY NUMBER 446
White, Harlan E.
Professor
Agronomy
419 Smyth Hall
961-6486

EXPERTISE:
Pasture Management
Silage Production
Hay Production

FACULTY NUMBER 447
White, Robert H.
Assistant Professor
Biochemistry & Nutrition
103A Biochemistry & Nutrition
961-6605

EXPERTISE:
Biochemistry
Trace Organic Analysis
Natural Products Chemistry
Prebiotic Chemistry

FACULTY NUMBER 448
White, William M.
Professor
English
211 Williams Hall
961-6917

EXPERTISE:
Poetry
American Literature
Creative Writing

VOLUNTEER INTEREST AND EXPERIENCE:
Poetry Reading
Guest Speaking

FACULTY NUMBER 449
Whitelaw, Robert L.
Professor
Mechanical Engineering
122 Randolph Hall
961-7187

EXPERTISE:
Energy Conservation Systems
Transportation
Energy Storage Systems
Gas Turbine & Jet Propulsion
Nuclear Power Generation
Geothermal Energy

FACULTY NUMBER 450
Wightman, James S.
Professor
Chemistry
230 Davidson Hall
961-5854

EXPERTISE:
Surface Chemistry
Environmental Chemistry
Collid Chemistry

FACULTY NUMBER 451
Winett, Richard A.
Associate Professor
Psychology
4106 Derring Hall
961-6275

EXPERTISE:
Energy Conservation
Health Promotion
Mass Media

VOLUNTEER INTEREST AND EXPERIENCE:
Physical Fitness
FACULTY NUMBER 452
Winkofsky, Edward P.
Assistant Professor
Management Science
110D Pamplin Hall
961-5083

EXPERTISE:
Mathematical Programming
Hierarchical Decision Making
Quantitative Evaluation of Organizational Problems

FACULTY NUMBER 453
Winquist, Sandra
Instructor
Human Nutrition & Foods
324 Wallace Hall
961-6783

EXPERTISE:
Registered Dietician

VOLUNTEER INTEREST AND EXPERIENCE:
Nutrition Counseling

FACULTY NUMBER 454
Woeste, Frank
Assistant Professor
Agricultural Engineering
204 Seitz Hall
961-6093

EXPERTISE:
Residential Housing Structure
Wood Engineering
Lumber
Structural Reliability

FACULTY NUMBER 455
Wones, David R.
Professor
Geological Sciences
4044 Derring
961-6521

EXPERTISE:
Minerology
Mineral Stability
Appalachian Geology
Igneous Petrology

VOLUNTEER INTEREST AND EXPERIENCE:
Rock Identification
Local Geology

Died Oct 25, 1984

FACULTY NUMBER 456
Woo, Christina J.
Instructor
Library Science
Carol Newman Library
961-5069

EXPERTISE:
Bibliographic Instruction
Library Instruction
Library Research Strategies
Asia-American Studies
Legal Research
Design of Effective Library Assignments

VOLUNTEER INTEREST AND EXPERIENCE:
Library Promotion

FACULTY NUMBER 457
Wooldridge, Kenneth B.
Instructor
Business Extension
Plaza 1
961-5566

EXPERTISE:
Interpersonal Relations
Organizational Development
Personal/Career Growth & Development
Training of Trainers

VOLUNTEER INTEREST AND EXPERIENCE:
Managing Human Resources
Coaching & Counseling
Adult & Continuing Education

FACULTY NUMBER 458
Worner, Wayne M.
Professor
Administrative & Educational Services
240 University City Office
961-7957

EXPERTISE:
School Issues
Board-Superintendent Relationship
Administration Solution, Evaluation, Compensation
School Evaluation

FACULTY NUMBER 459
Yongue, William H., Jr.
Associate Professor
Biology
3003 Derring Hall
961-6244
EXPERTISE:
Protozoology
Aquatic Ecology
Symbiology
Reptilian Hematology

VOLUNTEER INTEREST AND EXPERIENCE:
Secondary Education
Leadership & Public Relations in Organizations

FACULTY NUMBER 460
Yoon, Roe H.
Associate Professor
Mining & Minerals Engineering
139E Holden Hall
961-7056

EXPERTISE:
Mineral Processing
Coal Preparation
Surface Chemistry

FACULTY NUMBER 461
Young, LaVerne
Lecturer
Vocational Technical Education
222 Lane Hall
961-6830

EXPERTISE:
Industrial Arts Education
Woodworking
Youth Organizations
Curriculum Development

VOLUNTEER INTEREST AND EXPERIENCE:
Youth Organizations
Organizing Advisory Committees

FACULTY NUMBER 462
Yucel, Oner
Associate Professor
Civil Engineering
303 Norris Hall
961-6069

EXPERTISE:
Slurry Pipelines
Sediment Transport
Hydraulic Engineering
Hydraulic Modeling

FACULTY NUMBER 463
Zavodney, Larry
Instructor
Engineering Science & Mechanics
220 Norris Hall
961-6744

EXPERTISE:
Vibration Analysis
Scientific Creationism
Theology

VOLUNTEER INTEREST AND EXPERIENCE:
Creation/Evolution Lectures

FACULTY NUMBER 464
Zelazny, Lucian W.
Associate Professor
Agronomy
363 Smyth Hall
961-6485

EXPERTISE:
Clay Mineralogy
Soil Physical Chemistry
Environmental Quality

VOLUNTEER INTEREST AND EXPERIENCE:
Cub Scouts

FACULTY NUMBER 465
Zweifel, Paul F.
Professor
Physics
225 Robeson Hall
961-5344

EXPERTISE:
Transport Theory
Boltzman & Vlason Theory
Quantum Mechanics
Mathematical Physics
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