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# Directory of Virginia Tech's Faculty Expertise

Cooperative Extension Service • Extension Division  
Polytechnic Institute and State University • Blacksburg, Virginia 24061  
Phone 330-001

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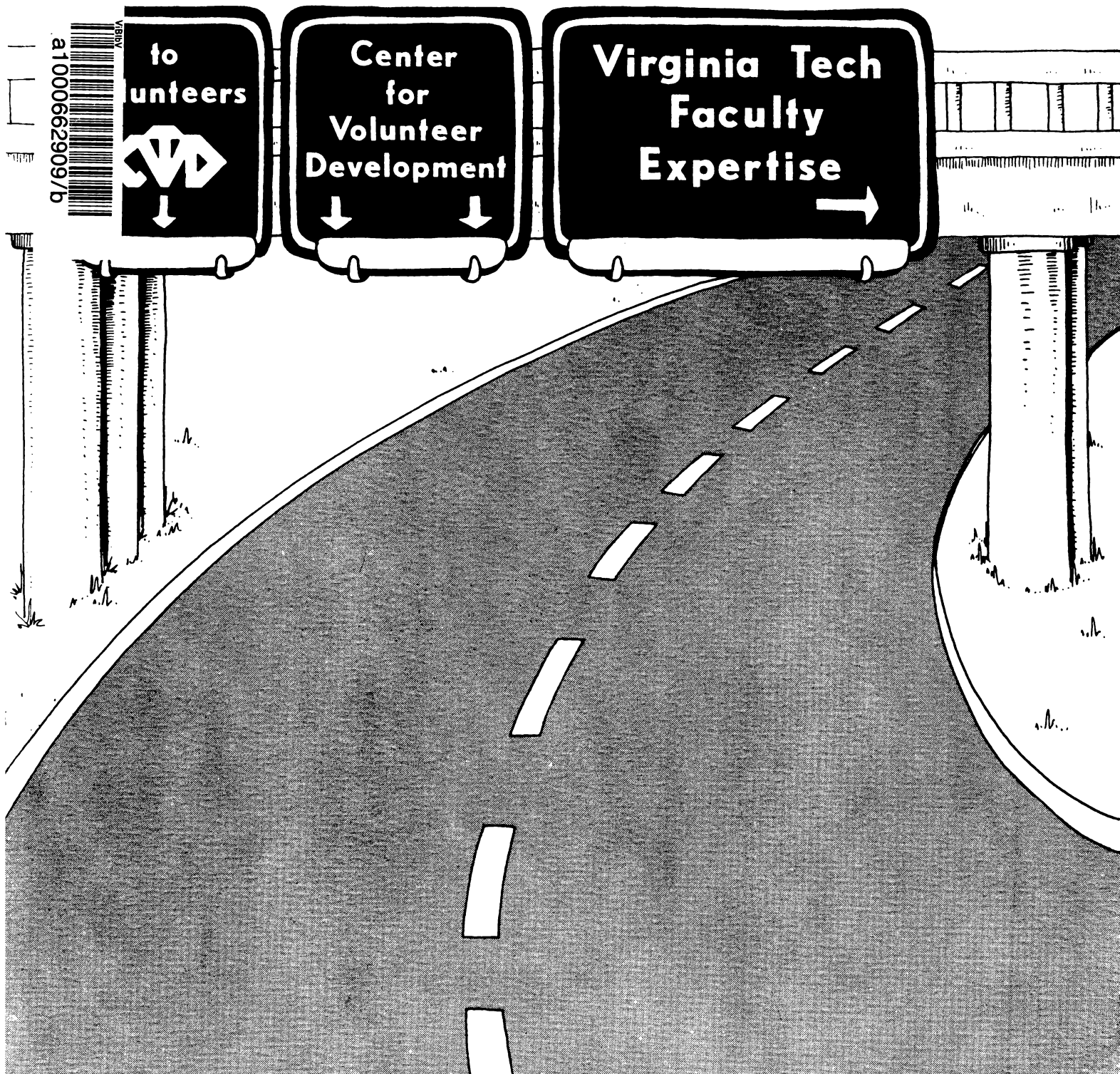
to  
unteers



Center  
for  
Volunteer  
Development



Virginia Tech  
Faculty  
Expertise



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.

Virginia Cooperative Extension Service programs, activities, and employment opportunities are available to all people regardless of race, color, religion, sex, age, national origin, handicap, or political affiliation. An equal opportunity/affirmative action employer.

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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

A760

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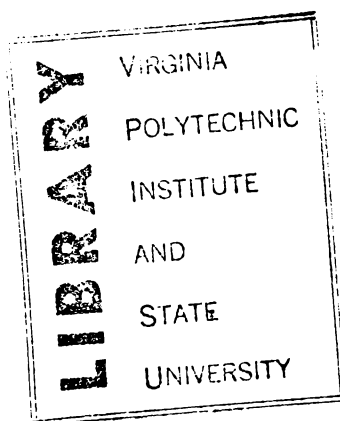
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C. J.

## 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

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

*Now at LSU  
Baton Rouge*

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

EXPERTISE:  
Youth International Programs  
Organizational Management  
Land-Use Planning

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

Education  
256 University City Office  
961-7559

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 *Retired*

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 *Now at Arizona*  
Theatre Arts *(Tucson)*  
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

*Retired*

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

*now in  
California*

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

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.  
~~Associate~~ 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  
~~Associate~~ 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  
 Magnetism  
 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  
 Hydrogonase  
 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 Polluta  
 Electron Microscope Use

FACULTY NUMBER 064

Clegg, Eric D.  
 Associate Professor *not at VaTech*  
 Veterinary Biology  
 104 University City Office  
 961-7666

EXPERTISE:  
 Fertilization in Mammals  
 Artificial Insemination  
 Breeding Management

FACULTY NUMBER 065

Clifford, Alan F.  
 Professor  
 Chemistry *Retired*  
 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

Copenhagen, 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

*now at Albany St., Albany, Georgia*

## 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  
2113B 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

*Retired*

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

*Retired*

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

*not at*

*Va Tech*

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

*not at VaTech*

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  
 Structural Mechanics  
 Stress-Strain Behavior of Materials  
 Soil-Structure Interaction

FACULTY NUMBER 090

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

*not at VaTech*

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

*not at  
VaTech*

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

VOLUNTEER INTEREST AND EXPERIENCE:  
Episcopal Church Administration

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

VOLUNTEER INTEREST AND EXPERIENCE:  
Beekeeping Operations

FACULTY NUMBER 120

Fenstermacher, Gary D.  
Professor  
Curriculum & Instruction  
300 War Memorial Gym  
961-5442

*Not at VaTech*

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

*not at VaTech*

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

*Not at  
VATech*

## 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  
Horticulture  
229 Smyth Hall  
961-5584

*Retired*

## 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

## VOLUNTEER INTEREST AND EXPERIENCE:

Solutions to Community Problems

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

## VOLUNTEER INTEREST AND 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

*Now At  
Texas A&M*

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

*Deceased*

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 Whittemore 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 Whittemore 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  
961-6857

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  
Aexnie 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

*Not at  
VaTech*

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

*Now at  
Penn State*

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

**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

Impara, 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

*Not at VaTech*

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  
961-6489

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

*Not at  
 Vafedh*

## 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

Labropoulos, 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  
 Mycoplasmal 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

*Not at  
VaTech*

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  
961-7186

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

*Not at  
VaTech*

FACULTY NUMBER 254

Marchman, James F., III  
Associate Professor

Aerospace & Ocean Engineering  
215 Randolph Hall  
961-6804

EXPERTISE:  
Subsonic Aerodynamics  
Subsonic Wind Tunnel Testing  
Non-aeronautical Aerodynamics  
General Aviation  
Wing Aerodynamics

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  
25D 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

*Retired*

## 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

## VOLUNTEER INTEREST AND EXPERIENCE:

Parent Education  
Strengthening Families  
Support for Families in Crisis

FACULTY NUMBER 262

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

*Deceased*

## 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

## VOLUNTEER INTEREST AND EXPERIENCE:

Civic Club  
United Fund  
Town Council & Advisory Board

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

*Retired*

## 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

*Now At  
Penn State*

## 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 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 276

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

## EXPERTISE:

Social Psychology  
Sociology & Social Psychology of Education  
Task Performance

FACULTY NUMBER 277

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

*Now in NOVA*

## EXPERTISE:

Program Development  
Program Administration  
Small Group Dynamics  
Minority Participation in Community Affairs  
Group Facilitation

FACULTY NUMBER 278

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

## EXPERTISE:

Exceptional Children  
Developmental Disorders  
Stress & Coping Mechanisms

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 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 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

*Not at Va Tech*

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

Nachtman, 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 Whittemore 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

*Now at ODU*

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

*Retired*

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

EXPERTISE:  
Soil-Machine System  
Machine Design & Development  
Farm Tractor Dynamics

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

*Not at Vatec*

## 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 339

Roberts, James E., Sr.  
Associate Professor  
Entomology  
215 Price Hall  
961-6771

EXPERTISE:  
Insects Affecting Vegetables  
Insects Affecting Livestock

FACULTY NUMBER 340

Roberts, Kent C.  
Associate Professor  
Veterinary Medicine  
109 University City Office  
961-7666

EXPERTISE:  
Veterinary Medicine  
Client Relations  
Veterinary Continuing Education

VOLUNTEER INTEREST AND EXPERIENCE:  
School Board Chairman  
Bank Director

FACULTY NUMBER 341

Robinson, Jerald F.  
Professor  
Management  
219 Pamplin Hall  
961-6585

EXPERTISE:  
Human Resource Management  
Personnel Management  
Performance Appraisal  
Labor-Management Relations

VOLUNTEER INTEREST AND EXPERIENCE:  
Goal Setting

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

FACULTY NUMBER 345

Rude, Lawrence C.  
Assistant Professor  
Civil Engineering  
302B Norris Hall  
961-6015

EXPERTISE:  
Civil Engineering

FACULTY NUMBER 346

Ruggiero, Cheryl W.  
Instructor  
English  
124A Williams Hall  
961-5436

EXPERTISE:  
English as a Second Language  
Pronunciation  
Vocabulary & Fluency Improvement  
Grammar & Composition Skills

FACULTY NUMBER 347

Sabaroff, Rose E.  
Professor  
Curriculum & Instruction  
315 War Memorial Gym  
961-5558

*Not at  
VaTech*

EXPERTISE:  
Teaching of Reading  
Developing Language in Kindergarten  
Tutoring

FACULTY NUMBER 348

Saffle, Michael  
Assistant Professor  
Humanities & Music  
308 Performing Arts Building  
961-5949

EXPERTISE:  
Nineteenth Century Music  
Life & Music of Franz Liszt  
Relationship Between Music & Literature  
Science Fiction Studies

FACULTY NUMBER 349

Saric, William S.  
Professor  
Engineering Science & Mechanics  
329C Norris Hall  
961-6871

EXPERTISE:  
Fluid Mechanics  
Aerodynamics  
Energy Efficient Air Crafts  
Laminar Flow Control  
Mathematics

FACULTY NUMBER 350

Sarvis, Alva  
Associate Professor  
Art  
20B Owens Hall  
961-5547

EXPERTISE: *Decayed*  
Printmaking  
Drawing  
Materials in Painting

FACULTY NUMBER 351

Sawyers, Janet  
Assistant Professor  
Management, Housing, & Family Development  
142 Wallace Hall  
961-6148

EXPERTISE:  
Sex Differences  
Creativity in Children  
Preschool Programs

FACULTY NUMBER 352

Scanlon, Patrick F.  
Professor  
Fisheries & Wildlife Sciences  
106A Cheatham Hall  
961-5929

EXPERTISE:  
Reproductive Physiology  
Environmental Contamination  
Vertebrate Pest Control

FACULTY NUMBER 353

Scheeler, Jerry  
Motion Picture Supervisor  
Educational Communications  
Media Annex  
961-6333

EXPERTISE:  
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

EXPERTISE:  
German History  
Journalism  
Foreign Service

FACULTY NUMBER 359

Schurig, Gerhard  
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

Schwartz, 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

VOLUNTEER INTEREST AND EXPERIENCE:  
Drop-Out Prevention

FACULTY NUMBER 367

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

EXPERTISE:  
Plant Physiology  
Photosynthesis  
Plant Growth  
Soybean

VOLUNTEER INTEREST AND EXPERIENCE:  
Grading  
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

*now at  
UNCG*

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  
Breeding 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  
214D 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

*Not at VaTech*

## 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

*Retired*

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

*Retired*

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

*Not at  
VaTech*

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 Seitz 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:

Seenography  
Lighting 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  
Hobbiest 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

*Retired*

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

Winkquist, 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

*Died Oct 25,  
1984*

EXPERTISE:  
Minerology  
Mineral Stability  
Appalachian Geology  
Igneous Petrology

VOLUNTEER INTEREST AND EXPERIENCE:  
Rock Identification  
Local Geology

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 I  
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

*Not at  
Va Tech*

## 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 & Vlasov Theory  
 Quantum Mechanics  
 Mathematical Physics

EXPERTISE LISTING  
BY SPECIALTY



ADMINISTRATION AND MANAGEMENT:

Administration of Higher Education  
10, 27, 83, 260

Advertising Management  
225

Agribusiness Management  
26

Agricultural Administration  
263

Arts Administration  
94, 418

Breeding Management  
22, 64, 113, 230

Business Administration  
6, 38, 123, 250, 364, 379, 468

Classroom Management  
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