VSU EXPERTISE DIRECTORY

Faculty	Profile Address	Research Interest
Bhardwaj, Harbans	http://myprofile.cos.com/hbhardwj	 Elucidation of genetic and environmental control of phenotypic expression of agronomic, quality, and physiological traits of crop plants. Development of new crops for production of food, feed, and industrial products. Genetic improvement of crop plants to increase yield, quality, and other traits.
Corley, Michelle	http://myprofile.cos.com/mcorley	 Avian Immunology and Disease. Impact of environmental insults (diet, genetics, lifestyle, toxins) on mechanisms of cellular signaling and function. Investigation of the genes implicated in human dilated cardiomyopathy and atherosclerosis. Molecular studies on parasite control in small ruminants.
Hairston, Jewel	http://myprofile.cos.com/jhairston@vsu.edu	 Manage and lead extension, research and academic programs within the School of Agriculture. Extension education and technical assistance programs for limited-resource and underserved families, farmers, youth, and communities throughout the state of Virginia. History & Philosophy of Career and Technical Education. Partnerships with local school systems, local state, and federal agencies, organizations, and diverse stakeholders to address clientele needs across the state of Virginia. Produce measurable changes in the civil rights practices and documentation strategies.
Hankins, Anthony	http://myprofile.cos.com/ahankins	 Specialty crops and livestock products. Organic agriculture production systems. Non-timber forest products. Commercial production of mushrooms. Commercial production of fresh cut flowers. Commercial production of American ginseng. Agriculture tourism.

Faculty	Profile Address	Research Interest
Inserra, Paula	http://myprofile.cos.com/pinserra	 Nutrition and Cancer Prevention. Obesity Prevention and Treatment. Nutrition and Public Health Issues. Dietetics Education and Program Planning.
Kramer, Mark	http://myprofile.cos.com/kraemer3	• Integrated Pest Control.
Landesman, Louis	http://myprofile.cos.com/rashidas	 Planning a project to raise ornamental aquatic plants in tobacco transplant greenhouses. Raising algae for biofuel. The use of duckweed to treat agricultural and domestic wastewater. Floating aquatic plants like Lemna, Spriodela, Wolffia and Azolla for phytoremediation of contaminated effluent waters.
Mersie, Wondi	http://myprofile.cos.com/wondimersie	 Development of best management practices that protect water resources from agricultural chemicals in runoff. Determination of the fate of pesticides in the environment. Control of invasive plant species.
Mullins, Christopher	http://myprofile.cos.com/cmullins1	 Protected culture of horticulture crops Greenhouse vegetable production High tunnel production of crops Irrigation for vegetables Plasticulture systems for vegetable production Edamame production
Nartea, Theresa	http://myprofile.cos.com/tnartea	 Direct Farm Marketing. Web Based Marketing. Sustainable Small Business & Marketing Strategies. Alternative, Niche, Value Added Market Development. Farmers Market Development. Workplace Community Supported Agriculture.

Faculty	Profile Address	Research Interest
Odeh, Oluwarotimi	http://myprofile.cos.com/oodeh	 Agricultural Finance. Food Safety. Obesity. Agribusiness. Agricultural Production Economics. Natural Resources.
Pao, Steven	http://myprofile.cos.com/stevenpao	 Food safety and sanitation. Antimicrobial sanitizers and cleaners. Fruit and vegetable processing. Microbial detection and intervention. Hazard Analysis and Critical Control Points (HACCP) system and verification. Overseas experience with emphasis on food safety and quality management
Parry, John	http://myprofile.cos.com/JohnWParry	 Novel value-added agricultural products for nutraceutical products or beneficial health effects. Novel food products containing vitamins, essential fatty acids, antioxidant and other phytochemicals, and properties such as anti-diabetic effects, antiproliferation of cancer cells, cyclooygenase II enzyme inhibition, and antioxidant activities.
Ren, Shuxin	http://myprofile.cos.com/sren	 Plant telomere biology. Plant abiotic stress tolerance. Marker assisted selection and molecular breeding.
Thomas-Buchanan, Pamela	http://myprofile.cos.com/pampiBuch	 Animal Science (Parasites, Nutrition). Food Safety. Veterinary Medicine.
Wildeus, Stephan	http://myprofile.cos.com/wildeus	 Genetic resource preservation for small ruminants. Sustainable production systems for hair sheep and meat goats. Assisted reproductive technologies for small ruminants.

Monday, April 04, 2011

Faculty	Profile Address	Research Interest
Xu, Yixiang	http://myprofile.cos.com/yixiang	 Novel Food Processing Technology to Improve Food Quality and Safety Novel Food Packaging for Shell-life Extension of Fresh Produce and Processed Products. Physical and Engineering Properties of Food and Biological Materials. Value-added Utilization of Food Industry Waste and Biomass.
Zhong, Yan	http://myprofile.cos.com/vsu2008	 Lodging and Tourism Management Curriculum, Education, Event Planning

Faculty	Profile Address	Research Interest
Akkaladevi, Somasheker	http://myprofile.cos.com/ssheker	 Artificial Intelligence. Bio-Informatics. Computer Networks. Computer Architecture. Algorithms. Parallel and Distributed Computing.
Hammond, Lynette	http://myprofile.cos.com/lynettehammond	 Virginia Legislative and Regulatory Processes. Virginia Administrative Law. Economic Development. Economic Dislocation.
Xu, Yaquan	http://myprofile.cos.com/yaquanxu	 Electronic Commerce. Decision Support Systems. Optimization Models. Information Retrieval/Text Mining/Data Mining. Artificial Intelligent. Operation Management.
Yang, Seung	http://myprofile.cos.com/seungsuyang	 Computer Communication Network. Distributed Computing. Adaptive System. Multi-media Communication System.
Yoo, Dong	http://myprofile.cos.com/dongkyoonyoo	 Knowledge Management. Knowledge Quality. Knowledge-sharing Climate. Functional Diversity. Virtual Teams.
Zhang, Jie	http://myprofile.cos.com/jiezhang74	 Business applications of information technology and operations management techniques. Information security policy and end-user information security behaviors.

School of Business

Monday, April 04, 2011

Faculty	Profile Address	Research Interest
Adeyemi, Cheryl	http://myprofile.cos.com/cadeyemi	 Semiotic Chaining as a Tool for Instructional Practice. Preservice Teacher Programs. Developing Algebraic Thinking Among African Americans. Increasing Female Participation in Mathematics-related Careers. Reflecting on Strategies Children Use to Measure Perimeter and Length. The Effect of Graphing Calculators on Preservice Teachers' Attitude and Achievement Regarding Mathematics Education.
Akbar, Shahzad	http://myprofile.cos.com/sakbar	 Semiconductors and nanotechnology. Device and circuit design and simulation. Sensors and instrumentation. Thermoelectric and solar energy devices. Silicon Carbide and Gallium Nitride. Materials and processing.
Ansari, Jahangir	http://myprofile.cos.com/jahansari	Structural Analysis.Finite Element Modeling and Analysis.
Ansari, Ali	http://myprofile.cos.com/aansari	Control Systems.Simulation and Modeling.
Brown-Cobb, Renia	http://myprofile.cos.com/REBCobb	 Spirituality and Religiosity. Development. Assessment. School Psychology.
Chen, Hui	http://myprofile.cos.com/hui_chen	 Computational problems in Earth sciences Computer systems, networking, and security areas Design and analysis of wireless networks, sensor networks, caching for wireless systems, operating systems and network security Applied computing

Faculty	Profile Address	Research Interest
d'Orgeix, Christian	http://myprofile.cos.com/cdorgeix	 Evolution and quantitative genetics. Behavioral ecology. Sexual selection and mating systems. Conservation biology.
Etop, Florence	http://myprofile.cos.com/fetop	 Optics. Organic Thin Film. Organic Molecular Beam Epitaxy. Nonlinear optical properties of matter. Biomaterials. Opto-electronic materials. Photonics. Physics Education.
Faison, Milton	http://myprofile.cos.com/omarfaison	 Signals regulating and regulated by ER Ca2+ storage and release. Intracellular Ca2+ imaging.
Fife, John	http://myprofile.cos.com/jefife	 Resistance and Stigma and its impact on health related information. Spiritual and Religiosity and its impact on risky behaviors. HIV/AIDS prevention. Substance abuse prevention among minority youth. Global health. International psychology.
Greenberg, Byron	http://myprofile.cos.com/copdoctor	 Clinical Psychology. Police Psychology. Critical Stress. Forensic Psychology. Testing and Assessment.

Faculty	Profile Address	Research Interest
Haile, Dawit	http://myprofile.cos.com/dhaile	 Graph theory. Calculating connected dominating sets for efficient routing in ad-hoc wireless networks. Ad-hoc networks and unit disk graphs. Cluster based routing using k-tree. Determining minimal separators in chordal graphs. Determining a bound on the size of critical chromatic index graphs. Developing fault-based software testing techniques.
Harris, Toni	http://myprofile.cos.com/tsharris	 Academic achievement of African American undergraduate students. Cultural variables related to academic achievement of African American undergraduate students.
Harris, Glenn	http://myprofile.cos.com/gcharris	 Bioinformatics and comparative genomics strategies to search for the genetic factors underlying susceptibility to non-insulin dependent diabetes mellitus (NIDDM, a.k.a. type 2 diabetes). QTL analysis to find candidate genes for NIDDM by incorporating information from multiple species to construct comparative genomic maps.
Hill, Oliver	http://myprofile.cos.com/owh999	 Minority disparities in health. Religiosity and health. Barriers to minority careers in science. Psychoepistemology. Time perception. Problem-solving heuristics. Mindful practice.
Javaheri, Amir	http://myprofile.cos.com/javaheria	Engineering program outcome asssessment.Engineering curriculum development.

Faculty	Profile Address	Research Interest
Kaseloo, Paul	http://myprofile.cos.com/pkaseloo	 Physiological ecology of vertebrates. Bioenergetics, quantification of energy budgets. Biotelemetry. Ecology, respirometry, behavior. Effects of noise on wildlife. Hematological measurements. Protozoan parasite treatment. Metabolic effects of parasites.
Mao, Weidong	http://myprofile.cos.com/weidmao	Data Mining.Bioinformatics.Computational Genetics.
Mbagwu, Godwin	http://myprofile.cos.com/gmbagwu	 Target Structure-based Anticancer and Antimicrobial Drug Design. Synthesis, Characterization and Evaluation. Molecular Modeling and Simulation. Biological and Chemical Sensors. Multifunctional Gold/iron oxide nanoparticles as optical and magnetic probes for (a) cancer cell imaging, diagnostics, and therapy or (b) for radionucleide detection and extraction.
Phairoh, Thongchai	http://myprofile.cos.com/tphairoh	 Control system applications to ship roll mitigation, unmanned vehicles robotics, and the supply chain. System identification/prediction.
Qazi, Tariq	http://myprofile.cos.com/tqazi	Complex Analysis.Special Functions.
Sayre, Brian	http://myprofile.cos.com/bsayre	 Molecular Biology/Genetics. Systems Biology. Reproductive Physiology. Gene Expression. Genomic Analysis.

Faculty	Profile Address	Research Interest
Serpell, Zewelanji	http://myprofile.cos.com/zserpell	 Culture and School-Based Mental Health Disruptive Behavior Disorders & School-Based Interventions Cultural aspects of development Social & cognitive development in African American children Social Problem Solving
Shen, Hua	http://myprofile.cos.com/hshen11	 Environmental pathogen detection Drug resistant bacteria Bacteriophage control of bacteria Bacterial nitrogen fixation
Sheybani, Ehsan	http://myprofile.cos.com/esheybani	• Digital Signal processing with applications in Bioinformatics, Biomedicine Sensor Processing, Wireless Communications, Data Mining and Visualization and Remote Sensing.
Study, Nancy	http://myprofile.cos.com/nstudy	 Visual and haptic abilities of engineering students. Testing and improving the visualization abilities of minority engineering ar technology students.
Tabanjeh, Mohammad	http://myprofile.cos.com/tabanjeh	 Algebraic and numerical computations with dense structured matrices and fast algorithms. Complexity in the areas of matrix and polynomial computations. Design and analysis of algorithms. The solution of polynomial systems of equations.
Taylor, Colleen	http://myprofile.cos.com/taylorme63	 Inorganic surface chemistry. Heterogeneous catalysis. Factors controlling surface speciation and catalytic activity. Material science. Kinetic studies in sol-gel materials. Synthesis of functionalized membrane materials.

Faculty	Profile Address	Research Interest
Tetteh, Edem	http://myprofile.cos.com/etetteh	 Human Factor and Ergonomics. Occupational Safety and Health. Lean Manufacturing. Production Control. Statistical Quality. Control and Design of Experiments.
Tompkins, Stephen	http://myprofile.cos.com/tompkins9	Composite materials.Heat/mass transfer.
Toni, Bourama	http://myprofile.cos.com/btoni	 Differential Analysis and Dynamical Systems. Nonlinear and Chaotic Dynamics in Biosciences.
Vilchiz, Victor	http://myprofile.cos.com/vvilchiz	 Condensed Phase Femtosecond Laser Spectroscopy. Solid-State Lasers. Optics. General Chemistry, Liberal Arts Chemistry, Chemical Education. LabView Programming.
Walker, Katrina	http://myprofile.cos.com/klw4670	 African American Families. Juvenile Delinquency. Academic Performance. Peer Mentoring or Advising. Assessment and Measurement.
Ward, Sherman	http://myprofile.cos.com/sward4	• Role of Ca2+ activity during early neural development and on the type of neurotransmitter expressed by nerve cells.
Wimbush, George	http://myprofile.cos.com/wimbush1	 Mathematics Education. Curriculum and Instructions. Mathematics.

Faculty	Profile Address	Research Interest
Xie, Zhifu	http://myprofile.cos.com/zxie529	 Dynamical Systems, Celestial Mechanics, \$N\$-body Problem. Nonlinear Partial Differential Equations (Elliptic Type). Index Theory of Symplectic Paths for Hamiltonian System. Mathematical Biology and Numerical Analysis.
Yang, Huiqing	http://myprofile.cos.com/hyangvsu	 Remote sensing. Web-based application design and implementation. Artificial Intelligence. GIS. Data Mining. Image Processing. Parallel Computing. Bioinformatic.
Zadeh, Jeff	http://myprofile.cos.com/jzadeh	 Software Design and Development. Software Life Cycle. Computer Information Systems. Bioinformatics. GIS.

Faculty	Profile Address	Research Interest
Ahmed, Ghyasuddin	http://myprofile.cos.com/guahmed	 Social Demograph, occupational Sociology, Sociology of Religion. Management of Statistical Operations. Evaluation of any Action Programs, Supervisory Roles, Commuting Patterns Social Science - population / demography, public health - adolescent sexuality, marriage and family, domestic violence, criminal justice - White Collar Crimes, Terrorism, Labor Force. Training in population and environmental issues.
Baker, Gary	http://myprofile.cos.com/baker177	 African Politics. The Political Economy of Southern Africa. Africa and the Poverty of Democratization. International Political Economy. Globalization and the Marginalization of the Third World.
Bates-Brown, Valery	http://myprofile.cos.com/216804Was	 Student retention, persistence. Mass communication. Visual communication. Photography.
Bawuah, Kwadwo	http://myprofile.cos.com/bawuah	General Economics.Public Finance.Monetary Economics.
Blouet, Olwyn	http://myprofile.cos.com/blouet	• The history of the Caribbean region, within the context of the British Empire and the development of the Atlantic world.
Brown, Benita	http://myprofile.cos.com/DrBinta	• The African and African-American dance and culture as it relates to Africa and the diaspora.
Dort, Shirley	http://myprofile.cos.com/dort1	• Contemporary women artists and earth artists.
Doss, Rodger	http://myprofile.cos.com/doss2	English Education.Adolescent Literature.

Faculty	Profile Address	Research Interest
Eseonu, Maxwell	http://myprofile.cos.com/eseonu	Economics.Managerial Economics.International Business.
Fiore, Douglas	http://myprofile.cos.com/dfiore26	 Leadership behaviors that improve student learning. Parental and community involvement in education. Collaborations between institutions of higher education and public school
Garrott, Carl	http://myprofile.cos.com/garrott1	 Haiti & Dominican Republic. Applied Linguistics: French & Spanish.
Heath, Kay	http://myprofile.cos.com/heath21	• Victorian Literature.
Hildegard, Rissel	http://myprofile.cos.com/rissell	Golden Age Spain.Foreigh language instruction.
Hill, W.	http://myprofile.cos.com/wwhill	 Jazz Piano Performance. Music Theory. The Sacred Concerts of Edward Kennedy Ellington. Higher Education Leadership/Administration.
Hill, Renee	http://myprofile.cos.com/hill187	Ethics.Social and political philosphy.Philosophy of race.
Holmes, John	http://myprofile.cos.com/holmes79	• Renaissance Drama.
Jain, Chaya	http://myprofile.cos.com/cjain	 Public Administration. Public Policy. State and Local Government. Community Development. Campus Security. Emergency Management. Homeland Security.

Faculty	Profile Address	Research Interest
Krohn, Mel	http://myprofile.cos.com/krohn1	Software applications.The design and development of web sites.
Maxwell, Delois	http://myprofile.cos.com/dmaxwell	 Urban teacher satisfaction and school leadership. School organization factors influencing teacher persistence, efficacy, and mobility. Preservice teacher perceptions of culturally responsive school environments. School organization effects on student motivation to learn. Evaluation of systemic math reform programs and Professional Developmen Schools. Professional development of pre-service and in-service educators. Developing & use of technologies in teaching, research, and service.
Mveng, Brenda	http://myprofile.cos.com/bmveng77	• The African art traditions and their impact on American art forms.
Norman, James	http://myprofile.cos.com/norman52	• Public school adminstration.
Omotoye, Richard	http://myprofile.cos.com/romotoye	 Economic development and related issues (i.e. trade, poverty, debt, etc) relating to developing countries. Financial Services.
Parsons-Pollard, Nicolle	http://myprofile.cos.com/nypp	 Program Evaluation. Juvenile Delinquency. Truancy.
Philipsen, Dirk	http://myprofile.cos.com/dphilipsen	 History of capitalism / alternatives to capitalism. Economic / Social Indicators Economic democracy. History of race and race relations / civil rights. Movements for social and economic justice. Intercultural communication / competence. Speaker/lecturer on sustainable economics, history / nature of capitalism, race relations, and struggles for social / economic justice.

School of Liber	ral Arts and	Education
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Faculty	Profile Address	Research Interest
Sample, Maxine	http://myprofile.cos.com/msample2	 African and African American writers with special interest in women writers in Africa and the diaspora. International Education.
Saravanabhavan, Sheila	http://myprofile.cos.com/saravanabhavan	 Legal and ethical issues in special education. Assessment of the culturally and linguistically diverse populations, attitude studies, etc.
Saval, Wallace	http://myprofile.cos.com/saval	 Effective partnerships. Effective teacher preparation programs. PDSmyth or possibility. Desegregation of the public schoolhousemoment or trend?
Shaffer-Gottschalk, David	http://myprofile.cos.com/davidsg	 Interpretation for performance of piano literature from the eighteenth centur to the present, including experience with twentieth-century avant-garde techniques. Analysis of piano technique for ease and fluency in playing. Production of a recording and restoration of a published edition of Samuel Coleridge-Taylor's 24 Negro Melodies, op. 59.
Shelton, Claiborne	http://myprofile.cos.com/shelton21	• Teacher preparation.
Thomas, Freddy	http://myprofile.cos.com/thomas350	 Writing pedagogy/assessment. E-portfolio design and asessment. World literature. Wac/wid programs.
Thota, Vykuntapathi	http://myprofile.cos.com/thota	 Teaching and learning for understanding. Motivational process in educational technology. Cultural diversity on the Internet.

Faculty	Profile Address	Research Interest
Virag, Wayne	http://myprofile.cos.com/virag3	 Social studies education. Educational administration and supervision. Curriculum development, and instructional design. Cultural diversity, public policy, curriculum development, and instructional effectiveness.
Vogt, Allen	http://myprofile.cos.com/avogt22	 Child and family practice, field practice and policy classes at the undergraduate and graduate level. Child and family state and national policies and programs. Generalist social work education. Social justice teaching and advocacy.
Walton, Isis	http://myprofile.cos.com/iwalton	 The Role of Mass Media on Youth Behavior Effects of Rap Music. The Role of Psychosocial variables on Substance Abuse among African American Women. Disproportionate Minority Contact (DMC) within the CJ System The Impact of HIV and AIDS on Minority Women. Impact of Sentencing Disparities on Incarcerated Offenders.
Wilson, Carolyn	http://myprofile.cos.com/wilson404	 Special Education, especially MR and LD. Standardized and High-Stakes Assessments for students with special needs How environmental and psychological factors impact their success in school and on these tests.