FACULTY DIRECTORY FOR RESEARCH COLLABORATION

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Dear Faculty,

The Faculty Research Directory was created to provide a resource for quick overview of each faculty member’s research interests and areas that are open to collaboration.

My hope is that this information will be useful to you as you search for faculty members with whom your research interests and areas of opportunities align. Thank you for your commitment to our college and to excellence in research.

Sincerely,

Michael Bartlett, Ph.D.
Associate Dean for Science Education, Research and Technology
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Our thriving culture of scholarship drives us to be a leader of interdisciplinary and innovative research in therapeutic discovery, application, and education to improve health in Georgia and beyond.
MICHAEL BARTLETT, PH.D.

Research Areas: Methods to determine therapeutic agents, metabolites and degradation products from biological and non-biological matrices; oligonucleotide therapeutics & biomarkers

Opportunities for Collaboration: DMPK studies of therapeutic agents; assessment of biomarkers for diseases

mgbart@uga.edu

HOUJIAN CAI, PH.D.

Research Areas: Protein acylation in cancer progression, fatty acylation metabolism, drug discovery on inhibition of N-myristoyltransferases, stromal-epithelial crosstalk in prostate stem cells

Opportunities for Collaboration: Drug delivery, medicinal chemistry for drug development, protein quantification by mass spectrometry

caihj@uga.edu

AMBER CLEMMONS, PHARM.D.

Research Areas: Supportive care, hematologic malignancies, adult bone marrow transplantation and Scholarship of Teaching and Learning

Opportunities for Collaboration: Malignant hematology, immunocompromised infectious diseases and cellular transplantation

aclemmons@augusta.edu

EWAN COBRAN, PH.D.

Research Areas: Health services and disparities; comparative effectiveness; cancer screening, prevention and outcomes; community-based participatory research; patterns of care; nativity; and large data analysis

Opportunities for Collaboration: Health informatics, health outcomes research, cancer survivorship, genomics, health disparities, health literacy and communication

ecobran@uga.edu

DAVID CRICH, DÈSSC

Research Areas: Medicinal chemistry, carbohydrate chemistry, synthetic methodology

Opportunities for Collaboration: Applications of medicinal chemistry to drug development

David.Crich@uga.edu

BRIAN CUMMINGS, PH.D.

Research Areas: Molecular mechanisms in cell death, specifically role of lipids and water disinfection byproducts

Opportunities for Collaboration: Medicinal chemistry and small molecule cancer screening assays; nanoparticle formulation and drug delivery; lipidomic analysis of post-disease tissues

briansc@uga.edu
CANCER
Research Team

EILEEN KENNEDY, PH.D.

Research Areas: Design of allosteric inhibitor compounds targeting kinase activation and signaling

Opportunities for Collaboration: Kinase signaling and disease

ekenedy@uga.edu

DEXI LIU, PH.D.

Research Areas: Gene/protein as a drug for prevention and treatment of obesity, diabetes, cancer, and other diseases

Opportunities for Collaboration: Gene therapy, obesity research, drug delivery and protein drug discovery
dliu@uga.edu

MANDI MURPH, PH.D.

Research Areas: Molecular mechanisms to prevent chemoresistance or prolong remission by extending time until chemoresistance develops in mammalian cells

Opportunities for Collaboration: Chemistry

mmurph@uga.edu

ARTHUR ROBERTS, PH.D.

Research Areas: Drug interactions and multidrug resistance transporter

Opportunities for Collaboration: Labs with innovative experimental/computational approaches applicable to MDR transporter; translating in vitro studies with labs with animal and clinical experiments with MDR transporter

audie@uga.edu

SOMANATH SHENOY, PH.D.

Research Areas: Molecular mechanisms regulating vascular permeability, angiogenesis, integrin activation, extracellular matrix remodeling and tumor growth

Opportunities for Collaboration: Assistance with statistical analysis for protocol approvals, research data analysis, and grant applications

sshenoy@augusta.edu

UMA SINGH, PH.D.

Research Areas: Antiviral drug discovery, epigenetic approach for the discovery and development of new anticancer agents

Opportunities for Collaboration: Antiviral nucleoside evaluations against various emerging viruses; anticancer screening of the modified nucleosides against the pancreatic, lung, liver, kidney, and prostate cancer cell lines; pharmacology studies of the drug molecules

ussingh@augusta.edu
MAY XIONG, PH.D.

Research Areas: Drug delivery and pharmaceutics, specifically the design of macromolecules to improve iron chelation therapy and strategies to combat multi-drug resistance in bacteria

Opportunities for Collaboration: Any area in which drug delivery is a challenge

mayxiong@uga.edu

Y. GEORGE ZHENG, PH.D.

Research Areas: Epigenetic therapies and chemical biology strategies and probes to interrogate protein acetylation- and methylation regulated disease processes

Opportunities for Collaboration: With those who have specialized expertise in pharmacology, such as MS and proteomics

yzheng@uga.edu
INFECTIONOUS DISEASES

Research Team

CHRISTOPHER BLAND, PHARM.D.

Research Areas: Critical care, Infectious Diseases, drug dosing in obesity, antimicrobial stewardship

Opportunities for Collaboration: Synergy and collaboration among faculty who research in critical care or Infectious Diseases areas

cmbland@uga.edu

DANIEL CHASTAIN, PHARM.D.

Research Areas: HIV/AIDS, opportunistic infections, antimicrobial resistance, and antimicrobial stewardship

Opportunities for Collaboration: Co-investigators with shared research interests

daniel.chastain@uga.edu

DAVID CRICH, DÈSSC

Research Areas: Medicinal chemistry, carbohydrate chemistry, synthetic methodology

Opportunities for Collaboration: Applications of medicinal chemistry to drug development

David.Crich@uga.edu

VIRGINIA FLEMING, PHARM.D.

Research Areas: Clinical pharmacy practice in adult internal medicine and Infectious Diseases

Opportunities for Collaboration: Between ID pharmacists on different campuses with clinical research projects

vin13@uga.edu

NEIL GRIMSEY, PH.D.

Research Areas: Inflammatory signaling, pulmonary and neurovascular inflammation, acute respiratory distress syndrome, live cell imaging, biosensors and design of novel therapeutics

Opportunities for Collaboration: Imaging, vascular studies (primary cells), and kinase signaling assays

neilgrimsey@uga.edu

DIEGO HUET, PH.D.

Research Areas: Organellar biology of apicomplexans, a group of eukaryotic parasites; metabolomics, proteomics and CRISPR based-approaches to understand the highly divergent biology of apicomplexans, reveal phylum-specific adaptations and harness them to treat infectious diseases

Opportunities for Collaboration: Microbiology, tropical and emerging global diseases

diego.huet@uga.edu
**INFECTIOUS DISEASES**

*Research Team*

**J. RUSSELL MAY, PHARM.D.**

Research Areas: Drug policy development and management, allergic rhinitis, Infectious Diseases, and evaluation of new drugs

Opportunities for Collaboration: With masters students working on clinical projects

jmay@augusta.edu

**CORY MOMANY, PH.D.**

Research Areas: Application of atomic structures to biological and pharmaceutical problems using molecular biology, biochemistry, structure-based drug discovery and macromolecular X-ray crystallography

Opportunities for Collaboration: RNA structural studies (non-coding and small RNA) and RNA/protein complexes, antibiotic resistance (bacterial) mechanisms, bacterial antibiotic discovery, efficient cloning, large-scale protein production, any kind of X-ray crystallography problem and bacterial transcriptional studies

cmomany@uga.edu

**SCOTT PEGAN, PH.D.**

Research Areas: Regulation of the human innate immune system; discovery of new therapeutics for nerve and pesticide agent poisoning; discovery of new antibiotics for use against TB

Opportunities for Collaboration: Infectious Diseases

spegan@uga.edu

**CHRISTOPHER RICE, PH.D.**

Research Areas: Drug discovery and development of therapeutic agents against three pathogenic free-living amoebae

Opportunities for Collaboration: Manager of the Center for Drug Discovery helping others with their drug discovery needs; interested in novel methods of drug delivery to the brain or molecules that can penetrate into the CNS

christopher.rice@uga.edu

**BRIAN SEAGRAVES, PHARM.D.**

Research Areas: Treatment and care of HCV- and HBV-infected patients

Opportunities for Collaboration: Partnering with social work faculty; Scholarship of Teaching & Learning

cgraves@uga.edu

**SOMANATH SHENOY, PH.D.**

Research Areas: Molecular mechanisms regulating vascular permeability, angiogenesis, integrin activation, extracellular matrix remodeling and tumor growth

Opportunities for Collaboration: Assistance with statistical analysis for protocol approvals, research data analysis, and grant applications

sshenoy@augusta.edu
UMA SINGH, PH.D.

Research Areas: Antiviral drug discovery, epigenetic approach for the discovery and development of new anticancer agents

Opportunities for Collaboration: Antiviral nucleoside evaluations against various emerging viruses; anticancer screening of the modified nucleosides against the pancreatic, lung, liver, kidney, and prostate cancer cell lines; pharmacology studies of the drug molecules

ussingh@uga.edu

EVA-MARIE STRAUCH, PH.D.

Research Area: Protein design and engineering, design of anti–virals and immunogens, immunoinformatics, protein chemistry and re–purposing of viral surface proteins, computational biology

Opportunities for collaborations: Vaccine design, protein–based therapeutics, protein mediated drug delivery

estrauch@uga.edu

MAY XIONG, PH.D.

Research Areas: Drug delivery and pharmaceutics, specifically the design of macromolecules to improve iron chelation therapy and strategies to combat multi–drug resistance in bacteria

Opportunities for Collaboration: Any area in which drug delivery is a challenge

mayxiong@uga.edu

REBECCA STONE, PHARM.D.

Research Areas: Contraception, medication use during pregnancy and medication adherence

Opportunities for Collaboration: Between clinical practice faculty and PSHOP researchers

rhstone@uga.edu

CATHERINE WHITE, PH.D.

Research Areas: Pharmacokinetics of new investigational therapeutic agents/environmental toxins including both in vitro and in vivo testing; analysis of data to generate pharmacokinetic parameters; bioanalytical analysis; stability testing, brain disposition of compounds; drug metabolism and educational research

Opportunities for Collaboration: Toxicology, preclinical evaluation of new therapeutic agents or formulations, drug delivery, medicinal chemistry, brain disposition of compounds, and educational research

cwhite44@uga.edu

UMA SINGH, PH.D.

Research Areas: Antiviral drug discovery, epigenetic approach for the discovery and development of new anticancer agents

Opportunities for Collaboration: Antiviral nucleoside evaluations against various emerging viruses; anticancer screening of the modified nucleosides against the pancreatic, lung, liver, kidney, and prostate cancer cell lines; pharmacology studies of the drug molecules

ussingh@uga.edu

EVA-MARIE STRAUCH, PH.D.

Research Area: Protein design and engineering, design of anti–virals and immunogens, immunoinformatics, protein chemistry and re–purposing of viral surface proteins, computational biology

Opportunities for collaborations: Vaccine design, protein–based therapeutics, protein mediated drug delivery

estrauch@uga.edu

MAY XIONG, PH.D.

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Opportunities for Collaboration: Toxicology, preclinical evaluation of new therapeutic agents or formulations, drug delivery, medicinal chemistry, brain disposition of compounds, and educational research

cwhite44@uga.edu
DAVID CRICH, DÈSSC
Research Areas: Medicinal chemistry, carbohydrate chemistry, synthetic methodology
Opportunities for Collaboration: Applications of medicinal chemistry to drug development
David.Crich@uga.edu

SHELLEY HOOKS, PH.D.
Research Areas: Molecular mechanisms by which cellular signaling regulates cell function and how mechanisms go awry in cancer and central nervous system disorders
Opportunities for Collaboration: Sharing instrumentation; molecular techniques
shooks@uga.edu

PRIYA NARAYANAN, PH.D.
Research Areas: Mechanisms of neuro-vascular injury in retina, diabetic retinopathy and optic neuritis
Opportunities for Collaboration: Neurovascular diseases of the eye
pnarayanan@augusta.edu

DAVID CRICH, DÈSSC
Research Areas: Medicinal chemistry, carbohydrate chemistry, synthetic methodology
Opportunities for Collaboration: Applications of medicinal chemistry to drug development
David.Crich@uga.edu

NEIL GRIMSEY, PH.D.
Research Areas: Inflammatory signaling, pulmonary and neurovascular inflammation, acute respiratory distress syndrome, live cell imaging, biosensors and design of novel therapeutics
Opportunities for Collaboration: Imaging, vascular studies (primary cells), and kinase signaling assays
neilgrimsey@uga.edu

JAYANI JAYAWARDHANA, PH.D.
Research Areas: Health economics, health policy, pharmaceutical economics, substance use, prescription drugs and large secondary data analysis
Opportunities for Collaboration: Health economics, health policy and health services research
jayaward@uga.edu

CHRISTOPHER RICE, PH.D.
Research Areas: Drug discovery and development of therapeutic agents against three pathogenic free-living amoebae
Opportunities for Collaboration: Manager of the Center for Drug Discovery helping others with their drug discovery needs; interested in novel methods of drug delivery to the brain or molecules that can penetrate into the CNS
christopher.rice@uga.edu
MAY XIONG, PH.D.

**Research Areas:** Drug delivery and pharmaceutics, specifically the design of macromolecules to improve iron chelation therapy and strategies to combat multi-drug resistance in bacteria

**Opportunities for Collaboration:** Any area in which drug delivery is a challenge

mayxiong@uga.edu

JASON ZASTRE, PH.D.

**Research Areas:** Impact of vitamin B1 on cancer progression

**Opportunities for Collaboration:** Techniques or expertise found in another lab

jzastre@uga.edu
SCHOLARSHIP OF TEACHING & LEARNING

Research Team

WARREN BEACH, PH.D.

Research Areas: Relationship between PCAT performance and performance in courses requiring math skills and those requiring application of knowledge or critical thinking

Opportunities for Collaboration: Enhance learning and retention throughout curriculum; applying basic pharmaceutical sciences to clinical practice

wbeach@uga.edu

KAY BROOKS, M.ED., R.PH.

Research Areas: Experiential education, simulation/standardized patients, motivational interviewing, SBIRT

Opportunities for Collaboration: Interprofessional education, simulation/standardized patients and Scholarship of Teaching & Learning

klbrooks@uga.edu

ANDREW DARLEY, PHARM.D.

Research Areas: Experiential education, health system pharmacy practice, pharmacy residency training, and internal medicine

Opportunities for Collaboration: Scholarship of Teaching & Learning and practice-based research

badarley@uga.edu

DUC DO, PH.D.

Research Areas: Scholarship of Teaching & Learning, particularly in area of PharmD admissions and academic support services

Opportunities for Collaboration: Scholarship of Teaching & Learning

duc.do@uga.edu

LORI DUKE, PHARM.D.

Research Areas: Experiential learning and student professional development

Opportunities for Collaboration: Within experience learning and among experiential faculty from other institutions

ljduke@uga.edu

DEBORAH ELDER, PH.D.

Research Areas: Pharmaceutical products, beyond-use-dating of compounded non-sterile pharmaceuticals, drug formulation for individualized care and technology in pharmacy education

Opportunities for Collaboration: Specialized dosage form preparations for human/veterinary trials, optimization of care with individualized pharmaceutical dosage forms and technology use to improve student learning

dlstrong@uga.edu
MICHAEL FULFORD, PH.D.

Research Areas: Educational policy, assessment of learning, curriculum review/design, accreditation program review, student development theory, admissions and enrollment management, co-curricular activities, instructional design, strategic planning, intercollegiate athletics, academic support, embedded assessment

Opportunities for Collaboration: Assessment of interprofessional education, co-curricular activities, accreditation and self-study development, predictors of student performance, pharmacist’s patient care process, assessment of affective domains and professionalism

mfulford@uga.edu

NEIL GRIMSEY, PH.D.

Research Areas: Inflammatory signaling, pulmonary and neurovascular inflammation, acute respiratory distress syndrome, live cell imaging, biosensors and design of novel therapeutics

Opportunities for Collaboration: Imaging, vascular studies (primary cells), and kinase signaling assays

neilgrimsey@uga.edu

ASHLEY HANNINGS, PHARM.D.

Research Areas: Ambulatory care, community pharmacy, diabetes, entrepreneurship, immunizations and Scholarship of Teaching & Learning

Opportunities for Collaboration: Scholarship of Teaching & Learning, practice-based research and ambulatory care

ahanning@uga.edu

JOHNNA HODGES, M.ED., M.S.

Research Areas: Active engagement of students with online programs, development of digital multimedia learning, online accessibility issues, distance learning administration

Opportunities for Collaboration: Multimedia learning for emergency preparedness, veterinary medicine, and public health; multidisciplinary collaboration

jhodges@uga.edu

BLAKE JOHNSON, PHARM.D., MPH

Research Areas: Scholarship of Teaching and Learning, chronic disease state management, health disparities, cardiovascular disease

Opportunities for Collaboration: Local and state health disparity initiatives, clinical decision support tools for chronic disease state management

brj53453@uga.edu

DEVIN LAVENDER, PHARM.D.

Research Areas: Ambulatory care pharmacy practice, chronic disease state management, pharmacy student/resident training and development

Opportunities for Collaboration: Development of ambulatory care pharmacy services, chronic disease state management (COPD, diabetes, hypertension, hyperlipidemia, heart failure), pharmacy student/resident training and development

devin.lavender@uga.edu
SCHOLARSHIP OF TEACHING & LEARNING
Research Team

LINDA LOGAN, PHARM.D.
Research Areas: Leadership, experiential and interprofessional education, hospital-based practice and efficacy of interprofessional teams in “whole person care”

Opportunities for Collaboration: Currently collaborating with UNC, UGA Counseling and Human Development Department and Experiential Education faculty
ldlogan@uga.edu

DIANNE MAY, PHARM.D.
Research Areas: Drug information services, policy development and formulary management, literature evaluation, gastroesophageal reflux disease, adverse drug reactions

Opportunities for Collaboration: Pharmaceutical health services, outcomes and policy
dimay@augusta.edu

SHARMON OSAE, PHARM.D.
Research Areas: Improvement in quality measures, optimization of medication management among geriatric, and assessment of clinical pharmacy trainee perceptions

Opportunities for Collaboration: Population health projects (i.e., text interventions or multi-site studies)
sharmon.osae@uga.edu

BETH PHILLIPS, PHARM.D.
Research Areas: Ambulatory care pharmacy practice and residency training

Opportunities for Collaboration: Scholarship of Teaching & Learning, including residency training and the pharmacists’ patient care process; ambulatory care pharmacy practice
bbp@uga.edu

GURVINDER SINGH REKHI, PH.D.
Research Areas: Formulation development, pharmaceutical dosage forms, clinical supplies, CMC, regulatory submissions, transfer technology, patents

Opportunities for Collaboration: Research and development projects requiring: drug delivery, nanotechnology, controlled release, abuse-deterrent opioid formulations, GMP/GLP Training, Pharmaceutical/Biotechnology Manufacturing and Analytical Laboratory Student Training
gsrekhi@uga.edu

MELODY SHEFFIELD, PHARM.D.
Research Areas: Evaluation and feedback provided to pharmacy students on experiential rotations; inpatient geriatrics

Opportunities for Collaboration: Evaluation of P4 students and geriatrics
rx@uga.edu
SCHOLARSHIP OF TEACHING & LEARNING

Research Team

MISHA THOMASON WATTS, PHARM.D.

Research Areas: Experiential education, health system pharmacy practice, geriatrics, internal medicine and residency preparation

Opportunities for Collaboration: Scholarship of Teaching & Learning and practice-based research

mthomaso2@uga.edu

LINDSEY WELCH, PHARM.D.

Research Areas: Pharmacy experiential education including student/preceptor development, intervention and assessment

Opportunities for Collaboration: Patient outcomes and student professionalism

lhwelch@uga.edu

CATHERINE WHITE, PH.D.

Research Areas: Pharmacokinetics of new investigational therapeutic agents/environmental toxins including both in vitro and in vivo testing; analysis of data to generate pharmacokinetic parameters; bioanalytical analysis; stability testing, brain disposition of compounds; drug metabolism and educational research

Opportunities for Collaboration: Toxicology, preclinical evaluation of new therapeutic agents or formulations, drug delivery, medicinal chemistry, brain disposition of compounds, and educational research

cwhite44@uga.edu
VASCULAR DISEASES
Research Team

TRISHA BRANAN, PHARM.D.
Research Areas: Sepsis complications, issues in Infectious Diseases, critical care education, innovative teaching methods and interprofessional education
Opportunities for Collaboration: Vascular and hemodynamic changes in sepsis; Scholarship of Teaching & Learning
tbranan@uga.edu

DANIEL CHASTAIN, PHARM.D.
Research Areas: HIV/AIDS, opportunistic infections, antimicrobial resistance, and antimicrobial stewardship
Opportunities for Collaboration: Co-investigators with shared research interests
daniel.chastain@uga.edu

DAVID CRICH, DÈSSC
Research Areas: Medicinal chemistry, carbohydrate chemistry, synthetic methodology
Opportunities for Collaboration: Applications of medicinal chemistry to drug development
David.Crich@uga.edu

SUSAN FAGAN, PHARM.D.
Research Areas: Stroke pharmacotherapy, animal models of ischemic stroke, hemorrhagic transformation, vascular protection after stroke, angiogenesis after stroke and stroke outcomes
Opportunities for Collaboration: Stroke research
sfagan@uga.edu

DUSKA FRANIC, PHARM.D., PH.D.
Research Areas: Patient–reported outcomes, quality of life, preference and utility measurement and pharmacoeconomics in various chronic conditions
Opportunities for Collaboration: Health outcomes research in clinical trials
dfranic@uga.edu

PHIL GREENSPAN, PH.D.
Research Areas: Health benefits of nutraceuticals and functional foods and effect of select natural extracts on inflammation, protein glycation and LDL oxidation
Opportunities for Collaboration: Labs interested in studying the mechanisms of atherosclerosis and diabetic complications
greenspn@uga.edu
NEIL GRIMSEY, PH.D.

Research Areas: Inflammatory signaling, pulmonary and neurovascular inflammation, acute respiratory distress syndrome, live cell imaging, biosensors and design of novel therapeutics

Opportunities for Collaboration: Imaging, vascular studies (primary cells), and kinase signaling assays

neilgrimsey@uga.edu

ANTHONY HAWKINS, PHARM.D.

Research Areas: Choice of IV fluids, fluid resuscitation and hemodynamic monitoring

Opportunities for Collaboration: Critical care practice-based research, critical care education in the didactic and experiential curriculum

hawkins@uga.edu

BLAKE JOHNSON, PHARM.D., MPH

Research Areas: Scholarship of Teaching and Learning, chronic disease state management, health disparities, cardiovascular disease

Opportunities for Collaboration: Local and state health disparity initiatives, clinical decision support tools for chronic disease state management

brj53453@uga.edu

DEVIN LAVENDER, PHARM.D.

Research Areas: Ambulatory care pharmacy practice, chronic disease state management, pharmacy student/resident training and development

Opportunities for Collaboration: Development of ambulatory care pharmacy services, chronic disease state management (COPD, diabetes, hypertension, hyperlipidemia, heart failure), pharmacy student/resident training and development

devin.lavender@uga.edu

PRIYA NARAYANAN, PH.D.

Research Areas: Mechanisms of neurovascular injury in retina, diabetic retinopathy and optic neuritis

Opportunities for Collaboration: Neurovascular diseases of the eye

pnarayanan@augusta.edu

ANDREA NEWSOME, PHARM.D.

Research Areas: Critical care pharmacy practice and translational sciences

Opportunities for Collaboration: With critical care and CET faculty

andnewsome@augusta.edu
**BRADLEY PHILLIPS, PHARM.D.**

**Research Areas:** Underlying mechanisms for cardiovascular disease in patients with sleep apnea

**Opportunities for Collaboration:** Clinical studies in sleep and sleep disorders in people with and without systemic diseases

bgp@uga.edu

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**LILIAN SATTLER, PH.D.**

**Research Areas:** Management of advanced heart failure, particularly through nutritional interventions in the context of existing pharmacotherapy; socioeconomic health disparities in cardiovascular health (CVH)

**Opportunities for Collaboration:** With faculty interested in CVH and clinical/translational research

lilian@uga.edu

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**SOMANATH SHENOY, PH.D.**

**Research Areas:** Molecular mechanisms regulating vascular permeability, angiogenesis, integrin activation, extracellular matrix remodeling and tumor growth

**Opportunities for Collaboration:** Assistance with statistical analysis for protocol approvals, research data analysis, and grant applications

sshenoy@augusta.edu

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**SUSAN SMITH, PHARM.D.**

**Research Areas:** Infectious Diseases and sepsis in critically ill patients

**Opportunities for Collaboration:** With other critical care clinical faculty with interests in Vascular Diseases

susan.smith@uga.edu

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**ROBIN SOUTHWOOD, PHARM.D.**

**Research Areas:** Diabetes therapy in hospitalized patients

**Opportunities for Collaboration:** Diabetes and diabetes-related complications

rsouthwd@uga.edu

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**RANDALL TACKETT, PH.D.**

**Research Areas:** Ethnic and gender differences in cardiovascular disease and pharmacotherapy; mechanisms of action of abused drugs and preventative education; mechanisms of adverse drug effects: recognition and minimization

**Opportunities for Collaboration:** Substance abuse; FDA regulations and drug approval

rtackett@uga.edu
VASCULAR DISEASES
Research Team

MAY XIONG, PH.D.
Research Areas: Drug delivery and pharmaceutics, specifically the design of macromolecules to improve iron chelation therapy and strategies to combat multi-drug resistance in bacteria
Opportunities for Collaboration: Any area in which drug delivery is a challenge
mayxiong@uga.edu

YAO YAO, PH.D.
Research Areas: Blood Brain Barrier (BBB), stroke, laminin biology, muscular dystrophy; therapies for neurological disorders and muscular dystrophy
Opportunities for Collaboration: Basement membrane biology, blood-brain barrier, stroke, neurodegenerative disorders, muscular dystrophy
yyao@uga.edu

HENRY YOUNG, PH.D.
Research Areas: Patient medication use to improve quality of life and health outcomes with a special interest in health services and outcomes in underserved and minority patient populations
Opportunities for Collaboration: Different contexts (e.g., medical conditions, diverse populations); areas of asthma, pain and cardiovascular disease
hnyoung@uga.edu