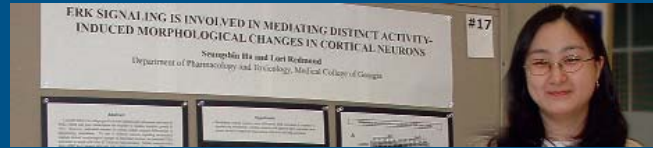


We specialize in helping to make your professional dreams come true!



Research that makes a difference Pharmacology & Toxicology at MCG has a rich history of accomplishments in biomedical research. For example, alpha and beta adrenergic receptors were first discovered here in our department, leading to the creation of drugs such as the beta blockers.

Outstanding Faculty Members Our faculty have a wide range of scientific interests to help you fulfill your personal career goals.

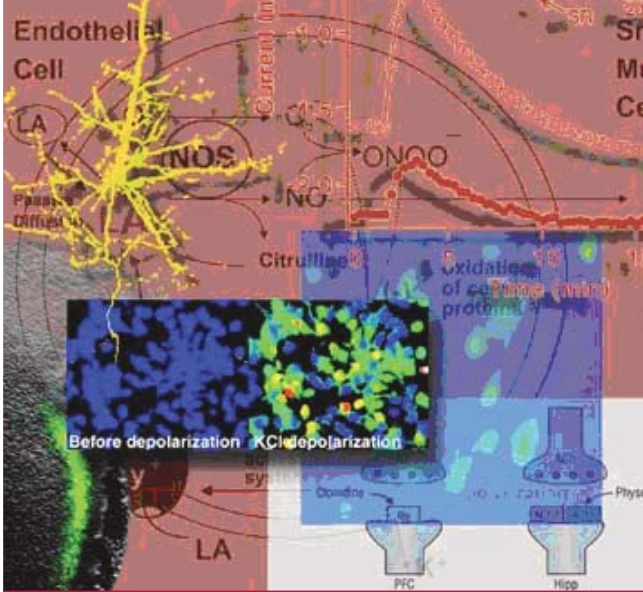
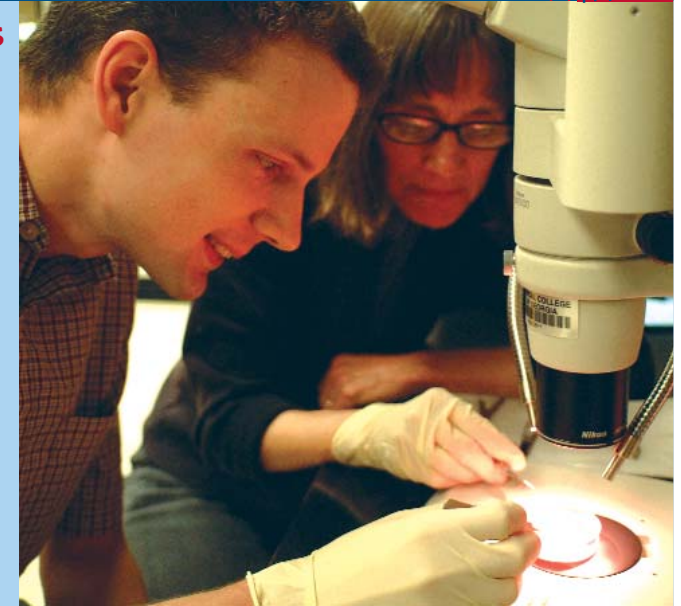
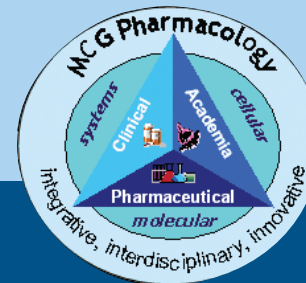
Talented Colleagues Our students come from diverse backgrounds, yet share the common purpose of becoming independent scientific investigators. You'll find both professional and personal support from your fellow Pharmacology & Toxicology graduate students.

Successful Graduates Our graduates have a track record of achieving success as both academic faculty and as successful researchers in the pharmaceutical industry.

Frequently Asked Questions

Don't I have to know a lot of Chemistry before I study Pharmacology? NO. You do not need to be an expert in Chemistry or Pharmacy to earn a Ph.D. in Pharmacology.

How long will it take to earn my Ph.D.? You set your own pace. Generally our students work for 3-4 years after entering their dissertation laboratory.



If you'd like more information about the many exciting opportunities for graduate study in the pharmacological sciences, please contact us. We'd love to have the opportunity to meet you and tell you more about our specific program of study.

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Medical College of Georgia

**Created Anything Lately?
 Let us show you how...**



Imagination

is the beginning of creation.

-George Bernard Shaw

Can you imagine yourself...

making a difference in the world?

creating the knowledge that leads to new medicines and maybe even cures for diseases that afflict thousands of people?

as a scientist who works toward understanding how drugs work and helps in the creation of new therapies?

If you can imagine yourself in such a way, then imagine yourself as a **Pharmacologist!**

If you are a highly motivated and enquiring student who is seeking a career in the biomedical sciences and have a strong interest in making a major contribution to the understanding of current disease processes and the development of new therapies, then explore Pharmacology.

As it unlocks the mysteries of drug action, discovers new therapies, and develops new medicines, Pharmacology touches all our lives.

Pharmacology is an integrated, multi-disciplinary science encompassing a diversity of fields such as neuroscience, cardiovascular science, cancer biology, molecular and cellular biology, endocrinology, toxicology, forensics, pharmaceuticals, and clinical science. Few scientific disciplines can match the breadth and scope of the pharmacological sciences.



So many **Options** for you!

A Ph.D. in pharmacology will be a key that opens up a world of career opportunities for you.

Here's just a sample your choices:

Academia. Research and teaching careers at universities and major medical centers.

Government. Government agencies like the NIH, EPA, FDA, and the CDC all employ pharmacologists as researchers.

Industry. Pharmacologists are prime targets for pharmaceutical and biotech companies seeking biomedical scientists.

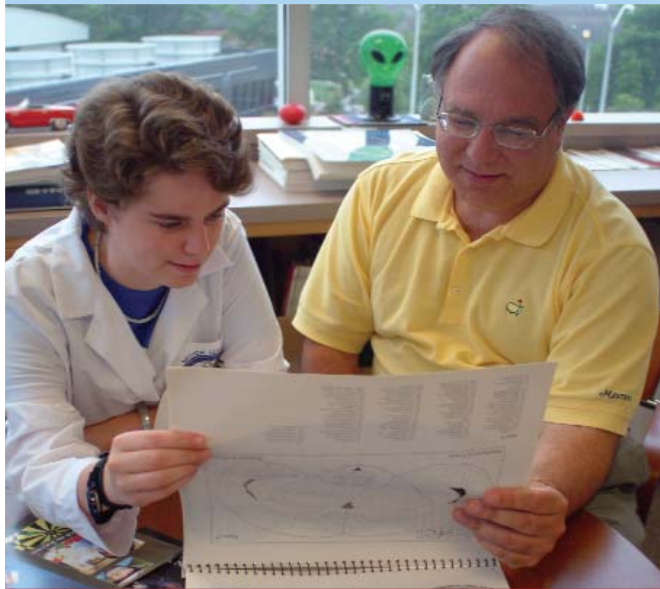
Regardless of the setting, pharmacologists often work as members of multi-disciplinary research groups. Working with scientists from many backgrounds contributes to the thrill of entering unexplored realms and participating in discoveries that have an impact on life and health. PLUS...

There continues to be a shortage of pharmacologists. **You would indeed be a vital part of an exciting biomedical research team!**



Pharmacology is the science of drug action on biological systems.

In its entirety, pharmacology embraces knowledge of the sources, chemical properties, biological effects, and therapeutic uses of drugs. Pharmacological studies range from the effects of drugs on subcellular mechanisms, to those dealing with potential hazards of pesticides, to those that focus on treatment and prevention of major diseases with drug therapy. Integrating knowledge from many related scientific disciplines offers a unique perspective to solving drug, hormone, and chemical-related problems as they impinge on human health.



www.mcg.edu/som/phmtox/index.html