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Toxicology-Related Academic Programs

Clemson University

Environmental Toxicology Graduate Program

Degree(s) Offered: MS, PhD in Environmental Toxicology

Department: Department of Biological Sciences
132 Long Hall
Clemson, South Carolina 29634

URL: <https://www.clemson.edu/science/academics/departments/biosci/academics/grad-entox.html>

Program Director: Bill Baldwin

Email: baldwin@clemson.edu

Phone: 864-656-2328

Program Contact: Subham Dasgupta

Email: subhamd@clemson.edu

Phone: 631-880-2878

Graduate program focus and areas of expertise:

Our environmental toxicology graduate program's mission is to train new toxicologists and address pertinent toxicological questions on chemical fate, bioavailability, bioaccumulation, toxicokinetics, biological effects, and mechanisms of action within ecosystems and human health. We work on understanding toxicity of a wide array of chemicals and chemical mixtures, including PFASs, PAHs, metals, flame retardants, microplastics, phthalates, bisphenols, PDBEs, SSRIs and more. Our work uses various ecologically relevant and laboratory model systems. Areas of expertise include neurotoxicology, developmental toxicology, metabolism, toxicokinetics, reproductive and placental toxicology, cardiovascular toxicology and remediation.

Summer research Internship program? No

Toxicology-Related Academic Programs

Colorado State University

Toxicology Graduate Program

Degree(s) Offered: PhD and Masters

Department: Environmental and Radiological Health Sciences

1680 Campus Delivery

Fort Collins, CO 80526

URL: <https://vetmedbiosci.colostate.edu/degree-programs/graduate/ms-toxicology/toxicology-1-year/>

Program Director: Julie Moreno

Email: julie.moreno@colostate.edu

Phone: 970-491-5410

Graduate program focus and areas of expertise:

The Master of Science in toxicology is an intensive one- to two-year program designed to prepare you for the next step in your professional journey — whether that's medical or veterinary school, a PhD program, or an impactful career in the pharmaceutical industry, research and development, government, or consulting. This program explores the effects of chemicals and other potentially hazardous agents on human, animal, and environmental health, equipping you with both foundational knowledge and practical skills in the field of toxicology.

Summer research Internship program? No

Toxicology-Related Academic Programs

Duke University

Integrated Toxicology and Environmental Health Program

Degree(s) Offered: PhD

Department: Interdepartmental

URL: <https://sites.nicholas.duke.edu/envhealth/>

Program Director: Joel Meyer

Email: joel.meyer@duke.edu

Phone: 919-613-8109

Graduate program focus and areas of expertise:

Duke University's Integrated Toxicology and Environmental Health Program (ITEHP) is a predoctoral training program which prepares students for research careers in environmental health and toxicology. Interdepartmental and multidisciplinary, PhD degrees are awarded jointly by the Department and the Program.

Summer research Internship program? No

Toxicology-Related Academic Programs

Florida International University

Public Health

Degree(s) Offered: Master of Public Health (MPH) and Doctorate (PhD)

Department: Environmental Health Sciences

11200 S.W. 8th Street, Building AHC5

Miami, FL 33199

URL: <https://stempel.fiu.edu/academics/public-health/disciplines/environmental-health-sciences/index.html>

Program Director: Alok Deoraj

Email: adeoraj@fiu.edu

Phone: 305-348-7793

Program Contact: Javier Choque

Email: jchoque@fiu.edu

Phone: 305-348-7778

Graduate program focus and areas of expertise:

The Stempel College offers a nationally ranked and CEPH-accredited Master of Public Health (MPH) program. The Department of Environmental Health Sciences (EHS) trains students in environmental monitoring and exposure assessment, preparing them to address complex, real-world issues, contribute to scientific research, and influence policies aimed at protecting public health and the environment. This preparation includes both didactic courses and practical experiences in the field. The EHS department offers MPH degrees with two concentrations: 1. Environmental Health Sciences (EHS), and 2. Brain, Behavior, and the Environment (BBE). Our doctoral program focuses on mechanistic research studies that examine the interactions between people and their surroundings. It identifies how environmental factors—such as toxic substances, pollutants, and other hazards—contribute to adverse health outcomes, including cancer and neurodegenerative disorders. Our curriculum integrates transdisciplinary research with a strong emphasis on key public health topics. Our research areas include neuroscience, toxicology, exposure science, precision environmental health, and occupational health. The EHS department offers a Ph.D. degree with two concentrations: 1. Environmental Toxicology, and 2. Brain, Behavior, and the Environment.

Summer research Internship program? No

Toxicology-Related Academic Programs

Indiana University

Environmental and Occupational Health

Degree(s) Offered: MS in Environmental and Occupational Health; PhD in Environmental Health

Department: Environmental and Occupational Health
2719 E 10th St
Bloomington, IN 47408

URL: <https://publichealth.indiana.edu/doctoral/majors/phd-environmental-health.html>;
<https://publichealth.indiana.edu/masters/degrees-majors/ms-environmental-health.html>

Program Director: Barbara Hocevar, PhD

Email: bhocevar@iu.edu

Phone: 812-856-2481

Graduate program focus and areas of expertise:

The goal of the MS and PhD training program in Environmental Health at Indiana University School of Public Health - Bloomington is to educate the next generation of environmental health professionals and researchers to understand the influences and effects of the environment on human health and disease, develop innovative tools to assess environmental risks, and translate research into effective public health interventions. By training leaders in environmental health science, this program directly supports the goal of protecting human health and reducing the burden of environmentally mediated diseases across populations.

Summer research Internship program? Yes

Intern Program: Summer Undergraduate Research in Toxicology

Description: Goals of the summer program are to

- Gain hands-on experience with established researchers.
- Conduct toxicology research in laboratory environment.
- Explore the nature of research and the scientific process.
- Learn about toxicology career options.
- Learn about scientific writing and draft a meeting abstract.

Toxicology-Related Academic Programs

John Jay College of Criminal Justice
The Master of Forensic Science (MS-FOS)

Degree(s) Offered: Master's degree

Department: Sciences

524 West 59th Street

New York, NY 10019

URL: <https://www.jjay.cuny.edu/academics/graduate-programs/ms-forensic-science>

Program Director: Dr. Marta Concheiro-Guisan

Email: mconcheiro-Guisan@jjay.cuny.edu

Phone: 212-237-8492

Graduate program focus and areas of expertise:

Forensic science is the application of the natural sciences to matters of the law. Unique in its makeup, forensic science encompasses multiple areas of study and comprises several sub-specialties, all of which interface with law enforcement and the legal system. Students in the program specialize in criminalistics, molecular biology, or forensic toxicology. The program emphasizes hands-on laboratory coursework that not only provides up-to-date technical skills but also encourages critical thinking and problem-solving. In addition, the program engages current issues and trends in forensic science and includes courses on law and legal issues, ethics, and statistics.

Summer research Internship program? Yes

Toxicology-Related Academic Programs

Louisiana State University Biomedical and Veterinary Medical Sciences

Degree(s) Offered: MS, PhD

Department: School of Veterinary Medicine
Skip Bertman Dr
Baton Rouge, Louisiana 70803

URL: https://www.lsu.edu/vetmed/ms_phd_degrees/index.php

Program Director: Tammy Dugas

Email: tammydugas@lsu.edu

Phone: 225-578-7581

Program Contact: Stephen Costin

Email: scostin@lsu.edu

Phone: 225-578-4320

Graduate program focus and areas of expertise:

Graduate training in this department offers graduate students the opportunity to specialize in one or more disciplines. These disciplines include cell and molecular biology; cancer cell biology; toxicology, including inhalation toxicology; environmental health science and ecological chemistry; physiology; anatomy; and pharmacology. Faculty research interests and expertise include mechanisms of metastasis in cancer; gene therapy (including electroporation) in cancer; cell and molecular biology of tooth eruption; pharmacology and toxicology of aquatic species; environmental and ecological toxicology; cellular ultrastructure; environmental risk assessment; analytical pharmacology and toxicology; diagnostic neurophysiology; pharmacology of pain and inflammation; exercise physiology; xenobiotic metabolism and disposition; neurochemistry; pulmonary pharmacology; cardiovascular disease; and cetacean morphology.

Summer research Internship program? Yes

Intern Program: Undergraduate Summer Research Program in Biomedical and Veterinary Medical Sciences

Intern Program URL: https://www.lsu.edu/vetmed/research/undergrad_summer_research.php

Description: Louisiana State University School of Veterinary Medicine (LSU Vet Med) in Baton Rouge, Louisiana, is offering paid 10-week summer research internships to undergraduate students currently enrolled in U.S. colleges and universities. Research topics include toxicology, heart disease, lung biology, immunology, infectious diseases, neuroscience, and more.

Students will receive mentorship in research and career planning in a multi-disciplinary and collaborative environment. This opportunity is open to 6 to 10 students annually, depending on funding availability and qualified applicant-mentor matching. Applicants can explore opportunities in any of LSU Vet Med's three departments: Comparative Biomedical Sciences, Pathobiological Sciences, and Veterinary Clinical Sciences.

Toxicology-Related Academic Programs

LSU Health Sciences Center in Shreveport

Pharmacology PhD Program

Degree(s) Offered: PhD

Department: Department of Pharmacology, Toxicology & Neuroscience
1501 Kings Hwy
Shreveport, Louisiana 71130-3932

URL: <https://schoolofgradstudies.lsuhs.edu/academics/pharmacology-toxicology-and-neuroscience/research/super>

Program Director: Yunfeng Zhao

Email: yunfeng.zhao@lsuhs.edu

Phone: 318-675-7876

Graduate program focus and areas of expertise:

Pharmacology is a biomedical science devoted to studying the mechanisms and effects of drug action. Elucidating these mechanisms requires an understanding of the various basic and biomedical sciences, such as chemistry and biochemistry, cell biology, anatomy, and physiology. The study of pharmacology is unique in that pharmacologists use drugs and other chemicals to explore complex cellular and subcellular processes not previously understood. Graduate study in pharmacology emphasizes training in research design and implementation to prepare students for challenging careers in industry, government, and academia.

Summer research Internship program? Yes

Intern Program: SUPER Summer Internship Program

Intern Program URL: <https://schoolofgradstudies.lsuhs.edu/academics/pharmacology-toxicology-and-neuroscience/research/super>

Description: The Department of Pharmacology, Toxicology and Neuroscience offers an eight-week summer research program for domestic undergraduate students who are interested in pursuing a career in pharmacology. Students participate in laboratory research experiments and attend weekly lectures on topics that will help prepare them for success in research-intensive doctoral programs. The SUPER Program is funded by the ASPET/SURF, Society of Toxicology, LSU Health Shreveport Foundation, and the Department of Pharmacology, Toxicology, and Neuroscience.

Toxicology-Related Academic Programs

Michigan State University

Environmental and Integrative Toxicological Sciences Training Program

Degree(s) Offered: PhD

Department:

Food Safety and Toxicology Building
1129 Farm Lane Rm. 165G
East Lansing, Michigan 48824

URL: <https://iit.msu.edu/training/eits/index.html>

Program Director: John J LaPres

Email: lapres@msu.edu

Phone: 517-432-9282

Graduate program focus and areas of expertise:

The Environmental and Integrative Toxicological Sciences (EITS) at MSU offers a “dual major” doctoral program. Each student engages in graduate education in a basic science doctoral program that matches the student’s scientific interests. With this as a foundation, the EITS graduate program provides customized and coordinated training that enables a student to launch a successful career in the science of toxicology.

Summer research Internship program? Yes

Intern Program: Summer Research Program

Intern Program URL: <https://grad.msu.edu/diversity-and-community/community-programs/summer-research-opportunities-program>

Description: The Summer Research Opportunities Program (SROP) is a gateway to graduate education at Big Ten Academic Alliance universities. SROP helps prepare undergraduates for graduate study through intensive research experiences with faculty mentors and enrichment activities.

Toxicology-Related Academic Programs

Michigan State University

Online Graduate Programs in Pharmacology and Toxicology

Degree(s) Offered: MS in Pharmacology and Toxicology, MS in Integrative Pharmacology, Graduate Certificate in Safety Pharmacology

Department: Pharmacology and Toxicology

1355 Bogue Street

B440 Life Sciences Building

East Lansing, MI 48824

URL: <https://phmtox.msu.edu/programs/online-ms-programs>

Program Director: Dr. Isola Brown

Email: browniso@msu.edu

Graduate program focus and areas of expertise:

Our programs are ideal for both recent baccalaureate graduates and mid-career professionals seeking to enhance employment qualifications or competitiveness for professional school admissions. Courses are 100% online and asynchronous and cover fundamental in pharmacology and toxicology and specialty topics.

Summer research Internship program? No

Toxicology-Related Academic Programs

National Institute of Environmental Health Sciences
Division of Extramural Research and Training
Department:

PO Box 12233
Research Triangle Park, NC 27517

URL: <https://www.niehs.nih.gov/>

Program Director: Carol A. Shreffler

Email: shreffl1@niehs.nih.gov

Phone: 984-287-3322

Program Director: Michael Humble

Email: humble@niehs.nih.gov

Phone: 984-287-3272

Graduate program focus and areas of expertise:

NIEHS supports predoctoral and postdoctoral training and career development opportunities at universities and other institutions across the United States. NIEHS pays special attention to applications from investigators who are early in their careers, with grants for Training Grants to support pre and postdoctoral trainees, Fellowships for pre and postdoctoral trainees, opportunities for summer research opportunities for undergraduates and teachers, and career development awards for transition of early faculty to research careers by Career Development Awards.

Summer research Internship program? No

Toxicology-Related Academic Programs

North Carolina State University

Toxicology Program

Degree(s) Offered: MS, MTOX, PhD

Department: Biological Sciences
Campus Box 7633
Raleigh, NC 27695

URL: <https://tox.sciences.ncsu.edu/>

Program Director: Michael Cowley

Email: macowley@ncsu.edu

Phone: 919-513-0818

Graduate program focus and areas of expertise:

Our mission is to provide future generations of toxicologists and environmental health science (EHS) researchers with the didactic, scientific, and professional skills necessary to conduct high-impact research, communicate effectively to a wide variety of audiences, and work within multidisciplinary teams to understand how human health is impacted by environmental factors. Our graduates pursue successful careers in academia, industry, and government. The Toxicology Program at NC State draws on an interdisciplinary group of faculty members from the Departments of Biological Sciences, Molecular Biomedical Sciences, Statistics, Physics, Chemistry, Environmental Engineering, Population Health and Pathobiology, Applied Ecology, and Entomology to provide outstanding research and training opportunities for MS and PhD students. Our Program is home to one of the longest-running NIEHS T32 Training Grants in the nation, supporting the training of over 200 scientists. Our Program forms the bedrock for a rich environment of toxicology and EHS research at NC State, including three current NIH Center grants. This combination of Centers is unique among institutions in the US, and helps cement NC State's position as a national leader in the field. Students in our Program have access to an exceptional set of resources including core facilities, cutting-edge instrumentation, seminars, symposia, workshops, and professional development opportunities.

Summer research Internship program? No

Toxicology-Related Academic Programs

Oregon State University

Environmental and Molecular Toxicology

Degree(s) Offered: MS, PhD

Department: Environmental and Molecular Toxicology Department
1007 ALS Bldg
Corvallis, OR 97331

URL: <https://emt.oregonstate.edu/>

Program Director: Susan Tilton

Email: susan.tilton@oregonstate.edu

Phone: 541-737-1740

Graduate program focus and areas of expertise:

The integrated mission of the Department of Environmental & Molecular Toxicology (EMT) is to educate students in the toxicological sciences, to conduct research on the effects of chemicals and other agents on humans and the environment and to engage the public through extension and outreach. The EMT Department focuses on creating, disseminating, and applying new knowledge to enhance the treatment and prevention of human disease and to ensure the protection of the environment and public health.

Summer research Internship program? No

Toxicology-Related Academic Programs

Purdue University

Toxicology

Degree(s) Offered: Masters Non-Thesis, Masters Thesis, Doctoral

Department: School of Health Sciences
550 Stadium Mall Drive
School of Health Sciences
West Lafayette, Indiana 47907

URL: <https://hhs.purdue.edu/graduate-programs/toxicology-graduate-program/>

Program Director: Jonathan Shannahan

Email: jshannah@purdue.edu

Phone: 765-494-2326

Graduate program focus and areas of expertise:

Emphasis is placed on novel and interdisciplinary laboratory research. The School of Health Sciences' toxicology program has broad research strengths, and notable examples include: 1) The role chemical exposures (especially to dietary factors; pesticides; and metals, such as manganese, lead, and mercury) may have in neurological and developmental diseases; 2) The intersection of cardiopulmonary and immunotoxicology in response to nanoparticle exposure; 3) Molecular and systems toxicology; 4) Imaging toxicant accumulation and effects in human populations, animal models and cell cultures; and 5) The utilization of basic, applied, clinical and computational approaches across biological scales to advance understanding of human-relevant toxicology.

Summer research Internship program? Yes

Intern Program: Purdue Undergraduate Research Experience in Toxicology (PURE-Tox)

Intern Program URL: <https://hhs.purdue.edu/research/departmental-research/school-of-health-sciences-research/puretox/>

Description: The goal of this program is to help students develop basic and transferable research, professional, and career skills. Students will be matched with a research mentor. Most of the student's time will be spent conducting research in their matched toxicology laboratory. Students will also participate in a weekly seminar series covering research and career development topics. Research topics include basic toxicology principles, ongoing research projects, journal clubs, and introduction to technologies/methodology. Career development topics include responsible conduct of research, graduate school application processes, careers in toxicology, presentation skills, abstract writing, and others. Community-building events will be interspersed throughout the program. The summer program will culminate in a research seminar where students will present their research findings. Following the presentations, there will be a social mixer attended by students, mentors, laboratory personnel (graduate students), toxicology faculty, and our toxicology program alumni. Students will be encouraged and assisted with submitting abstracts for regional and national Society of Toxicology (SOT) meetings as well as submitting to participate in SOT's undergraduate program.

Toxicology-Related Academic Programs

Rutgers, The State University of New Jersey

Joint Graduate Program in Toxicology

Degree(s) Offered: MS and PhD in Toxicology

Department: Pharmacology and Toxicology

170 Frelinghuysen Rd

Piscataway, NJ 08854

URL: <https://jgpt.rutgers.edu>

Program Director: Lauren Aleksunes

Email: aleksunes@eohsi.rutgers.edu

Phone: 860-978-2581

Graduate program focus and areas of expertise:

The Joint Graduate Program in Toxicology (JGPT) is an interdepartmental program designed to train students and postdoctoral fellows in the discipline of toxicology.

Summer research Internship program? Yes

Intern Program: Summer Undergraduate Research Fellowship

Intern Program URL: <https://surf.rutgers.edu>

Description: The Ernest Mario School of Pharmacy Summer Undergraduate Research Fellowship (SURF) Program is an NIH-funded REU intended for highly motivated undergraduates interested in a research career in the pharmaceutical and environmental sciences. Students are provided with an opportunity to conduct full-time research in areas related to Pharmacology and Toxicology, Environmental Health Sciences, Pharmaceutics, Medicinal Chemistry, Chemical Biology, and Clinical Pharmacy.

Toxicology-Related Academic Programs

Texas A&M University
Toxicology Graduate Program
Degree(s) Offered: PHD, MS
Department: Toxicology
1266 TAMU
College Station, TX 77843

URL: <https://toxicology.tamu.edu>

Program Director: Natalie Johnson
Email: nmjohnson@tamu.edu
Phone: 979-436-9325

Graduate program focus and areas of expertise:

The Texas A&M University graduate toxicology program, housed within the Interdisciplinary Faculty of Toxicology, provides M.S. and Ph.D. training with a strong emphasis on mechanistic toxicology, exposure science, risk assessment, and regulatory science. The program is highly interdisciplinary, drawing faculty from multiple colleges and departments, and prepares students to understand how environmental and chemical exposures affect human health across molecular, cellular, organismal, and population levels. Graduates gain rigorous research training alongside applied skills relevant to public health, environmental protection, and regulatory decision-making, positioning them for careers in academia, government, industry, and consulting.

Summer research Internship program? No

Toxicology-Related Academic Programs

Texas Tech University

Department of Environmental Toxicology

Degree(s) Offered: MS ENTX (thesis option; in person), MS ENTX (non thesis option; 100% online), and PhD ENTX (in person)

Department: Environmental Toxicology
1207 S. Gilbert Dr. Bldg. 555
Lubbock, TX 79416

URL: <https://www.depts.ttu.edu/entx/index.php/>

Graduate program focus and areas of expertise:

The Department of Environmental Toxicology (ENTX) provides faculty and graduate students opportunities for multidisciplinary research and scholarly engagement related to environmental, forensic, and human health sciences. The Environmental Toxicology faculty attract graduate students at both the master's and doctoral level, with their backgrounds in biological sciences, medicine, epidemiology, biostatistics, engineering, chemistry, computer science, law, mathematics, pharmacology, physiology, and wildlife biology. Our department offers a Ph.D. in Environmental Toxicology, MS in Environmental Toxicology, MS in Forensics Science, and two undergraduate minors (Environmental Toxicology and Forensic Sciences).

Summer research Internship program? No

Toxicology-Related Academic Programs

**The University of New Mexico
Biomedical Sciences Graduate Programs**

Degree(s) Offered: PhD

Department: Pharmaceutical Sciences

Program Contact: Alicia Bolt

Email: ambolt@salud.unm.edu

Phone: 505-304-6441

Summer research Internship program? Yes

Intern Program: UPN

Intern Program URL: <https://hsc.unm.edu/medicine/education/reo/undergraduate/upn/>

Description: The UNMHSC Undergraduate Pathways Network (UPN) program is an umbrella program that brings together undergraduates conducting summer biomedical research across the UNMHSC campus with the goal of cultivating students' interest in research while helping them attain skills needed to apply for and succeed in post-baccalaureate education. The program provides the opportunity for approximately 50 scholars to choose from several areas of research at the University of New Mexico's Health Sciences Center. Several different research programs participate as part of the UPN experience, which includes seminars, career development opportunities, and social activities.

Toxicology-Related Academic Programs

The University of Texas at Austin

Pharmaceutical Sciences

Degree(s) Offered: PhD, MSPS

Department: College of Pharmacy
2409 University Avenue
Austin, TX 78712

URL: <https://pharmacy.utexas.edu/programs/ms-phd>

Program Director: John H. Richburg, PhD

Email: john.richburg@austin.utexas.edu

Phone: 512-471-4736

Program Contact: Katie Traughber

Email: PGSgradstudies@austin.utexas.edu

Phone: 512-471-6590

Graduate program focus and areas of expertise:

The University of Texas at Austin College of Pharmacy operates longstanding and well-developed graduate training programs in pharmaceutical sciences and translational sciences. Pharmaceutical Science is an interdisciplinary field that includes areas of study in chemical biology and medicinal chemistry, pharmaceuticals, pharmacology, toxicology, pharmacotherapy, and health outcomes. Students applying to the graduate program in pharmaceutical sciences will select a division-specific training track that most closely matches their interests.

Summer research Internship program? Yes

Intern Program: LEADER - A Summer Undergraduate Research Program

Intern Program URL: <https://pharmacy.utexas.edu/about/pathway-programs>

Description: The LEADER program at The UT Austin College of Pharmacy will provide rising junior or senior undergraduate students from Texas' historically black colleges and universities (HBCUs) and Hispanic serving institutions (HSIs) the opportunity to receive on-site high-quality "hands on" laboratory experiences and technique instruction and gain fundamental research skills in a nine-week on-campus experience. Participating faculty mentors come from several of the college's divisions and have demonstrated experience training and mentoring undergraduate students. Importantly, this program provides student mentoring and coaching from the Directors, Dr. Tonia Guida, Assistant Professor of Instruction, and Dr. Rana Ghosh, Associate Professor, as well as Dr. John Richburg, who serves as the Associate Dean of Research and Graduate Studies. Several invited presenters provide information on various professional development and career topics such as Best Practices for Graduate Program Applications, to help guide the participants along their personal career explorations. At the conclusion of the summer program, each student presents their work in a poster session held on campus.

Toxicology-Related Academic Programs

University of California, Davis

MSDT One Health

Degree(s) Offered: n/a

Department: Molecular Biosciences

VETMED

1210 VM3B

Davis, California 95616

URL: <https://msdtonehealth.ucdavis.edu/apply-here>

Program Director: Wilson Kiiza Rumbeiha DVM, PhD, DABVT, DABTMSDT

Email: wkrumbeiha@ucdavis.edu

Phone: 517-944-2022

Program Contact: Lacle Blackshire

Email: lblackshire@ucdavis.edu

Phone: 530-574-6291

Graduate program focus and areas of expertise:

The Mentoring and Skills Development Training Program in One Health is a program targeting Early Career Scientists and undergraduate students in STEM. It is a national training program whose goal is to impart transdisciplinary research skills so that toxicologists can comfortably engage in One Health research. We admit 10 Early Career Scientists and 20 undergraduate students per year the yr-long training program. Hosted by University of California, Davis, it is run by a consortium of institutions including SETAC, Meharry Medical College, and Iowa State University.

Summer research Internship program? No

Toxicology-Related Academic Programs

University of California, Davis

T32 Advanced Training in Environmental Health Sciences/ Pharmacology and Toxicology

Degree(s) Offered: PhD, MS

Department: Environmental Toxicology

One Shields Ave

Davis, CA 95616

URL: <https://niehs.etox.ucdavis.edu/> And <https://ptx.ucdavis.edu/>

Program Director: Laura Van Winkle

Email: lsvanwinkle@ucdavis.edu

Phone: 530-754-7547

Program Contact: Christee Rubio

Email: clrubio@ucdavis.edu

Phone: 530-752-4516

Graduate program focus and areas of expertise:

This is a graduate program in pharmacology and Toxicology with expertise in neuropharm/tox, respiratory pharm/tox, clinical pharm/tox, cancer etc

Summer research Internship program? No

Toxicology-Related Academic Programs

University of California, Irvine

Environmental Health Sciences Graduate Program

Degree(s) Offered: PhD, MS

Department: Department of Environmental and Occupational Health
856 Health Sciences Road, Suite 3200
Irvine, California 92697

URL: <https://publichealth.uci.edu/degrees-programs/doctoral-programs/phd-environmental-health-sciences/>

Program Director: Andrea De Vizcaya Ruiz

Email: adevizca@uci.edu

Phone: 949-824-1857

Graduate program focus and areas of expertise:

The EHS Graduate Program offers tracks in Environmental Toxicology and Environmental Epidemiology. The program equips students with the knowledge and skills to teach and conduct basic and applied research across core areas including inhalation and pulmonary toxicology, neurotoxicology, reproductive and developmental toxicology, toxicokinetics, molecular carcinogenesis, exposure sciences, environmental and occupational epidemiology, risk assessment, injury and violence prevention, social and environmental stressors, environmental justice, and community-based participatory research.

Summer research Internship program? No

Toxicology-Related Academic Programs

University of California, Los Angeles

Environmental and Molecular Toxicology Program

Degree(s) Offered: PhD

Department: Environmental and Molecular Toxicology Program

URL: <https://moltox.ph.ucla.edu/>

Program Director: Oliver Hankinson

Email: OHank@mednet.ucla.edu

Program Contact: Larissa Rapadas

Email: EHS-SAO@ph.ucla.edu

Graduate program focus and areas of expertise:

The thirty faculty of our interdepartmental PhD in Environmental and Molecular Toxicology Program come from sixteen different departments in the School of Medicine, the Fielding School of Public Health, and the College of Letters and Science at UCLA. Members of our faculty also participate in the activities of the UCLA Jonsson Comprehensive Cancer Center, the California Nanosystems Institute and many other research units at UCLA. Areas of particular strength in our program include (1) air pollution (the toxic effects of secondhand cigarette smoke, wild-fire smoke, and fossil fuels and their combustion products); (2) neurotoxicology (particularly the role of pesticides in the etiology of Parkinson's disease); (3) gene-environmental interaction and susceptibility; (4) toxico-epigenetics (e.g. effects of endocrine disruptors and other toxicants); (5) quantitative and computational toxicology; (6) new approach methodologies (organoids, stem cells, zebrafish, Drosophila, C. elegans). These research foci are highly relevant to environmental challenges confronting California and the nation. The program is supported by a training grant from the National Institute of Environmental Health Sciences (NIEHS). Our program is now in its twenty-fifth year.

Summer research Internship program? No

Toxicology-Related Academic Programs

University of Cincinnati

Toxicology

Degree(s) Offered: PhD, MS

Department: Env Health Grad Office
160 Panzeca Way
Cincinnati, OH 45267

Program Director: Xia Xia

Email: ying.xia@uc.edu

Phone: 513-290-6214

Program Contact: Michelle Kossack

Email: kossacme@ucmail.uc.edu

Graduate program focus and areas of expertise:

Molecular toxicology and environmental genetics.

Summer research Internship program? No

Toxicology-Related Academic Programs

**University of Connecticut
Pharmaceutical Sciences Graduate Program**

Degree(s) Offered: PhD

Department: Pharmaceutical Sciences
69 North Eagleville Rd
Storrs, CT 06269
storrs, Connecticut 06269

URL: <https://pharmacy.uconn.edu/department-of-pharmaceutical-sciences/>

Program Director: Dr. Kyle Hadden

Email: kyle.hadden@uconn.edu

Program Contact: Deirdre McAvoy

Email: deirdre.mavoy@uconn.edu

Graduate program focus and areas of expertise:

The Department of Pharmaceutical Sciences at the UConn School of Pharmacy has a rich history of excellence in all three facets of its core mission: teaching, research, and service. We do this through world class teaching and learning, scientific discovery and exchange, and health care improvement. The Department is home to 20 faculty members with expertise in the disciplines of Pharmaceutics, and Pharmacology and Toxicology, and Medicinal Chemistry.

Summer research Internship program? No

Toxicology-Related Academic Programs

University of Georgia
Interdisciplinary Toxicology Program

Degree(s) Offered: MS and PhD

Department:

501 D.W. Brooks Drive

Rm. 2120

Athens, Georgia 30602

URL: <https://toxicology.uga.edu/>

Program Director: Nick Filipov

Email: filipov@uga.edu

Phone: 706-583-0058

Program Contact: Wanda Darden

Email: wdarden@uga.edu

Phone: 706-583-0058

Graduate program focus and areas of expertise:

Faculty in this emphasis area are primarily focused on understanding the effects and influence of xenobiotics on the environment and organisms that live in the environment. Using a wide range of scientific methods faculty are involved with species ranging from black flies, fish, amphibians, daphnia, bacteria, mussels, crocodiles and birds.

Summer research Internship program? No

Toxicology-Related Academic Programs

University of Illinois Urbana-Champaign Interdisciplinary Research Training Program in Environmental Health and Toxicology

Degree(s) Offered: PhD

Department: Several departments across campus
2001 S. Lincoln Ave.
Urbana, IL 61802

URL: <https://vetmed.illinois.edu/toxtrainingprogram/>

Program Director: Jodi Anne Flaws

Email: jflaws@illinois.edu

Phone: 217-333-7933

Graduate program focus and areas of expertise:

The Program, established in 2000, educates 4 predoctoral and 3 postdoctoral trainees per year in reproductive/endocrine toxicology, neurotoxicology, nutritional toxicology, nanotoxicology, and cancer toxicology.

Summer research Internship program? Yes

Intern Program: Summer Undergraduate Research Experience in Toxicology (SURE Tox)

Intern Program URL: <https://vetmed.illinois.edu/suretox/>

Description: The SURE Tox Program will enroll 8 undergraduate students who will spend 8 weeks over the summer in the Program. The specific goals of the SURE Tox Program are to: 1) match participants with faculty preceptors and peer-mentors (graduate students or postdoctoral fellows) who will direct the student to complete a hypothesis-driven project in the field of toxicology and environmental health; 2) help each student learn laboratory techniques and research skills; 3) provide training in research ethics and methods for enhancing reproducibility; 4) train students in scientific writing; 5) train students to prepare scientific talks and posters and to present their work at scientific meetings; 6) provide networking opportunities for students to meet other students and faculty members in toxicology and environmental health research; 7) provide students with information on academic, government, and industry careers in toxicology and environmental health; and 8) provide students with information and training in applying to graduate and professional schools.

Toxicology-Related Academic Programs

University of Kansas Medical Center Interdisciplinary Graduate Program in Biomedical Sciences (Emphasis on Toxicology)

Degree(s) Offered: PhD

Department: Pharmacology, Toxicology and Therapeutics
The University of Kansas Medical Center
Pharmacology, Toxicology & Therapeutics
Mailstop 1018
3901 Rainbow Boulevard
Kansas City, KS 66160

URL: <https://www.kumc.edu/school-of-medicine/academics/departments/pharmacology-toxicology-and-therapeutics.html>

Program Director: Bruno Hagenbuch

Email: bhagenbuch@kumc.edu

Phone: 913-588-0028

Graduate program focus and areas of expertise:

Graduate program focus and areas of expertise: drug induced liver injury and regeneration, transporters, liver diseases including MASLD and Alcohol Associated Liver Disease, nuclear receptor biology, neuroscience, PFAS

Summer research Internship program? Yes

Toxicology-Related Academic Programs

University of Kentucky

Integrated Biomedical Sciences Program

Degree(s) Offered: PhD

Department: Pharmacology and Nutritional Sciences
780 Rose Street
Lexington, Kentucky 40536

URL: <https://medicine.uky.edu/sites/graduate/phd-program>

Program Director: Hollie Swanson

Email: hollie.swanson@uky.edu

Phone: 859-323-1463

Graduate program focus and areas of expertise:

The Integrated Biomedical Sciences (IBS) is an undifferentiated, first-year, core curriculum that serves as the entry point for seven doctoral programs housed in the University of Kentucky College of Medicine. IBS provides exposure to cellular and molecular concepts in the biomedical sciences, development of interdisciplinary approaches necessary for innovative research, and flexibility in choosing a research emphasis among 186 faculty members in six departments. As part of IBS, students complete coursework, engage in biomedical research through laboratory rotations that facilitate selection of a dissertation mentor, and participate in research seminars.

Summer research Internship program? Yes

Intern Program: Summer Undergraduate Research in Environmental Health Sciences

Intern Program URL: <https://medicine.uky.edu/departments/pharmns/summer-training>

Description: A multidisciplinary research-training program for undergraduates after their sophomore year. This 10-week summer program is specifically for students who are interested in careers in environmental health sciences.

Toxicology-Related Academic Programs

University of Louisville

Degree(s) Offered: Non thesis MS (Pharmacology OR Toxicology); MS (Thesis based); PhD; MD/PhD (all Pharmacology and Toxicology)

Department: Department of Pharmacology and Toxicology
Kosair Charities Clinical and Translational Research Building
University of Louisville Health Sciences Center
505 South Hancock Street
Room 302A
Louisville, Kentucky 40202

URL: <https://louisville.edu/medicine/departments/pharmacology/programs>

Program Director: Nobuyuki Matoba, PhD

Email: n.matoba@louisville.edu

Graduate program focus and areas of expertise:

Our graduate programs incorporate a range of methodologies from molecular to clinical pharmacology and toxicology. It is an exciting time for research and education in pharmacology and toxicology at the University of Louisville School of Medicine. The University of Louisville and the Department of Pharmacology & Toxicology have long-standing interests and commitments to diversity in our graduate programs.

Summer research Internship program? No

Toxicology-Related Academic Programs

Toxicology-Related Academic Programs

University of Mary Hardin-Baylor

Public Health

Degree(s) Offered: BSPH, MPH

Department: School of Health Professions

900 College Street

Box 8010

Belton, TX 76513

URL: <https://www.umhb.edu/online-degrees/online-programs/healthcare/master-of-public-health>

Program Director: Ariane Secrest

Email: Asecrest@umhb.edu

Phone: 254-295-4975

Program Contact: Kristal Rychlik

Email: Bkristal510@yahoo.com

Graduate program focus and areas of expertise:

Our master of public health degree focuses on building skills to prepare individuals for a role as a health educator. These skills translate to many working fields, including toxicology.

Summer research Internship program? No

Toxicology-Related Academic Programs

University of Massachusetts Amherst

Environmental Health Sciences

Degree(s) Offered: PhD, MS, MPH

Department: Environmental Health Sciences

686 N. Pleasant St

Goessmann

Amherst, MA 01003

URL: <https://www.umass.edu/public-health-sciences/environmental-health-sciences>

Program Director: Alexander Suvorov

Email: asuvorov@schoolph.umass.edu

Program Contact: Alicia Timme-Laragy

Email: aliciat@umass.edu

Phone: 413-545-7423

Graduate program focus and areas of expertise:

UMass Amherst has faculty study air pollution exposure, environmental epidemiology, and toxicology.

Summer research Internship program? No

Toxicology-Related Academic Programs

University of Michigan

Environmental Health Sciences/Toxicology

Degree(s) Offered: MS, PhD

Department: Department of Environmental Health Sciences

1415 Washington Heights

Ann Arbor, MI 48103

URL: <https://sph.umich.edu/ehs/>

Program Director: Justin Colacino

Email: colacino@umich.edu

Graduate program focus and areas of expertise:

Each day we are building upon our rich history to solve some of the most pressing issues in environmental health sciences and public health. Our faculty, researchers, and students are tackling public health topics like lead contamination of the water supply, health effects of air pollution, populations vulnerable to climate change, protection of workers' health, the environment and cancer risk, toxicant exposures and preterm birth, mechanisms of toxic chemicals, or improving water quality in lower income countries.

Summer research Internship program? No

Toxicology-Related Academic Programs

University of New Haven

Henry C. Lee College of Criminal Justice and Forensic Sciences/Graduate Programs

Degree(s) Offered: Master's in forensic science (MSFS), Master's in forensic technology (MSFT)

Department: Department of Forensic Science
300 Boston Post Road
West Haven, Connecticut 06516

URL: <https://www.newhaven.edu/lee-college/graduate-programs/forensic-science/index.php>

Program Director(s): Virginia Maxwell (Program Director MSFS), Maria Torre (Program Director MSFT), Peter Valentin (Department Chair)

Email: VMaxwell@newhaven.edu; mtorre@newhaven.edu; pvalentin@newhaven.edu

Phone:

Program Contact: Shikha Sharma, PhD

Email: ssharma@newhaven.edu

Phone: 812-891-1086

Graduate program focus and areas of expertise: 1. Students can determine and integrate the application of the basic principles of the natural sciences to the examination and analysis of forensic evidence. 2. Students will distinguish and compare common forms of physical and pattern evidence and can properly interpret related examinations of this evidence. 3. Students can discriminate major ethical and professional guidelines, principles, and standards. They can also generate appropriate responses to ethically challenging situations. 4. Students will apply forensic evidence analysis and interpretations in the legal setting and produce and critique written and verbal expert testimony.

Summer research Internship program? No

Toxicology-Related Academic Programs

University of Rochester

Toxicology Training Program

Degree(s) Offered: PhD

Department: Environmental Medicine

601 Elmwood Avenue, Box 850

Rochester, NY 14642

URL: <https://www.urmc.rochester.edu/education/graduate/phd/toxicology>

Program Director: Alison Elder

Email: alison_elder@urmc.rochester.edu

Phone: 585-275-2324

Graduate program focus and areas of expertise:

The Rochester Toxicology Program provides state-of-the-art graduate and postdoctoral training in the environmental health sciences and toxicology. Our mission is to educate and train the next generation of talented, independent toxicologists and environmental health scientists who are able to conduct innovative research and transform their research findings into information, resources, and tools that will be used by public health and medical professionals, as well as the public, to improve overall human health and well-being.

Summer research Internship program? No

Toxicology-Related Academic Programs

University of Toledo

Pharmacy Graduate Degrees

Degree(s) Offered: Experimental Therapeutics (PhD), Pharmaceutical Sciences (MS), Medicinal Chemistry (MS, PhD), Cosmetic Science (MS)

Department: Pharmacology and Experimental Therapeutics
3100 Transverse Dr
Toledo, OH 43614

URL: <https://www.utoledo.edu/pharmacy/graduate/>

Program Director: Frederick Williams

Email: frederick.williams2@utoledo.edu

Phone: 419-383-1991

Graduate program focus and areas of expertise:

Departmental courses cover a broad range of disciplines, including a series of pharmacology, toxicology, and pharmacokinetics/toxicokinetics courses and many other courses in experimental therapeutics at the graduate level. Our faculty research areas are focused on neurotoxicology, drug addiction, cardiovascular disease, polycystic kidney disease, drug discovery/development, environmental toxicology, and animal models of human disease.

Summer research Internship program? No

Toxicology-Related Academic Programs

University of Washington

PhD in Environmental Health Sciences

Degree(s) Offered: Master of Public Health (MPH), Masters of Science (MS Thesis and MS Applied), and PhD in Environmental Health Sciences

Department: Department of Environmental & Occupational Health Sciences
4225 Roosevelt Way NE
Seattle, Washington 98105

URL: <https://deohs.washington.edu/>

Program Director: Judit Marsillach (lead), Elaine Faustman (co-lead)

Email: [jmarsi@uw.edu](mailto:jmars@uw.edu) (primary); faustman@uw.edu (secondary contact)

Phone: 206-221-4035 (JM); 206-685-2269 (EF)

Program Contact: Judit Marsillach

Email: [jmarsi@uw.edu](mailto:jmars@uw.edu)

Phone: 206-221-4035

Graduate program focus and areas of expertise:

The University of Washington's Department of Environmental & Occupational Health Sciences (UW DEOHS) offers both undergraduate and graduate programs, including a BS in Environmental Public Health and graduate degrees in Environmental Health Sciences (MPH, MS, and PhD). The MS program includes both thesis and applied (non-thesis, accelerated) options, and the MPH includes a required practicum to provide hands-on professional experience.

The PhD program emphasizes rigorous, interdisciplinary research training in areas such as toxicology, environmental exposure science, environmental epidemiology, occupational health, and One Health. The MPH program provides applied training in environmental health risk assessment, occupational safety, global health challenges, and policy development. Across all programs, students receive strong quantitative training, engage in hands-on research, and benefit from close mentorship and collaboration across disciplines.

DEOHS is internationally recognized for research on air pollution, climate change, workplace safety, toxicology, and exposure assessment. Students benefit from strong connections to UW's health sciences programs and partnerships with local, state, and federal agencies, as well as industry and community organizations.

The UW School of Public Health is ranked among the top 10 schools of public health in the U.S. and No. 5 globally (ShanghaiRanking). DEOHS ranks 6th worldwide and 3rd in the U.S. in environmental and occupational health sciences (U.S. News & World Report).

Summer research Internship program? Yes

Toxicology-Related Academic Programs

Wayne State University

Molecular and Environmental Toxicology

Degree(s) Offered: PhD

Department: Pharmacology

6374 Scott Hall

540 E Canfield

Detroit, MI 48201

URL: <https://pharmacology.med.wayne.edu/>

Program Director: Michael Petriello

Email: michael.petriello@wayne.edu

Phone: 313-577-1089

Graduate program focus and areas of expertise:

The doctoral program in Pharmacology offers a Concentration in Molecular and Environmental Toxicology (MET). The mission of the MET concentration is to provide comprehensive cross-disciplinary Ph.D. doctoral training in environmental health science and modern-era molecular and cellular toxicology. To achieve this goal, the MET concentration offers interdisciplinary research opportunities and access to mentors who are dedicated to probing the complex effects of exposure to environmental stressors. The MET concentration emphasizes the use of contemporary approaches, such as advanced techniques in biochemistry, cell biology, molecular biology, molecular genomics, epigenetics, bioinformatics, proteomics, and epidemiology, in problems aimed at dissecting the mechanisms of environmentally-induced disease. MET scientists are studying intracellular signaling pathways, transcriptional regulation of gene expression, apoptosis, oxidative stress, DNA repair, epigenetic and genetic perturbations, and complex mechanisms in cell growth and differentiation that determine the environmental contribution to diseases with a rising incidence in the urban setting such as metabolic disease, cancer, immune system disturbances and mental health disorders.

Summer research Internship program? No