The American Center for Reproductive Medicine

The American Center for Reproductive Medicine (ACRM) is a part of the Glickman Urological and Kidney Institute of the Cleveland Clinic. The Department of Urology is ranked as the No. 2 Urology program in the nation by U.S. News & World Report. The American Center for Reproductive Medicine enjoys an international reputation for excellence and innovation in human infertility research and is dedicated to disseminating its results. Research papers from the Center staff are selected regularly for publication in distinguished medical journals. The Center’s website has been ranked No. 1 for research in reproductive medicine and andrology since 2001 by all top five international search engines, including Google, Bing, Yahoo! and Ask.com. It has attracted over 930,000 visitors from all over the world. More than 515 physicians and scientists from more than 50 countries have received their training at the American Center for Reproductive Medicine during the past 22 years. Nearly 140 students in majors ranging from biology to English to the musical arts have participated in summer internships at our Center.

The 9th Annual Summer Mentorship Course in “Reproductive Medicine and Research”

June 13 to July 29, 2016

Make this a summer to remember!

For more information, please contact

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Gain priceless research experience under the guidance of world-renowned experts in reproductive medicine, male fertility, and women’s health at the Cleveland Clinic.

For additional information on internship staff, please visit our faculty page.

To learn more about our Summer Internship Course, including program faculty, internship syllabus daily schedule, complete project listing, internship awards, pictures of interns’ presentations, reception banquet, multimedia feedback, and accommodation options, please visit our 2015 Summer Mentorship webpage.
The Research is the Difference

The Summer Internship in the American Center for Reproductive Medicine delivers a unique, intensive bench research experience that will give you a lifelong foundation of skills — and look great on your resume! As a Summer Intern, you will select a research project to work on from a list of several bench experiments in reproductive biology. Sample projects from the 2015 Summer Mentorship program include:

- In Vitro Protective Effects of Ascorbate On Heat-Induced Generation of Reactive Oxygen Species on Sperm Functions
- Reactive Oxygen Species-Induced Post Translational Modifications in Spermatozoa Proteins and Its Effects on Sperm Function
- The Use of Human Sperm As a Bio-Assay for Evaluating Personal Care Products
- The Impact of Methylphenidate Hydrochloride, the Active Ingredient of Ritalin®, On Sperm Viability, Motility, and Oxidative Stress - An In Vitro Study
- Validating Oxidation-Reduction Potential in Fresh and Frozen Semen Samples With the RedoxSYS® Diagnostic System

To view the Internship Manual each intern receives during orientation, click here. The manual contains a thorough description of all planned bench projects available for selection. As an Intern, you will work on a research project alongside a team of other Summer Interns under the direction of a reproductive biologist. At the end of the program, you will prepare and deliver a presentation about your research project to your fellow interns and medical staff.

Never worked in a scientific research laboratory before? Our staff will teach you everything you need to know to have a successful research experience, from sample preparation to data recording. This invaluable experience will give you a competitive edge whether you are planning to apply to medical school, pursue a career in research, or just want to excel in your college science labs.

Learn How to Write It Right

Being able to write a sound scientific paper is a specialized skill that can help you succeed in your future endeavors. As part of your Summer Intern experience, you will select a subject to write about from a list of about two dozen exciting topics. In the past Mentorship programs, Interns have had the opportunity to write on topics such as:

- Post Translational Modification of the Sperm Cell Proteome
- ROS-Causing Protein Modifications in Spermatozoa and Seminal Fluid
- DNA Repair Defects and Male Infertility
- Predictive Role of Proteomic Profiles in Assisted Reproduction
- Male Reproductive Cancers and Infertility: A Mutual Relationship

You will learn the tools and techniques of scientific writing from a Cleveland Clinic expert, then apply what you’ve learned to create a research article or book chapter. With the assistance of your staff Mentor, you will go through all the steps of preparing an article or chapter for submission to a prestigious medical journal or book. When your manuscript is ready, you will actually participate in the submission process — and your name will appear as a co-author on the finished manuscript!

To view research publications from past interns, please visit our publications page and on Research Gate.

APPLICATIONS ARE NOW OPEN FOR THE 2016 SUMMER INTERNSHIP PROGRAM!

Apply Before March 1, 2016

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Recent Publications on Past Internship Outcomes

1. "Insights into an Award Winning Summer Internship Program: the First Six Years" (Accepted in The World Journal of Men's Health, October 2015)

2. "Cleveland Clinic's Summer Research Program in Reproductive Medicine: An Inside Look at the Class of 2014" (Duranampalam, D. et al. Medical Education Online, [S.I.L], v. 20, Nov. 2015. ISSN 1087-2981.)

Here’s what our intern alumni had to say about their summer experience ...
The spermatozoa and oocyte represent the personalized, hands-on ART training course offered annually since 2003. Candidates from more than 41 countries have participated in this course.

The open book and beaker represent the Summer Internship program, offered annually since 2008. Nearly 170 interns have experienced bench research and scientific writing under the personalized mentorship of scientists/physicians and reproductive biologists worldwide.

The DNA strand represents the essence of the research fellowship in human reproduction, andrology and male infertility, offered at the ACRM since 1993. More than 500 scientists/physicians from over 50 countries have trained at the ACRM. The Center is currently focusing on the use of proteomics and bioinformatics to elucidate biomarkers of male infertility.

The microscope and a hand holding the test tube represent the routine and advanced diagnostic testing offered to infertility patients at the Andrology Center and Reproductive Tissue Bank, one of the largest state-of-the-art facilities in the country. Our staff has more than 3 decades of experience in assisting patients with male infertility.

American Center for Reproductive Medicine (ACRM)

our vision
To be a premier center for researchers interested in human reproduction, providing them individualized mentoring and high quality training opportunities that lead to technical, analytical, and intellectual expertise in the field.

our mission
To conduct cutting-edge research in human reproduction and into the causes of infertility, and to train physicians and scientists to advance the understanding of reproductive sciences.

our values
We believe in integrity, excellence, innovation, accountability, commitment, perseverance, teamwork and collaboration.

Our Story
Founded in 1993, the ACRM offers research fellowships, hands-on training in human assisted reproduction, and summer mentorship opportunities. We also offer diagnostic services for male infertility and cancer patients. In the past 22 years, more than 1,000 scientists, physicians, researchers, reproductive medicine professionals and students from all over the world have trained at our Center.
Cleveland Clinic's Glickman Urological and Kidney Institute is recognized worldwide for excellence in patient care, teaching, and research. It merges Cleveland Clinic's urology and nephrology programs. Urology and nephrology physicians and scientists at Cleveland Clinic are recognized worldwide for excellence in patient care, teaching, and research. This year, U.S. News & World Report ranked our urology program No. 2 and our kidney disease program No. 2 in the nation.

Please visit us at: clevelandclinic.org/services/urology-kidney/about-urology-nephrology

About Cleveland Clinic

Ninety-two years ago, four physicians founded a new medical center in Cleveland. It was a nonprofit group practice where doctors from many specialties could collaborate for efficiency and better patient care. Their mission was “to care for the sick, investigate their problems and educate those who serve.” Located in Cleveland, Ohio, Cleveland Clinic is a nonprofit, multispecialty academic medical center that integrates clinical and hospital care with research and education. Today, with more than 1,400 beds on Cleveland Clinic main campus and 4,450 beds system-wide, Cleveland Clinic is one of the largest and most respected hospitals in the country.

Today, Cleveland Clinic is a main campus, eight community hospitals and more than 75 outpatient locations (including 16 family health centers) in northern Ohio, and facilities in Florida, Nevada, Toronto, and Abu Dhabi. Our locations are linked by health information technology and critical care transport, getting patients to the right facility, at the right time, for the right care. Cleveland Clinic is organized into patient-centered institutes based on single diseases or organ systems. Each institute combines medical and surgical services at the same location under the same leadership to improve patient care and experience. Each institute is required to establish benchmarks and measure and improve quality. Institutes are also required to publish annual outcomes books showing volumes, results, innovations, publications and other information relevant to patients and referring physicians. Cleveland Clinic integrates its far-flung system with an extensive electronic medical records system. This system includes participating community physicians and patients, who are able to access test results and portions of their medical record remotely via the Internet. Cleveland Clinic’s model of medicine has made it possible for us to achieve cost savings on a vast scale over the past several years. Our mantra is “Patients First.” Our motto is “To Act as a Unit.” Our goal is to give every patient the best outcome and experience. That’s the Cleveland Clinic way.

Visit: clevelandclinic.org