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## **Research Park at FAU and GenesisCare Team Up and Offer Radiation Oncology Elective for FAU Medical Students**

**BOCA RATON, Fla. (April 26, 2021)** – In collaboration with GenesisCare in Boca Raton, the [Research Park at Florida Atlantic University](#)® is pleased to announce that it has facilitated a new elective in radiation oncology rotation for fourth-year medical students at FAU's [Schmidt College of Medicine](#). Based in Australia, [GenesisCare](#) is the world's largest health care provider for radiation oncology services with numerous centers throughout the United States, including the center located within the Research Park at FAU. FAU's medical school has successfully developed partnerships with a consortium of hospitals and affiliated clinical sites throughout Palm Beach and Broward counties to support its mission of advancing the health and well-being of the community by training future generations of humanistic clinicians and scientists.

GenesisCare's Research Park at FAU location offers many advanced radiation therapy options such as TrueBeam technology, Intensity Modulated Radiation Therapy (IMRT), Image Guided Radiation Therapy (IGRT), 4-Dimensional Respiratory Gating, High Dose Rate (HDR) brachytherapy, and Electron beam. All types of cancers are treated at this office including breast, prostate, lung, CNS, skin, gynecologic, head and neck, gastrointestinal, among others.

At FAU's Schmidt College of Medicine, a medical student's last year of medical school is dedicated to acting internships and elective rotations, both locally and at medical schools across the nation, capped off with a practical skills-based "transition-to-residency" course at the end of their last year.

"Medical rotations are an important part of a medical student's experience and provide our future physicians with supervised patient contact and comprehensive teaching," said [Andrew Duffell](#), president of the Research Park at FAU. "We are excited to be able to offer this opportunity to FAU medical students in order to achieve proficient, thoughtful, compassionate and high-quality care in an environment that encourages practice-based learning."

FAU medical residents also spend a one-month clinical rotation in medical physics/dosimetry at GenesisCare in Boca Raton to gain hands-on experience with the practical aspects of treatment planning, computerized dosimetry, and machine calibration and operation. During the course of the training program, FAU medical residents also are encouraged and given opportunities to participate in basic laboratory or clinical physics research.

While an interest in physics and radiobiology is helpful, it is not mandatory as most medical students have limited experience in these sub-specialized fields, so the rotation is designed to meet each student's need based on where they are in their studies.

“This new relationship between FAU's Schmidt College of Medicine, the Research Park at Florida Atlantic University® and GenesisCare will be synergistic in its ability to combine cutting-edge academic research at the university with a community based oncology practice,” said [Anurag Agarwal](#), M.D., GenesisCare in Boca Raton. “Not many communities have the ability to develop this type of relationship, which benefits oncology patients, research faculty, and students in an integrated fashion.”

Fourth-year medical students in FAU's Schmidt College of Medicine will be able to rotate in two-week or four-week rotations one-on-one with a board-certified radiation oncologist at GenesisCare in Boca Raton so that they can learn first-hand about clinical oncology assessment and treatment.

“We also expect that the advanced research that is taking place at FAU, specifically in the medical school's Department of Biomedical Science and the Charles E. Schmidt College of Science to have a translational impact, which will eventually help patients to get better care by utilization of newer therapeutics and diagnostics,” said Agarwal.

FAU's Schmidt College of Medicine is a community-based medical school that greatly values all of its clinical partners and the varied and diverse clinical experiences they provide throughout the region for medical students and trainees.

***About the Research Park at Florida Atlantic University®***

*The Research Park at Florida Atlantic University® is home to technology companies and research-based organizations working to support the research and development activities of Florida Atlantic University and to foster economic development and broaden the economic base of Broward and Palm Beach counties. The Research Park at FAU hosts Global Ventures, an international soft landing center for second-stage technology companies and FAU Tech Runway, a South Florida public-private partnership that serves as a hub to accelerate technology development and incubate startup companies. The Research Park at FAU is a 70-acre destination for R&D companies to thrive, established in 1985, it is widely regarded as South Florida's laboratory for new entrepreneurial ideas and technologies. The Research Park at FAU is governed by the Florida Atlantic Research and Development Authority, an independent special district created by Palm Beach and Broward counties in partnership with Florida Atlantic University, organized under Chapter 159, Part V, Florida statutes. ([www.research-park.org](http://www.research-park.org))*