Dear Deans, Professors, Pre-med Advisors, Researchers and Students;

NYU Winthrop Hospital’s Radiation Oncology Department is offering an exciting opportunity to students who are interested in gaining research experience in the medical field. Over the years our department has provided excellent care to a vast amount of patients enabling us to contribute to research and publish in multiple impactful journals. Currently, our department is looking to expand on one of our existing databases, with a primary focus on prostate cancer.

Our research team is looking to onboard a group of students, whose research experience levels vary from beginner to advanced. Students will have the opportunity to observe how data is collected through patient charts (paper and electronic records) and transferred into our databases. With the instruction from the Research Coordinator and the Database Manager, students will learn to perform data collection and data management independently. Depending on the student’s experience level and motivation, they will be also able to partake in data analysis and abstract writing portions of existing and new research projects. Ideal students will bring with them some research experience (lab work, course work, previous internships), however this is not a requirement. We are happy to consider students who are ready to tackle our data using SPSS/R/Python as much as students who will be assisting us with data entry. While we believe that students who are in a Pre-Med track would benefit most from this opportunity, we will accept students from all science backgrounds. In addition to being an innovative field that employs cutting-edge medical technology to treatments, Radiation Oncology also has a major physics component (dosimetry). Hence, students concentrating on math/statistics, social science (with research emphasis), computer science, biology/chemistry/physics would benefit immensely from this experience.

Students interested in this exciting opportunity should submit a resume and a letter of interest stating why they would be a good candidate for this opportunity. Students will report directly to Gizem Demircioğlu, the Research Coordinator overseeing the projects and will have the option to work from 2 sites: Mineola, Long Island and Upper West Side, New York City. Students will have the unique opportunity of observing a busy radiation oncology clinic, and shadowing physicians, radiation therapists, nurses, physicists and other staff, as the team’s schedule allows. A letter of recommendation will be provided to students, who successfully complete the internship.

Requirements:
- Rising Junior or Senior college student, med student or graduate student
- Has GPA > 3.0
- Has a flexible schedule, and is responsible and punctual
- Can work in a team, as well as independently
- Motivated, and passionate about research and/or medicine
- Successfully interviews with key members of our staff for the position
- Devotes **4-5 hours/day, 2-3 days/week**, for 8-weeks, over the course of summer 2019 (mid June – mid August)
  - Students who start out as **summer interns** and may move on to volunteering **part-time** in fall/winter, in combination with their school work, and extend work on their summer research projects

**Responsibilities** (depending on the experience level):

- **Data entry** and **data management** (Excel, Access, SQL)
- **Data analysis** (Excel, SPSS/R/Python/Matlab)
- **Scientific writing** (Abstract & Manuscript writing)
- **Active participation** in Journal Club (reading, discussing and critiquing journal articles)
- Observing and assisting with **Research Protocol preparation** and submission
- Work closely with the Research Coordinator and the Data Manager on site

Please feel free to contact Gizem Demircioglu directly via phone or email.

**Seth Blacksburg, M.D., MBA**  
Medical Director, NYCyberknife  
Department of Radiation Oncology  
NYU Winthrop Hospital

**Gizem Demircioglu, M.A.**  
Research Coordinator, NYCyberknife  
Department of Radiation Oncology  
NYU Winthrop Hospital  
gizem.demircioglu@nyulangone.org | 212-496-5845

**Christopher Mendez, B.A.**  
Data Manager  
Department of Radiation Oncology  
NYU Winthrop Hospital  
christopher.mendez@nyulangone.org | 516-663-2501