

**Alec Harris**



**Email:** aharris113@gmail.com

**Home School:** Fraser High School, 2006

**Secondary Education:**

- 1) University of Michigan - B.S.E. Chemical Engineering - 2010
- 2) Oakland University William Beaumont School of Medicine- M.D. - 2016

**Current Work:** Loyola University Medical Center, Department of Radiation Oncology- Resident Physician

**Previous Experience:**

- Engineering Research and Development Intern: P&G Chemicals, Proctor and Gamble, Cincinnati, OH
- Fermentation Operations Engineer Intern: Global Pharmaceutical Operations, Abbott Laboratories, North Chicago, IL
- Control System Engineer and Project Manager: Global Systems Innovations and Equipment Core, Abbott Nutrition, Abbott Laboratories Professional Development Program, Casa Grande, AZ
- Quality Engineer: On Market Meter Investigations Group, Abbott Diabetes Care, Abbott Laboratories Professional Development Program, Alameda, CA
- FDA Regulatory Affairs Associate: Strategic Regulatory Affairs, Global Pharmaceutical Operations, Abbott Laboratories Professional Development Program, Abbott Park, IL
- Guidewire Manufacturing Production Scheduler: Vascular Supply Chain, Abbott Vascular, Abbott Laboratories Professional Development Program, Murrieta, CA
- Transition Year Medical and Surgical Intern, Grand Rapids Medical Education Partnership, Grand Rapids, MI

**A bit about me:**

I entered college debating between life as an engineer or life as a physician. I choose chemical engineering because it gave me exposure to both and opened a number of doors that allowed me to explore dozens of potential other career paths. As I moved through my undergraduate education, I spent significant time both working as an engineer via internships, and understanding life as a physician through volunteering in local hospitals. My goal was to best understand what path would work best

for me and my future goals. After graduating, I decided to start working full time as an engineer, and got a job at a pharmaceutical and medical device company. My hope was that this role would marry my two interests of engineering and medicine. I was fortunate to start work within a professional development program that allowed me to work in different engineering roles , in different divisions, and in different states, to best understand where I should lay down my roots and pursue a final career path. However, I found that over that short time working as an engineer, I did not feel completely fulfilled in my career, so I decided to leave industry and pursue a career in medicine. I attended medical school and explored various specialties to decide what medical path to pursue. Late in my medical school education, I came upon the specialty of Radiation Oncology. This is a small specialty in medicine that utilized high energy radiation to help cure patients of their cancer, or help them live a more full life with cancer. It is a specialty that allows me to utilize my knowledge in physics, chemistry ,and biology to help cure cancer in new people I meet everyday. I am currently a resident physician and will finish my 5 year residency soon. At that time, I will work as an attending physician, teaming up with medical oncologists and surgeons to help cure patients from their cancer. It is a very difficult job but is tremendously rewarding one.

**I'd be a great contact for you if you are interested/have questions in...**

- Chemical Engineering
- Engineering School
- Working in the pharmaceutical and medical device industry
- Medical School
- Medicine as a career
- Performing biomedical research
- University of Michigan
  - Life as an engineer
  - Campus life / extracurricular
- Oakland University William Beaumont School of Medicine
  - Life as a medical student
  - Extracurricular
- Life as a resident
- Life as a doctor