AED/AMSA Meeting 10/19/2010

* Introduction
* Guest Speaker

Dr. Molenat and Dr. Geller

Dr. Molenat, Family Medicine Resident at Camp Lejeune, wants to be doctor on a ship in Japan

Dr. Molenat had not much contact with physicians until 3rd year in medical school

People here: from Freshman to Senior

Freshmen take General Chemistry and Biology, English, Calculus, Sophomore or Junior Year=Organic Chemistry and Physics

First two years: keep GPA as high as possible

Reason to be science major and pushing harder prepares you well for medical school

Dr. Molenat wanted to be a Marine Biologist, but switched, wanted to become a doctor

We don't get good experience with what medical field is like until we begin to enter it in medical school

Family Medicine is one of shortest residencies (3 years)

CNA, EMS=Member of Health Care Team, easier to be involved in medical system

Path is about slugging it out for many years

UNCW has a Pre-Health Advisor

Most of medical schools look for requirements (just short of Biology degree)

Progression: General Chemistry, Biology, and English in first year, second year: Organic, Physics, Calculus, take MCAT summer after, then apply that year

Start volunteer work after hurdles of Organic Chemistry and Physics, Dr. Geller had it between 2nd and 3rd year, they will find a way to use you

After second year (most of science classes), try to get volunteer experience (looks better than research experience)

Medical Schools are looking for people who will spend time helping the community

Research experience is great to train your mind

First year: take basic requirements and get exposed to field

Volunteering and shadowing should be balanced, shadowing is more important (gives someone grasp on doctor's life)

Take prep course to start with for MCAT

30 and above=competitive

Good time to study: study ahead of time, long version of Princeton courses is good

Study a little every day, cramming the night before is useless, there is too much material to cram for

All of MCAT needs long-term memory

Most MCAT Practice Tests are much harder than the normal MCAT

There are many great pre-health careers out there

CRNA is very similar to Anesthesiologist

Neonatal Nurse Practitioner is similar to Neonatologist

Study at least 6 hours a day if you are only working/volunteering over summer

MCAT Scores and GPA can never be too high for medical schools

Non-traditional students are able to get in to medical schools as well

Dentistry is a great career for other pre-health people

Most medical schools don't know the difference between algebra-based physics and calculus-based physics

Most medical schools (except for regional ones) don't know about undergraduate courses

Pathologist=medical doctor

GPA later in curriculum (last two years before application to medical school) are weighed more heavily than first two years

There are many paths to get where you want to go

Allopathic: pretty competitive=30 on MCAT, 3.6 GPA

D.O. school: 24-30, 3.5, same for Dental School

Most D.O. schools=geographically limited area (Ohio, Texas, Oklahoma), M.D.=anywhere, D.O. are more for primary care and rural areas, M.D. is more for specialties

Allopathic is better for Neurosurgery, Urology, Plastic Surgery

Best way to get into residency=attend that medical school, best way to get into medical school=attend that undergraduate school

Research=allopathic, major research school

There are scholarships for everything

Dr. Molenat is working with military

Navy scholarship: pretty good deal

Residency starts around $42,000-$46,000, have to pay back student loans

Military scholarship contract: needs of service first

* Everything is posted on the website
* MED Program

For underprivileged students, at UNC, Medical and Dental Program, good for Freshmen and Sophomore