



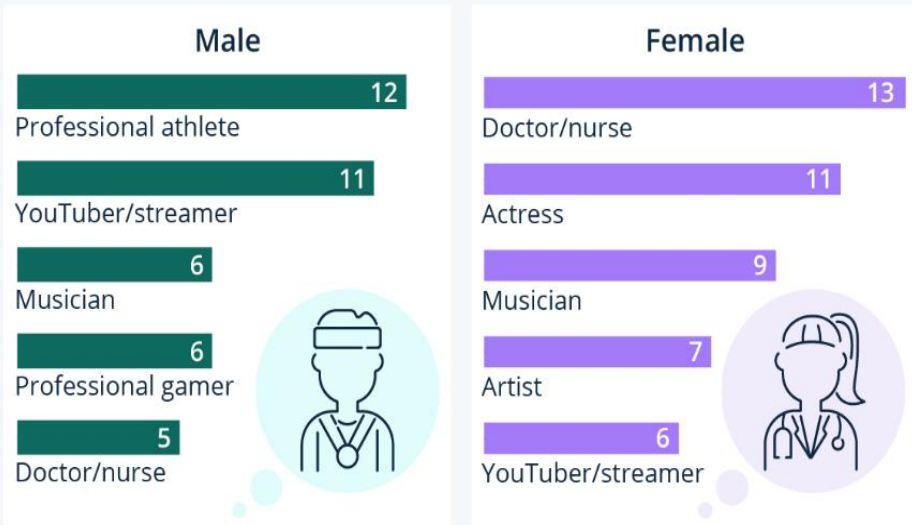
Mentorship in Healthcare: How Teen Exposure to Radiology Could Change the Future of the Industry

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What Do U.S. Teens Want To Be When They Grow Up?

Share of U.S. teenagers who see the following as their dream job (in percent)



3,670 U.S. teens (13-17 y/o) surveyed Jun.-Nov. 2021

Source: YouGov



- Professions highlighted in the survey, such as sports and streamers, are exposed to **teens** via **social media, television, relatives, everyday living, reading** and even **home photos**.

- **13% of female and 5% of male students** have an interest in becoming a Doctor or Nurse.

- Among 20 industries in the healthcare profession **doctors and nurses** are highly recognizable by **teens** due to their engagement throughout early stages of life.

- An ARRT STUDY SHOWS: Radiologic Technologists make up the third-largest group of health care professionals



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TONE Setting in a Physicians Office:

Trust, Support, People-Centered, Integrated, Teachability, Care, Independence

These are communicative actions **children normally encounter** associated with healthcare professionals such as doctors and nurses at the time of newborn to 18 years of age



Tone Setting as it relates to Radiology :

Cancer, Hurt, Pain, Machines, Film of an unborn baby, Crutches, Hospital Stay

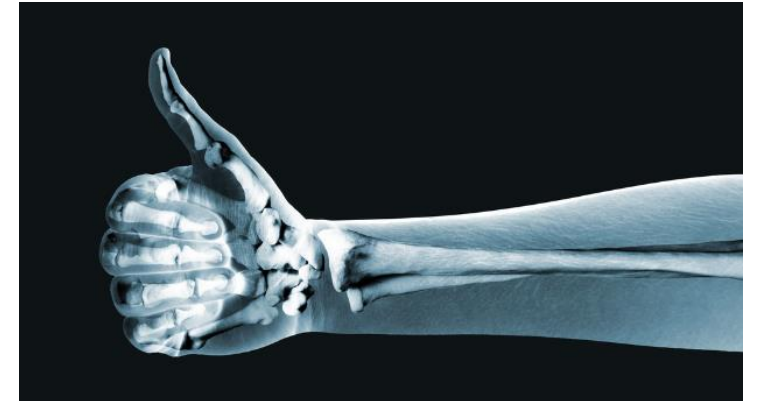
These are words and thoughts associated with Radiology indicated by high school sophomore and junior mentees

In order to peak students' interest in Radiology, they need to:

- Evaluate career options in Radiology
- Communicate with employees and leaders in respective modalities and roles at an early age.
- Be uncovered to benefits Radiology will offer financially in regard to education
- Discover cool and exciting equipment, industry innovation and positive notions that relate to the industry.



- Assist
- Assess
- Provide
- Perform
- Prepare
- Maintain
- Organize
- Observe
- Report
- Advise



These are words that **should** be associated with radiology!

Mentoring will assist in providing a different perspective of what radiology is all about to youth!



Round table discussion among 9 STEM Students about their knowledge of Radiology:

STATS:

- ❑ 2 out of 9 associated Radiology with an X-ray performed on a broken arm, the other a broken leg.
- ❑ 1 out of 9 stated “my mother receives 2 mammograms to detect breast cancer. She was nervous initially but after receiving her second appointment, another scan, she explained to me and my siblings, the 3D scan didn’t find anything.”
- ❑ 1 out of 9 associated radiology with a CT scan indicating, her grandfather had a fall and she remembered riding with her dad to a hospital and waiting in a Radiology area where the scan was perform.

The students were unaware of **Ultrasound, MRI and Nuclear Scans.**



Radiology & Youth Engagement Experience

Students were provided with a specialty in radiology and present to a panel of prominent community leaders professionally dressed, ready and excited to divulge all the information retained!

Management and Research of specialty in Radiology included: Sonography, Software Systems, Digital Marketing, Talent Acquisition and more;

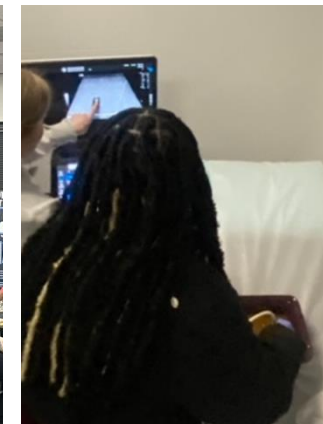
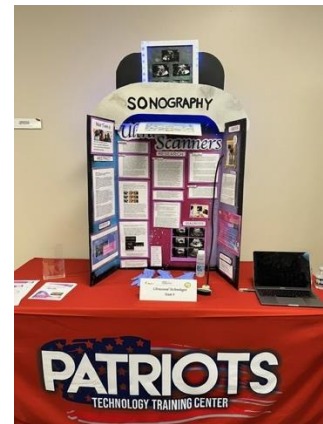
Research Plan -Examined the history and use of the radiology careers.

Students Performed:

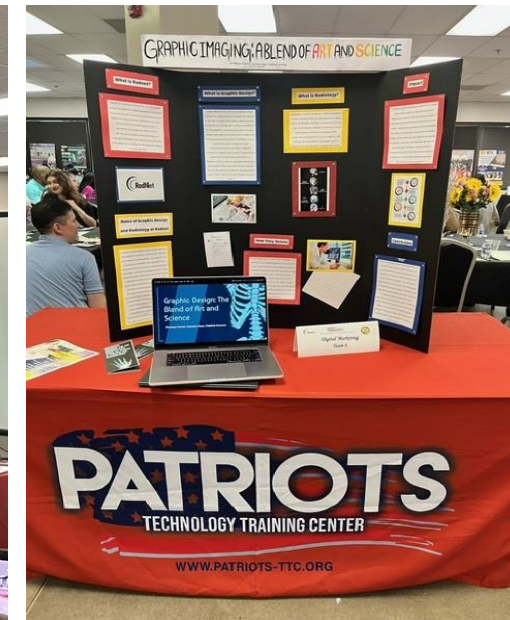
- Mock scans as patients and techs at a site
- Developed a research paper based on findings
- Created a Radiology Fair project display board as part of the competition.

No matter the specialty selected by the students, their research started with learning all imaging modalities, which allowed them to explore how the specialty and modality aligned

Short Story: Students: Sophia and Charlene



Patriot Technology Training Center,
Bio Medical Stem Competition 2024



Project-Based Learning & Youth Engagement

Radiology Mock Interviews

According to the NY Post:

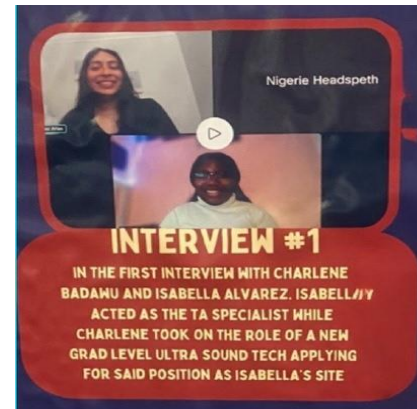
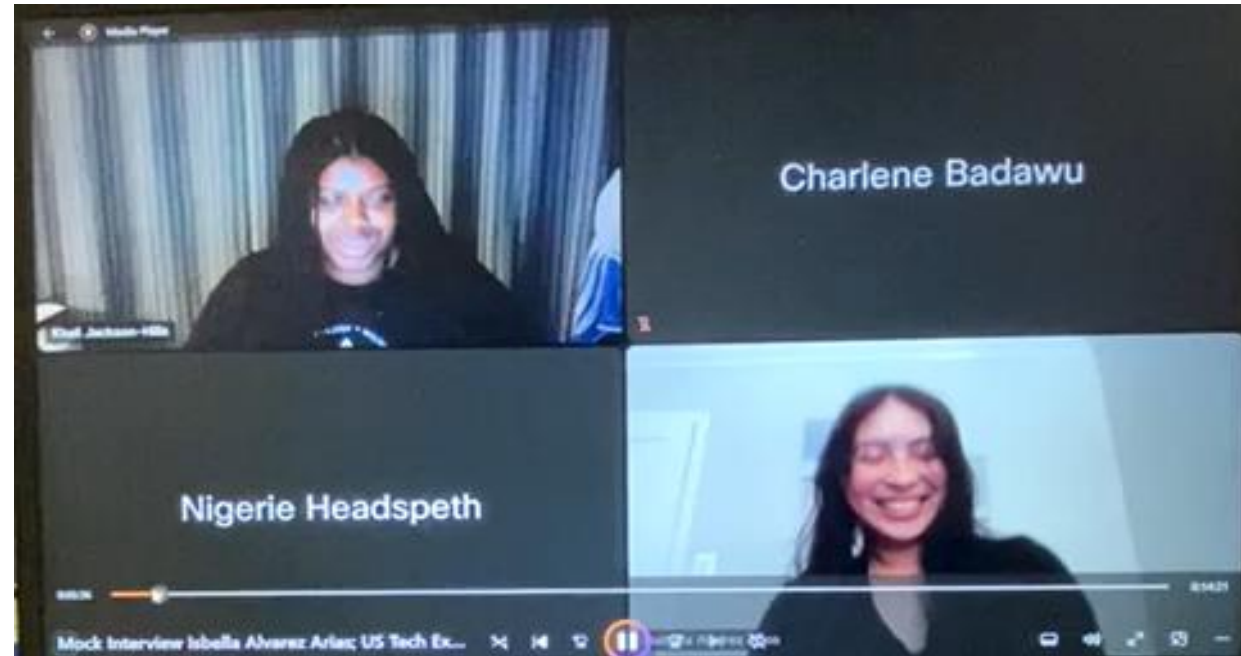
- 53% of employers surveyed said that recent college graduates struggle with eye contact
- 47% said they don't dress appropriately for interviews
- 21% said they refuse to turn their cameras on for virtual interviews.

PREPARATION & PRACTICE

In addition to creating industry pathways we can also take an opportunity to teach interview skills and appropriateness.



“Student learning should *influence* active: listening, focus, thinking on their feet, and reacting appropriately to what the other person says.”



REMINDER...Today's Rad Summit's Ultimate GOAL:

To create strategies to address the urgent need for qualified radiologic technologists across the state state of Maryland.

FACTS:

- ✓ There are well over 1400 middle and high schools in the state of Maryland
- ✓ Radiologic technologists make up the third-largest group of health care professionals
- ✓ In a short study of 9 students, 4 of 9 was able to provide some knowledge of Radiology.



Hypothetical Promising Results: Let's think about this...

If **9 high school STUDENTS** were mentored by **5 radiology facilities** and **4 of the 9 STUDENTS** grasped the knowledge and expressed genuine interest in continuing a Radiology Careers Pathway, the ROI would be **20 STUDENTS**.

THAT'S HOW WE GROW!!



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As an industry, we can create pathways for students to be exposed to what my mentees now state as **“A COOL JOB”** they knew nothing about (their words).

Investing organizational **Time and Talent to gain TRUE ROI** will shape the minds of today’s youth for a brighter future in Radiology tomorrow!

Let’s look forward to integrating this strategy and being added to the stats so we can hear students say:

When I grow up I want to be.....



A part of a Radiology Team!





Thank You!

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