

The [Science Matters' Hot Shots & Hot Jobs Project](#): Presently contains a Library of 15 + videos and articles

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[Science Matters](#) is an educational program of the Community Idea Stations, Central Virginia's PBS & NPR stations. The mission of Science Matters is to use the power of our media company to inspire our community to value science and understand its importance to our future.

The goal of the [Hot Shots & Hot Jobs project](#) is to use young professionals in Hot STEM Careers- growth industries in Virginia – as role models to encourage middle and high school students to consider/pursue STEM careers. We make these available to parents, teachers and students. The project includes videos for web and social media and TV, a radio spot and an article with more information and links to resources.

Links to all of the career videos and articles are below:

Advanced Manufacturing:

[Advanced Manufacturing's High-Tech Career Paths](#)

Aviation, Drones and Technology:

[Unmanned Aerial Vehicles Go Soaring for a Bird's Eye View;](#)

[Pilots Enjoy Breathtaking Views and Plentiful Job Options](#)

Computers and Technology:

[Software Engineers Create Solutions Through Code](#)

[Cyber Security Analysts Fight Crime;](#)

[Techsters: Girls Learn to Code;](#)

[All Girls Robotics Team Builds Robot to Travel the World](#)

Energy:

[Powering Up with Renewable Energy](#)

[Green Jobs and Solar Cars](#)

Engineering:

[VCU Senior Design Expo;](#)

[Biomechanical Engineering a Nano-tattoo](#)

Finance and Monetary Authorities:

[Software Engineers Create Solutions Through Code](#)

Health Care and BioScience:

[Bioscience and Drug Discovery with "Organs on a Bench";](#)

[Investigate Illness as a Clinical Laboratory Scientist](#)

Health Research & Development/Consumer Products:

[Making Our Daily Vitamins Effective and Tasty!](#)

Nanotechnology:

[Hot Jobs in Nanotechnology](#)

Presently being disseminated through these vehicles:

- Science Matters and WCVE website.
- WCVE, WHTJ, WCVW TV stations
- WCVE 88.9 radio
- Science Matters and WCVE FB pages
- Partner organizations and individual FB pages
- PBS Learning Media
- VDOE Newsletters
- Conferences

We also have animated videos on Nano-technology

Nanotechnology: 1) [What Can Nanotechnology Do for You?](#), 2) [How Will Nanotechnology Improve Your Health?](#), 3) [How Can Nanotechnology Save Energy?](#). (4) [How Do You See on the Nanoscale?](#), (5) [How Do Doctors Target Diseased cells?](#) , (6) [What's a Quantum Dot?](#)

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