

# SCIENCE MATTERS

OCTOBER 2017

[www.ideastations.org/ScienceMatters](http://www.ideastations.org/ScienceMatters)

 Science Matters VA

## SCIENCE PROGRAM HIGHLIGHTS



WEDNESDAY  
EVENINGS  
AT 8:00 PM

### NATURE

Consistently stunning documentaries with a primary focus on animals and ecosystems around the world.

**October 4 – Naledi: One Little Elephant** Meet Naledi, a baby elephant orphan who finds her place in the herd with the help of her caretakers.

**October 11 – Fox Tales** Discover the secret life of red foxes who can make a home anywhere from cities to the Arctic tundra.

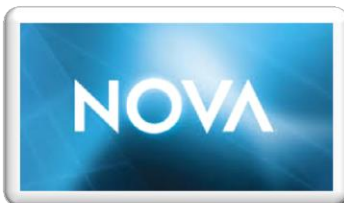
**October 18 – Animal Reunions** Get caught up in the emotion as keepers and caretakers reunite with the wild animals they raised.

**October 25 – Charlie and the Curious Otters** Join filmmaker Charlie Hamilton James as he visits otters around the world to uncover their secrets.



### INSIDE NATURE **PODCAST** [ideastations.org/sciencematters](http://ideastations.org/sciencematters)

The InsideNATURE podcast picks up where the NATURE program leaves off. We speak to filmmakers behind some of NATURE's greatest films, track down updates on animal characters from past episodes, and go beyond the headlines to talk with experts on the frontline of wildlife research and conservation.



WEDNESDAY  
EVENINGS  
AT 9:00 PM

### NOVA

This long-running, award-winning documentary series focuses on science, its many applications, speculation, history and researchers.

**October 4 – Secrets of Shining Knights** Discover the world of medieval knights and the metalworking secrets of their shining armor.

**October 11 – Ghosts of Stonehenge** See how archaeological digs have uncovered new clues about Stonehenge and its builders.

**October 18 – Secrets of the Forbidden City** Explore how China's magnificent Forbidden City has withstood centuries of earthquakes.

**October 25 – Killer Volcanoes** Join the hunt for a volcanic mega-eruption that plunged the medieval earth into a deep freeze.



### NOVA scienceNOW **PODCAST** [ideastations.org/sciencematters](http://ideastations.org/sciencematters)

The companion podcast to the NOVA news-magazine series that offers brief, often irreverent, conversations with scientists and science journalists.

# SCIENCE HAPPENINGS

Learn more at [ideastations.org/sciencematters](http://ideastations.org/sciencematters)



A program of SCIENCE MATTERS and the Community Idea Stations®

**Tuesday, October 24, 2017**

## *Why to Love Doubt and Uncertainty*

Stuart Firestein, PhD and chair of the Department of Biological Sciences at Columbia University, discusses why doubt and uncertainty are necessary in the pursuit of Science.

Find details at [ideastations.org/sciencematters](http://ideastations.org/sciencematters)

## *RVA MakerFest*

**Saturday, October 7, 2017**

**10 am – 5 pm**

**Science Museum of Virginia**

[sciencecalendar.ideastations.org](http://sciencecalendar.ideastations.org)



## *Dissecting Science: Getting to Mars*

**Tuesday, November 14, 2017**

**6 pm – 9 pm**

*Save the date – details coming soon...*

## ARE YOU USING IT YET?



**Click. Search. Post.**

[sciencecalendar.ideastations.org](http://sciencecalendar.ideastations.org)

- ✓ **CLICK** on the **Science Matters Community Calendar**, found on the Science Matters website.
- ✓ **SEARCH** the latest **STEM events in your community**.
- ✓ **POST** your **STEM organization's events**. By listing your event, you may have the opportunity to be chosen as the **Science Matters Pick of the Week** which highlights your event on **88.9 WCVF FM Radio** and on our Science Matters website and Facebook page!

**Hot Shots  
Hot Jobs**

## [HOT JOB! – New video on ideastations.org/sciencematters](http://ideastations.org/sciencematters)

### **Bioscience and Drug Discovery with “Organs on a Bench”**

The medications we use today, to treat everything from coughs to cancer, were developed through a series of steps to figure out how safe and effective they are. It's a long and expensive process, from lab tests to human subjects, before the drug can be made widely available. Meet the scientists doing this important work.

## WANT TO LEARN MORE?

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**Science Matters** is a multi-media educational initiative of the Community Idea Stations, Central Virginia's PBS & NPR stations. Through our “big loud voice” of Radio, Television and the Web, we strive to inspire our community to value science and to understand its importance to our future. We couple excellent national PBS and NPR content with compelling locally produced segments which feature community partners involved in exciting Science, Technology, Engineering and Math (STEM) activities in Virginia. Our community outreach events and our new **Science Matters Community Events Calendar** are additional vehicles for engaging audiences of all ages in ongoing discovery and exploration of all things science.

