

Smithsonian Science Now

Reaching Youth through Interactive Webcasts



Colleen Marzec
&
Maggy Benson
June 12, 2013



Smithsonian
National Museum of Natural History

Smithsonian Science Now

- Series of 14 webcasts launching in late October 2013
- Fast-paced, high-quality productions
- Audience engages through interactive digital tools
- Scientist interviews, demonstrations, and videos
- Related content and activities available online
- Each program is broadcasted 2x/day and archived



Content

- Aligned with middle-school science standards
- Integrates science concepts with practice by featuring scientists and their research
- Examples might include:
 - Fine Dining in the Caves: Early Human Diet
 - How You Benefit from Bird Strike DNA Analysis
 - Environmental Change
 - Career Spotlight: Life as a Volcanologist



Top-Level Themes

- Human Evolution
- Genetics & Genomics
- Coral Reef Ecosystems
- The Arctic Landscape & People
- Science Imaging
- Mummies & Forensics
- Volcanoes
- Environmental Change
- Plant & Animal Adaptations
- Meteorites & the Universe
- Geology
- Earthquakes & Tsunamis
- Natural Hazards



Webcast Technology

A webcast is a media presentation broadcasted online from a single content source to many simultaneous listeners/viewers.

Requirements for End-Users:

- Viewing screen
- Audio
- Internet Connection





I'm a Q?RIUS...



CREATE
your own fieldbook

DO
an activity

JUMP
into science stories

WATCH
science unfold

VISIT
Q?RIUS

ARE VOLCANOES ERUPTING MORE OFTEN?



○○○○●
more stories





CREATE
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into science stories

WATCH
science unfold

VISIT
Q?RIUS

[watch science unfold](#) > [video library](#) > [life among volcanoes](#)

Life Among Volcanoes



Dr. Liz Cottrell
Volcanologist



The volcano anthrome represents the most extreme environments on our planet uctor fringilla. Donec sed odio dui. Aenean eu leo quam.

[BONE](#) · [CURSUS](#) · [SITES](#)

Comments



Jane Doesky, 2012.10.02 - 5.23pm
Vivamus sagittis lacus vel augue laoreet rutrum faucibus. Vestibulum id ligula porta felis semper. [Reply](#)



Simeon Blunofsky, 2012.9.30 - 8.30am
Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Cras justo odio, egestas eget quam. Cras mattis consectetur purus sit amet fermentum. [Reply](#)



Jane Doesky, 2012.9.27 - 6.40pm
Vivamus sagittis lacus faucibus dolor auctor. Vestibulum id ligula porta felis euismod semper. [Reply](#)



Simeon Blunofsky, 2012.9.30 - 8.30am
Praesent commodo cursus magna, vel scelerisque nisl consectetur et. Cras justo odio, egestas eget quam. Cras mattis consectetur purus sit amet fermentum. [Reply](#)



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RELATED COLLECTION OBJECTS



Turquoise Stone
Eriacheir sinensis



Sand Star
Silicon dioxide

RELATED MEDIA



Survival at Bottom of the Sea

RELATED ACTIVITIES



Early Human Diet Activity Name

RELATED RESOURCES

Asteroidia: Fusce vel urna vitae nisl pulvinar lacinia. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla cursus, nulla ac accumsan blandit, metus nibh sodales augue.



SHARE



ADD TO FIELD BOOK



ADD COMMENTS



ACCESS
your own fieldbook

DO
an activity

JUMP
into science stories

WATCH
science unfold

VISIT
Q?RIUS

my Q?RIUS > mary jane doesky's fieldbook

new project **Recent Additions** **Butterflies** **Bugs** **Unfiled** **Done at the Museum** ← more projects →

new note | edit project | delete project | share project

SORT PROJECT BY **date** type

Butterflies

Added 1/26/2012

Ochre Wing Butterfly *Anthene seltuttus*



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Magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper adipiscing elit, sed diam nonumm adipiscing elit, sed diam nonumm suscipit lobortis nisl ut exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo tincidunt consequat. Sed diam nonummy ...

Added 12/26/2012



South Pacific Hairy Yellow Sand Star
Austraes Aquaduparious

Added 8/14/2012



The Tallest Mountains of the World with Dr. Albert Hernandez Australia

Added 11/14/2012



North American Algonquin Turquoise Stone
Eriocheir sinensis

Added 8/14/2012



Plants, Reptiles and Amphibeans of the Amazon

Added 10/20/2012



Dr. Albert Hernandez Tours the Great Barrier Reef of Australia

Added 9/26/2012



Northeastern Hairy Basket Star
Austraes Aquaduparious

see more
of your
stuff below
↓

Partners

- NMNH
- Smithsonian Affiliations
- Smithsonian Science Education Center
- Carolina Biological



Partnership Opportunities with Smithsonian Affiliations

Leverage *Smithsonian Science Now* webcasts to:

- Complement onsite programs
- Explore STEAM connections
- Leverage existing exhibitions, experts, and collections
- Supplement regular museum visits



Benefits of Collaboration

- Strengthen STEAM connections
- Provide your community with new and diverse Smithsonian resources, science, and collections
- Enrich educational resources for your community
- Offer your audiences unique content
- Supplement existing programs
- Build partnerships with other organizations in your community



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