

VIRGINIA TECH



SCIENCE FESTIVAL

October 8, 2016

10:00 a.m. – 3:00 p.m.

Moss Arts Center • Alumni Mall • Henderson Lawn
College Avenue • Newman Library

Moss Arts Center

ICAT Learning Studio (F1 on map)

First Appalachian Robotics

Build and Program Lego Robots with the Tuxedo Pandas

New River Robotics Association / Tuxedo Pandas
FTC Team 4924

Robotics with Virginia Tech Integrative STEM Education

Virginia Tech Integrative STEM Education

Steam-powered Production of Olive Oil using Digital Games and Virtual Environments

Center for Human-Computer Interaction

Integrated Computational Thinking and Chemistry Learning

Center for Human-Computer Interaction
CHEM+C Project

ICAT Observation Studio (F2 on map)

Mirror Worlds

Institute for Creativity, Arts, and Technology

Cube (H on map)

Visualizing Subatomic Physics in the Belle II Detector

Institute for Creativity, Arts, and Technology

ICAT Experience Studio (N on map)

Plasma - Hand Tracking, Particle Physics, & Projection Mapping

Institute for Creativity, Arts and Technology

ICAT Perform Studio (M on map)

Krinkle Cube

Center for Human-Computer Interaction 3DI group

Moss Arts Center Grand Lobby (G on map)

501st Legion's Garrison Tyranus Star Wars costuming organization

Garrison Tyranus
501st Legion

Science is Bigger Than You Think

Science Museum of Western Virginia

Science Festival Photobooth

Virginia 4-H

Classic Tech Toys

Craig County 4-H
Giles County 4-H

Drone Discovery: 4-H National Youth Science Day

Virginia 4-H

Virus Tracker

Biocomplexity Institute of Virginia Tech

3D Printing with the Virginia Tech DREAMS Lab

DREAMS Lab

Blue Ridge Chapter American Meteorology Society/National Weather Association

WDBJ7 Meteorologists teach the Science Behind Weather

Build Unusual Structures using Uncommon Structural Elements

Dan Warren Woodworking

Kids get to program robots that scurry around the floor and shoot alien ships with real lasers!

Rackspace

New River Valley Rocketry

High Power Rocketry at Virginia Tech

Rocketry@VT

The Secret Lives and Many Talents of Good Bacteria

Novozymes Biologicals Inc.

Moss Arts Center Orchestra Lobby (I on map)

Improving Ergonomics with 3D Printing

Formy

Musical Robots

Institute for Creativity, Arts, and Technology

Carilion Children's Teddy Bear Clinic

Carilion Clinic

Glo Germ: The Glo Germ "kit" shows kids where germs hide on their hands... even when they look clean.

Carilion Clinic

Sun Damage Viewer: DermaScan electronic ultraviolet light source for viewing damage to facial skin

Carilion Clinic

You are More than a Number on a Scale

Carilion Wellness

Carilion Home Health Care: Featuring Telehealth, Monitoring patient care at home through technology

Carilion Clinic Home Health Care
Carilion Clinic Hospice

Carilion Children's: Virus Tracker

Carilion Clinic

Moss Arts Center Mezzanine Lobby (J on map)

Bug Talk

VT Biological Sciences and Entomology Departments

NanoEarth Demonstrates Nanotechnology in the Environment

Discovering Senses with the Neuroscience Club

Neuroscience Club at Virginia Tech

Microbiology Club of Virginia Tech

Roachzilla!

Radford University Ecophysiology Lab

Smaller, Faster, Smarter!

Virginia Tech Biological Sciences

Regenerative Medicine Across All Species

Regenerative Medicine Interdisciplinary Graduate Education Program (RM-IGEP)

A Bird in the Hand: How & Why Scientists Study Wild Birds

Virginia Tech Department of Biological Sciences

Mill Mountain Zoo: Conservation Station-Species Survival Depends On You!

Genes in a Bottle

Fralin Life Science Institute

Moss Arts Center Balcony Lobby (K on map)

LEWAS Lab: Be a Watershed Detective!

Virginia Tech LEWAS Lab

The Invisible Stream: Stroubles Creek

Advanced Research Computing

What's in your water? Virginia's groundwater and private water supplies: wells and springs

Virginia Cooperative Extension
Virginia Tech Biological Systems Engineering

Looking Down is Looking Up: Why do we work with aerial photography?

Department of Geography, FREC, Virginia View
College of Natural Resources and Environment

Shape and Experience a Watershed from Mountains to the Ocean!

Virginia Department of Environmental Quality

Bringing Fossils 'Back to Life'

VT Paleobiology & Geobiology

Reducing Domestic Water Usage

American Water Resource Association at Virginia Tech

Discover the Geosciences!

The Geosciences Modeling & Educational Demonstrations Laboratory (MEDL)
Department of Geosciences, Virginia Tech

Moss Arts Center Portico

VT Physics Outreach

Virginia Tech Physics Department Outreach
Virginia Tech Physics Department
Rain location: Moss Arts Center Balcony Lobby

Squishy Circuits

Association for Women in Computing (AWC)
Rain location: Moss Arts Center Orchestra Lobby

Hyperloop at Virginia Tech

Rain location: Moss Arts Center Portico

Moss Arts Center Lawn

Microbial Ecology in a Bottle

The Strickland Lab at Virginia Tech
Rain location: Moss Arts Center Orchestra Lobby

Make a Wearable Greenhouse

NRV Macaroni Kid
Rain location: Moss Arts Center Orchestra Lobby

The Balance of Nature

Interfaces of Global Change
Rain location: Newman Library

Wave Flume

EWRI/COPRI Student Chapter at Virginia Tech
Rain location: Moss Arts Center Portico

Alumni Mall

Ground Transportation Ambulance

Carilion Clinic Patient Transport
Rain location: Alumni Mall

Exploration of Size, from Raindrops to Planets

Design for America at Virginia Tech
Rain location: Newman Library

Carilion Children's Ambulance

Carilion Clinic Patient Transport
Rain location: Alumni Mall

Henderson Lawn

Marshmallow Tower

Galipatia-Outreach
Rain location: Moss Arts Center

Gold Pennies and Film Canister Rockets

Alpha Chi Sigma Virginia Tech
Rain location: Newman Library

Exploring the Solar System

Roanoke Valley Astronomical Society
Rain location: Newman Library

The Amazing Grain: Thank you, agriculture

Agriculture Economics Club
Rain location: Newman Library

ScientificaLEE Amazing!

CurVinci Living Learning Community
Rain location: Newman Library

First Appalachian Robotics

High Altitude Balloon Launch at 11 AM

College Avenue / Plaza

The Hybrid Electric Vehicle Team of Virginia Tech

Rain location: Moss Arts Center Portico

The Human Powered Submarine Team

Rain location: Moss Arts Center Portico

Virginia Tech Formula SAE

Rain location: Moss Arts Center Portico

BOLT Electric Motorcycle

Rain location: Moss Arts Center Portico

Baja SAE at Virginia Tech

Rain location: Moss Arts Center Portico

Are You Gellin'?

Department of Chemistry
Robert B Moore Research Group
Rain location: Moss Arts Center Portico

Extracting Strawberry DNA

Biochemistry Club
Rain location: Moss Arts Center Orchestra Lobby

Newman Library

Newman Library Technology Showcase

University Libraries

T.E.K. Robotics

Makey Makeys and Conductive Play Dough

Roanoke County Public Library

Curious Physics Demonstrations for Fun

The Curiosity Shop

Chemical Illusions

Department of Chemistry

STEM Based Lego Models and Science Scenarios

Bricks 4 Kidz

Lego Drop

Galipatia Outreach Committee

Augmented Exercise through Virtual Reality Design

CritiSearch: Empowering users in performing online search through view customization of result set

Third Lab of Center for Human Computer Interaction at Virginia Tech

BioactiVT Pulse Oximeter

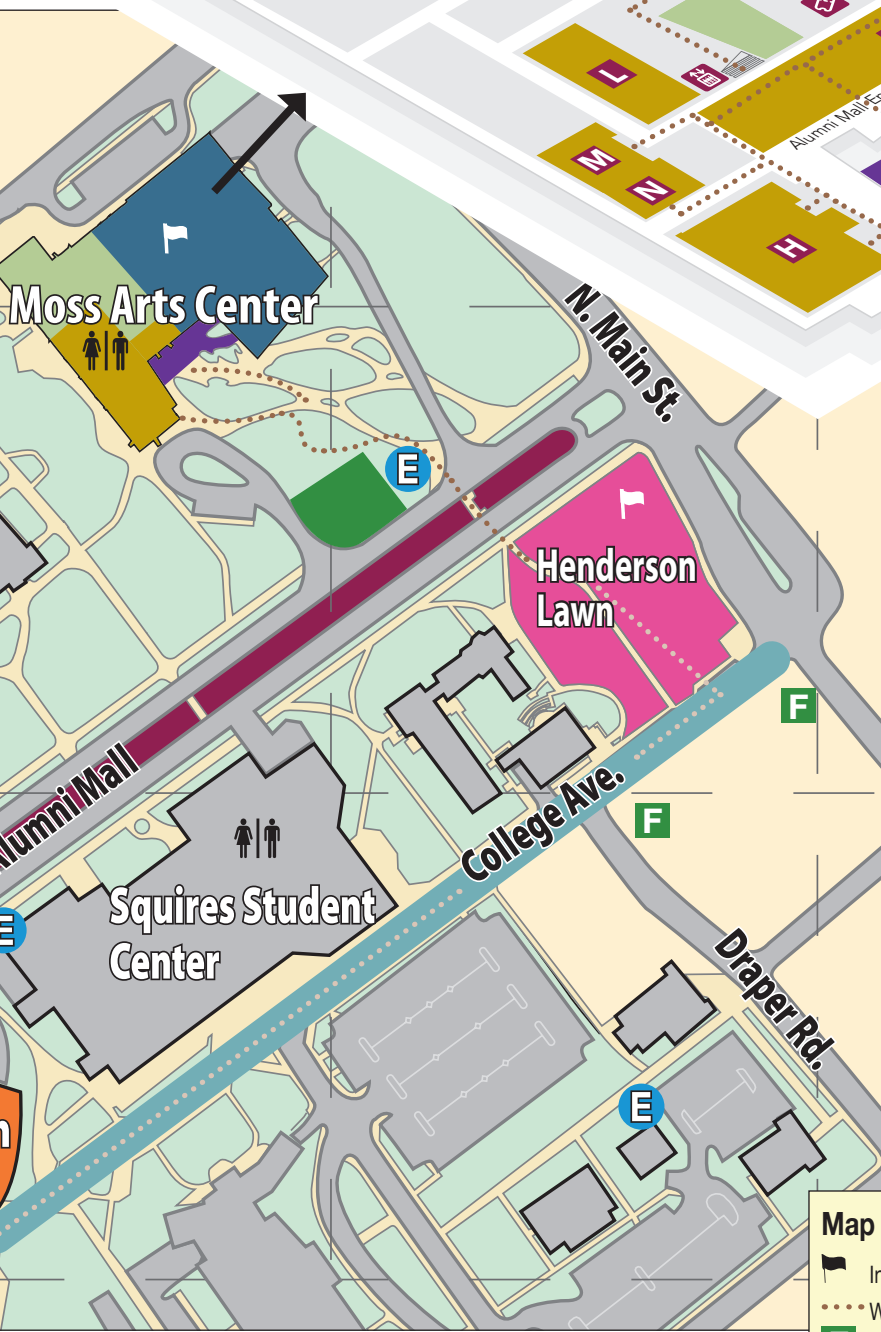
BioactiVT

Virginia Career VIEW Let's be Scientists!

All About Optics

OSA Student Chapter





VIRGINIA TECH



SCIENCE FESTIVAL

Map Key

Information Booth	Restrooms
Walking Path	Emergency Phones
Food	

Thank you to our sponsors!

PLATINUM



SILVER

College Access Collaborative

Virginia Tech College of Science

Virginia Tech Mechanical Engineering

BRONZE

Center for Research in SEAD Education

Virginia Tech College of Natural Resources

Novozymes

Rackspace

Town of Blacksburg