VIRTUAL REALITY

Comes to Colorado State University
“Virtual Reality is the first step in a grand adventure into the landscape of the imagination.”

-Frank Biocca
ON THE MARKET

VR One | Zeiss
Vive Pre | HTC
Google Cardboard
Oculus Rift | Facebook
HoloLens | Microsoft

VIRTUAL REALITY
Office of the Vice President for Research

Who We Are

To lead the 21st Century Land-Grant mission of CSU by fostering and supporting the research enterprise, promoting scholarship and artistry, instilling a culture of integrity, and capitalizing on opportunities to address global challenges.
DR. ALAN RUDOLPH
Vice President for Research

BigDog

Started at Defense Advanced Research Projects Agency
Bought by Google in

Walk Again Project

Man in exoskeleton suit kicked the first ball at the Brazil World Cup in 2014. Used Virtual Reality to train for movement.

Bomb-Sniffing Bees

DARPA Project - Bees’ acute sense of smell enables them to function as highly accurate vapor detectors for chemicals that are present in explosives, bombs, and landmines.
Why CSU?
Why Now?
FOR YOU!
Virtual application of interior design in homes
Interior Design Student

Training of new employees or a 360 view of a product
Business Student

Medic battlefield training
ROTC Cadet

Democratization of fine art and intangible spaces.
Art student

Free-roam tech for caged livestock
Ag Science Student

3D avatars (virtual humans) to help with clothes design
Apparel & Merchandising Student

A day in the life of a person with disability
Researcher focused on disability

Empathy-inducing news footage
Journalism Student

Virtual books--certain sections allow you to view the action and make decisions
Brilliant 12 year old

View microscopic molecular structures at different angles or for problem solving.
Chemist
VR Hackathon

• Teams of graduate & undergraduate students compete to create the best virtual/immersive experiences.
  - Overseen and guided by faculty.

• Hardware and prior software training provided before competition in 24/7 weekend event

• Focus on cross-disciplinary collaboration between CSU colleges

• Hackathon challenge categories will be built around the land-grant mission

VR Lab

• Mobile lab consisting of VR HMD devices

• Lab will be open to students and faculty

• Faculty will be incorporating VR curriculum into courses and classes will utilize the VR Lab

• Potential Immersive Lab launching in next couple years
JOIN US @ The VR Hackathon

Bring your ideas and enthusiasm!

Compete individually or gather a group from your college!

Sign up for more info today!
YOUR TURN!

vpr.colostate.edu