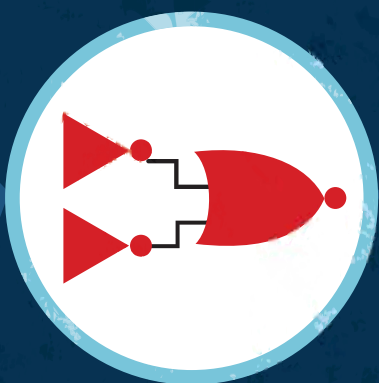
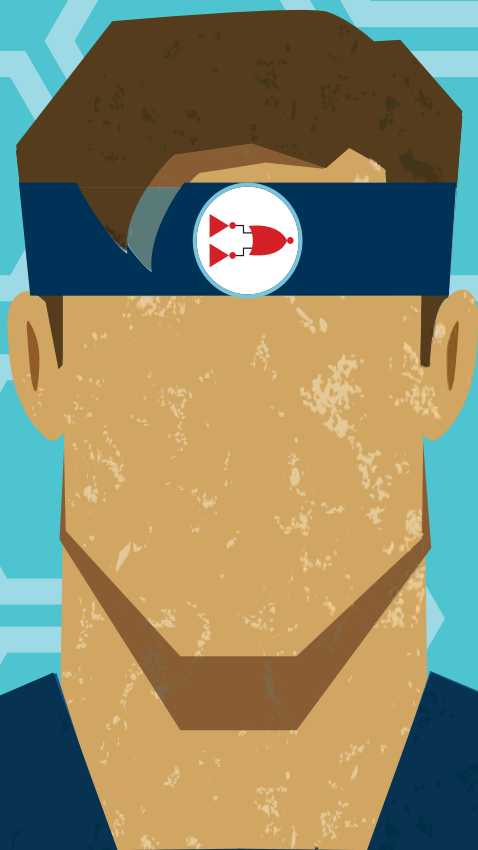


Introducing **PROFESSOR CHRIS VOIGT**

“Imagine being able to engineer a living cell that can navigate the human body, identify disease, and correct that disease”



NAME: Prof. Chris Voigt

FROM: MIT's Department of Biological Engineering

HIS INVENTION:

Prof. Voigt's lab has developed *Cello*, a computer language that allows researchers to program living cells. Scientists and engineers write the code for how they'd like the cells to behave

HIS MISSION @ MIT:

To engineer living cells to solve complex disease and improve human health

YOUR MISSION:

Prof. Chris Voigt gives you the "Medical Marvel" challenge: Invent a medical device or an assistive technology that makes life better for someone with an illness or a disability

How will you rise to the challenge? Talk to your school's STEAM lead and get involved!

**#NAEMIT #NAESuperheroes
#NAEInventTheFuture**



Massachusetts
Institute of
Technology

Introducing
**PROFESSOR
ANETTE
“PEKO” HOSOI**

“Imagine inventing something inspired by animals that solves an everyday problem”



NAME: Prof. Anette “Peko” Hosoi

FROM: MIT’s Department of Mechanical Engineering

HER INVENTION:

Prof. Hosoi developed a material inspired by beavers and otters to create an athletic wetsuit that keeps surfers warm as they move in and out of water

HER MISSION @ MIT: To explore how animals can inspire engineering solutions to improve human performance

YOUR MISSION:

Prof. Anette “Peko” Hosoi gives you the “Super Natural” challenge: Investigate how animals can inspire the design of an invention, or solve an existing problem

How will you rise to the challenge? Talk to your school’s STEAM lead and get involved!

**#NAEMIT #NAESuperheroes
#NAEInventTheFuture**



Massachusetts
Institute of
Technology

Introducing
**PROFESSOR
LEIA STIRLING**

“Imagine inventing a gadget that will improve your health”

NAME: Prof. Leia Stirling

FROM: MIT's Department of Aeronautics and Astronautics

HER INVENTION:

Prof. Stirling created lightweight space boots that vibrate before astronauts encounter an obstacle when walking in space

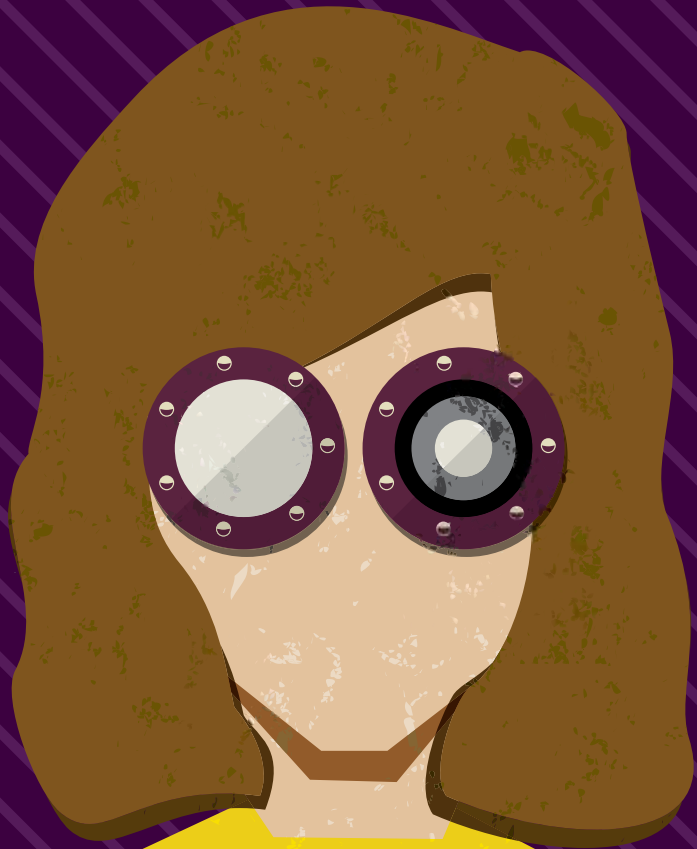
HER MISSION @ MIT: To explore how wearable technology used in space can help people on Earth

YOUR MISSION:

Prof. Leia Stirling gives you the “Epic Identity” challenge: Invent your own wearable costume, gadget or tool designed for a superhero!

How will you rise to the challenge? Talk to your school's STEAM lead and get involved!

**#NAEMIT #NAESuperheroes
#NAEInventTheFuture**



DO YOU HAVE WHAT IT TAKES TO BECOME A *STEAM* SUPERHERO?

Can wearable
gadgets boost human
performance?

How can
technologies
improve our health
and well-being?

Can animals
inspire us to
improve how we
design products
and solutions?

