



## “HIGH-FASHION STEM” Challenge

Did you know that history, fashion, engineering, and science often go hand in hand? From creating products that are fire retardants, antibacterial, eco-friendly, or glowing in the dark, science and engineering open a world of new opportunities in many industries, including fashion! Thinking like a scientist and an engineer, can you design the flight attendant uniform of the future? What technologies would you like to see incorporated into the flight attendant uniform and accessories? What problems would your new design solve? Who knows, your design might be the reason the latest AA flight attendant uniform makes its way into the Museum’s archives...

### Design Constraints:

- Must be practical and comfortable.
- Must be safe in case of an emergency.
- Must be able to wear in different climates.
- Must include at least 1 innovative technology.
- Must solve at least 1 problem.

### Additional information on Flight Attendant Profession:

- Must perform emergency procedures (fight fires, evacuations, medical emergencies, etc.)
- Must have easy access to information in flight attendant manual (tablet).
- Some physical labor – need fabric that “breathes” and stays dry.
- Lots of different body types and ages.
- Must be easily identifiable for passengers.

