



THE JOURNEY OF

HEALTH

**Travel Voucher**



## **DESTINATION:**

**Increase the survival rate of pre-term infants  
and reduce their disabilities**

## **ROUTE:**

**Administer antenatal steroids or increase oxygen saturation  
to replace intense, often painful life support procedures**

## **NEXT STOP:**

**Prevent Zika virus transmission to newborns in Puerto Rico**



# **DESTINATION:**

**Prevent Zika virus transmission to newborns in Puerto Rico**

# **ROUTE:**

**Make pregnant women the focus of an innovative campaign to help prevent Zika transmission to unborn babies**

# **NEXT STOP:**

**Deter disease outbreaks with vector control**



# **DESTINATION:**

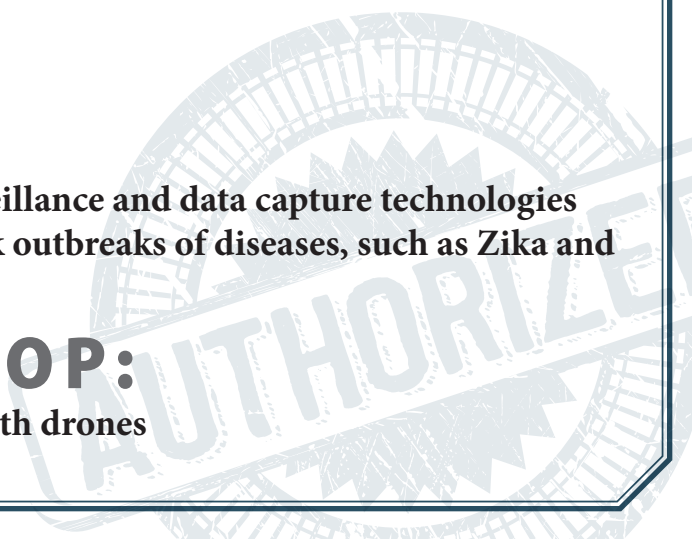
**Deter disease outbreaks with vector control**

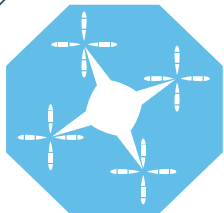
# **ROUTE:**

**Use innovative surveillance and data capture technologies to monitor and track outbreaks of diseases, such as Zika and malaria**

# **NEXT STOP:**

**Advance research with drones**





# **DESTINATION:**

**Advance research with drones**

# **ROUTE:**

**Fly drones to scan large areas or conduct public perception studies, environmental monitoring, and vector control**

# **NEXT STOP:**

**Pick up your prize, or begin your next journey**



## **DESTINATION:**

**Decrease teens' attraction to vaping**

## **ROUTE:**

**Understand teens' attraction to vaping so they can overcome perceptions that e-cigarettes are healthier and cooler than tobacco cigarettes**

## **NEXT STOP:**

**Improve understanding of marijuana edibles**



## **DESTINATION:**

**Improve understanding of marijuana edibles**

## **ROUTE:**

**Enhance packaging of marijuana edibles to communicate the public health dangers of unexpected highs resulting from consumption**

## **NEXT STOP:**

**Reduce dangers of opioid injections**



# **DESTINATION:**

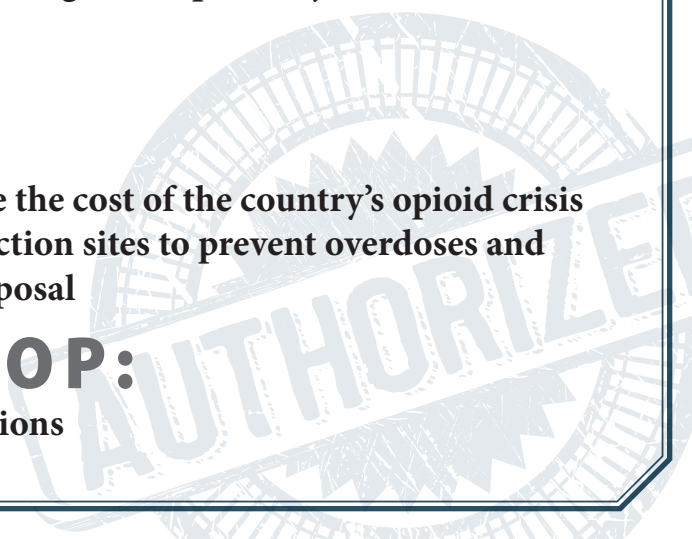
**Reduce dangers of opioid injections**

# **ROUTE:**

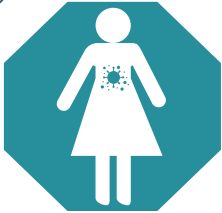
**Save lives and reduce the cost of the country's opioid crisis with supervised injection sites to prevent overdoses and improper needle disposal**

# **NEXT STOP:**

**Decrease HIV infections**







# **DESTINATION:**

**Decrease HIV infections**

## **ROUTE:**

**Decrease HIV infections among young women in poor areas with a mobile health app that educates them on practices to reduce risky behavior**

## **NEXT STOP:**

**Improve healthy communication campaigns**



# **DESTINATION:**

**Improve healthy communication campaigns**

# **ROUTE:**

**Test different campaign techniques for delivering messages about health challenges, from social media to virtual reality systems**

# **NEXT STOP:**

**Pick up your prize, or begin your next journey**





## **DESTINATION:**

**Reduce air pollution in China without  
constraining economic growth**

## **ROUTE:**

**Develop new emission standards, update and implement  
emergency programs for red alert days, and design a new  
enforcement program**

## **NEXT STOP:**

**Clean up coal and gas plant emissions**



# **DESTINATION:**

**Clean up coal and gas plant emissions**

# **ROUTE:**

**Implement a new Warm Gas Desulfurization process developed by RTI International that can economically remove 99.9% of the sulfur emitted by power plants**

# **NEXT STOP:**

**Research climate change concerns**



# **DESTINATION:**

**Research climate change concerns**

# **ROUTE:**

**Increase research for climate change—which is destabilizing the world's water and food supplies, and threatening global security**

# **NEXT STOP:**

**Assure global water supplies**



## **DESTINATION:**

**Assure global water supplies**

## **ROUTE:**

**Leverage RTI International's Watershed Flow and Allocation Model (WaterFALL®) to help communities better prepare for future water demands by evaluating the effect of continuing development and growth**

## **NEXT STOP:**

**Pick up your prize, or begin your next journey**



# **DESTINATION:**

**Combat microbial resistance**

# **ROUTE:**

**Work with the Combating Antibiotic Resistant Bacteria  
Biopharmaceutical Accelerator (CARB-X) to develop new  
antibiotics**

# **NEXT STOP:**

**Reduce manure pollutant levels in water**



## **DESTINATION:**

**Reduce manure pollutant levels in water**

## **ROUTE:**

**Assist livestock farmers with nutrient management plans, such as RTI International's CLEAN-East® to help reduce harmful nutrient levels in watersheds**

## **NEXT STOP:**

**Minimize threats to clean drinking water**





## **DESTINATION:**

**Minimize threats to clean drinking water**

## **ROUTE:**

**Improve the safe water supply by monitoring run-off from farms and manufacturing facilities, and developing proper sanitation systems**

## **NEXT STOP:**

**Improve health through better waste management**



## **DESTINATION:**

**Improve health through better waste management**

## **ROUTE:**

**Reinvent the toilet by employing a new closed-loop system to treat human waste and reduce open defecation, a major source of illnesses caused by poor sanitation**

## **NEXT STOP:**

**Pick up your prize, or begin your next journey**



## **DESTINATION:**

**Decrease the impact of drought on the food supply**

## **ROUTE:**

**Test whether alternative water sources, such as treated water from oil wells, can be used to reduce stress on drought-stricken farming regions**

## **NEXT STOP:**

**Improve early childhood development through new nutrition programs**



## **DESTINATION:**

**Improve early childhood development through new nutrition programs**

## **ROUTE:**

**Replace fragmented, ineffective efforts to help malnourished children reach their potential by developing an increased number of comprehensive programs**

## **NEXT STOP:**

**Reduce childhood obesity and diabetes**



# **DESTINATION:**

**Reduce childhood obesity and diabetes**

## **ROUTE:**

**Assess after-school programs that encourage exercise and nutrition habits to help reduce childhood obesity, a leading driver of diabetes and heart disease**

## **NEXT STOP:**

**Lower the cost and prevalence of heart disease**



# **DESTINATION:**

**Lower the cost and prevalence of heart disease**

# **ROUTE:**

**Emphasize prevention programs and initiatives to reduce the incidence of cardiovascular disease, the most prevalent and costly killer in the United States.**

# **NEXT STOP:**

**Pick up your prize, or begin your next journey**