

THE ROAD TO REOPENING

Recovery through Research

DHS SCIENCE & TECHNOLOGY @ CES 2021 // VIRTUAL PANEL DISCUSSION CATASTROPHE TO OPPORTUNITY: FOLLOWING THE SCIENCE JANUARY 12, 2021, 1:45PM–2:15PM EST

Government and industry must work together to strengthen the nation's security, economic and public health resilience. DHS Science & Technology (S&T) is partnering with state, local and industry innovators to help communities mitigate risks and respond to the compounding pressures of natural disasters and the pandemic. Securing our future requires a whole-of-government approach, where infrastructure, technology and data analytics are optimized to improve risk-based decision making across the expanse of the public health safety and security mission space. Learn what's possible when we follow the science and work together toward a common goal of improving our quality of life.

KEY TAKEAWAYS

1. Learn about business opportunities for startups, including the TSA Innovation Challenge, "Power of Passengers Challenge," a \$215,000 competition that seeks to reimagine how TSA utilizes data to enhance security and improve the passenger experience.
2. Apply scientific methodologies to drive-down risk and enhance prediction capabilities; learn how your business and community can support nationwide Wastewater-Based Epidemiology (WBE) initiatives to enhance public health security.
3. Educate business and governmental leaders about how automation and edge computing are securing life-line systems and networks to keep commerce uninterrupted going forward.
4. Compete globally by deploying new tools and policies that incentivize data, financing, and technology transfer collaborations among government, industry, foundations, academia, and the research community.

SPEAKERS

- **Catherine Cross**, Deputy Under Secretary, DHS S&T (Acting)
- **Ted Smith, Ph.D.**, Wastewater Based Epidemiology, Professor of Environmental Medicine, University of Louisville and Advisor to Louisville Mayor, Greg Fischer
- **Richard Seline**, Executive Director, Resilience Accelerator, Houston, TX
- **David Alexander**, Director of Resilience Research, DHS S&T



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WE WANT TO HEAR FROM YOU! //

Share your takeaways
with us on Twitter using
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What initiatives are working
in your community to enhance
public health security?

How does your business mitigate
risk?

What resources have you found
helpful for educating leadership
about new developments?

What do you think makes for a
successful technology transfer
collaboration?

What new digital tools do you
have your eye on?

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