



June 22, 2021

---

***Biologia et Machina:***  
**Cyberbiosecurity for Today's Hybrid Evolution**

**OBJECTIVE**

Provide the Bipartisan Commission on Biodefense with a better understanding of: (1) cyberbiosecurity threats, vulnerabilities, and consequences; (2) opportunities, and solutions arising as the cyber- and biological sciences converge; and (3) the role of the government in safeguarding against current and future cyberbiosecurity threats.

**SCHEDULE**

**Opening Remarks**

**Panel One: Executive Perspective**

*Government official will provide their views about the role of the Executive Branch in ensuring that the public and private sectors identify and eliminate cyberbiosecurity threats and vulnerabilities.*

**Jason G. Matheny, PhD**

Deputy Assistant to the President for Technology and National Security; Deputy Director for National Security, Office of Science and Technology Policy; Coordinator for Technology and National Security, National Security Council

**Panel Two: Threats, Vulnerabilities, and Challenges**

*Experts will discuss current and potential risk occurring as the cyber-and biological sciences converge.*

**Diane DiEuliis, PhD**

Senior Research Fellow, National Defense University

**Eléonore Pauwels**

Senior Research Fellow, The Global Center on Cooperative Security, New York

**Kathryn Millett**

Director, Biosecu.re

**Panel Three: Opportunities and Solutions**

*Experts will discuss opportunities and solutions to address threats and vulnerabilities occurring as the cyber- and biological sciences converge.*

**Susan E. Duncan, PhD**

Director, Center for Advanced Innovation in Agriculture, Virginia Tech

**Sterling Sawaya, PhD**

Founder and Chief Executive Officer, GeneInfoSec

**Janine Medina, MSc**

White House Presidential Innovation Fellow; Executive Director, Biohacking Village

**Panel Four: Role of Government in Securing the Future**

*A government official and two experts will discuss the role of federal, state, local, tribal, and territorial governments in safeguarding their communities against current and future cyberbiological threats and vulnerabilities.*

**Suzanne Schwartz, MD, MBA**

Director, Office of Strategic Partnerships and Technology Innovation, Food and Drug Administration

**Charles Fracchia, MS**

Chief Executive Officer, BioBright

**Bryan S. Ware**

Former Assistant Director for Cybersecurity, Cybersecurity and Infrastructure Security Agency; and former Assistant Secretary for Cyber, Infrastructure, and Resilience Policy; Department of Homeland Security