Gene Synthesis Governance Meeting
Johns Hopkins Center for Health Security

April 9, 2019
Astor Ballroom
St. Regis Hotel, Washington, DC

AGENDA

8:30-9:00  Coffee/Pastries in George Washington Room

9:00-9:15  Welcome and Introductory Remarks
Tom Inglesby, Director, Johns Hopkins Center for Health Security
Tricia Delarosa, HHS Office of Preparedness and Response

9:15-9:30  Gene Synthesis Policy Issues since 2010
Gigi Kwik Gronvall, Senior Scholar, Johns Hopkins Center for Health Security

9:30-10:45 Back to the Future: Gene Synthesis Technology Since 2010
Moderator: Michael Montague, Senior Scholar, Johns Hopkins Center for Health Security
Nathan Hillson, Director of Synthetic Biology Informatics, Joint Bioenergy Institute, USA
Alexis Rovner, Co-founder and CEO of 64-x

10:45-11:15  Coffee Break in Salon

11:15-12:30  Gene Synthesis Providers—Policy Issues Since 2010
Moderator: Gigi Kwik Gronvall, Senior Scholar, Johns Hopkins Center for Health Security
Patrick Boyle, Head of Codebase, Gingko Bioworks
James Diggans, Director, Bioinformatics and Biosecurity, Twist Bioscience
Sarah R. Carter, Principal, Science Policy Consulting, LLC
12:30-1:00 Break and Pick up Lunch in George Washington Room

1:00-2:15 Gene Synthesis Governance at the Local Level
*Moderator: Nancy Connell, Senior Scholar, Johns Hopkins Center for Health Security*
Maria Chavez, Executive Director, Treasurer & Director of Community Engagement, BioCurious
Joseph Kanabrocki, Associate Vice President for Research Safety and Professor of Microbiology, University of Chicago
Edward H. You, Supervisory Special Agent, FBI

2:15-2:45 Coffee Break

2:45-4:00 Ongoing Efforts to Increase DNA Synthesis Security
*Moderator: Gigi Kwik Gronvall, Senior Scholar, Center for Health Security*
David Shepherd, Science and Technology Program Manager, US Department of Homeland Security
Trevor Petrel, Director of Advanced Technology Development, Battelle
Kristin Omberg, Technical Group Manager, Chemical and Biological Signatures Science, Pacific Northwest National Laboratory

4:00-4:45 Paths Forward for Gene Synthesis Governance: Town Hall Discussion

4:45-5:00 Closing
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Meeting Participants

Evan Appleton
Harvard Medical School

Jason Bannan
FBI

Kavita Berger
Gryphon Scientific

Luciana Borio
Former National Security Staff

Katie Bowman
National Academies of Sciences, Engineering, and Medicine

Patrick Boyle
Codebase at Ginkgo Bioworks

Cindy Bruckner-Lea
Pacific Northwest National Lab

Peter Carr
MIT Lincoln Laboratory

Sarah Carter
Science Policy Consulting

Maria Chavez
BioCurious

Eileen Choffnes

Anita Cicero
Johns Hopkins Center for Health Security

Nancy Connell
Johns Hopkins Center for Health Security

Edward Cope
GMU Biodefense/Global Health Security

Hanson Cowan
CDC

Kathleen Danskin
HHS/ASPR

Patricia Delarosa
HHS/ASPR

Diane DiEullis
NDU

James Diggans
Twist Bioscience

Jessica Dymond
JHU APL

Samuel Edwin
CDC

Gerald Epstein
NDU

Mallory Epting
HHS/ASPR

Jared Evans
JHU APL
Rachel Evans
JHU School of Public Health

Steven Evans
Retired, Dow AgroSciences

Phil Ferro
National Security Council Staff

Claire Marie Filone
JHU APL

Michael Fisher
Federation of American Scientists

Douglas Friedman
Engineering Biology Research Consortium

Megan Frisk
US Department of State

Becky Gates
Office of Science & Technology Policy

Cyril Gay
USDA-ARS

Steven Goldbaum
Lumina Analytics

Ashley Grant
MITRE

Gigi Gronvall
Johns Hopkins Center for Health Security

Andrew Haddow
General Dynamics Health Solutions at USAMRIID

Wendy Hall
US Department of Homeland Security

Joseph Hamel
HHS/ASPR

DeKeely Hartsfield
US Department of Health & Human Services

Benjamin Hasselbring
CDC

Patricia Hernandez
Sandia National Laboratories

Nathan Hillson
Berkeley Lab

Kimberly Hofmeyer
MITRE

Michelle Holko
Booz Allen Hamilton

James Holt
US Department of Health & Human Services

Tom Inglesby
Johns Hopkins Center for Health Security

Patrick Iversen
USAMRIID

Jake Jordan
NTI | bio

Joseph Kanabrocki
University of Chicago

Andy Kilianski
US Department of Defense

Kanako Kitahara
MHLW/HHS

Amanda Kobokovich
Johns Hopkins Center for Health Security

Susan Koch

Tamika Knight
US Department of Homeland Security

Michael Krug
George Mason University

Aditya Kunjapur
University of Delaware
Mary Lancaster
DTRA

Leila Langston
US Department of Energy

Elizabeth Lapatovich
Cherokee National Assurance at USAMRIID

Theresa Lawrence
HHS/ASPR

Betty Lee
US Department of Commerce

Yong-Bee Lim
George Mason University

Sheng Lin-Gibson
NIST Biosystems and Biomaterials Division

Danielle Lohman
US Department of State

Jason Matheny
Georgetown University

Von McClee
CDC

Michelle McKinney
NIH

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Allison Mistry
Booz Allen Hamilton

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Johns Hopkins Center for Health Security

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ASPR/Division of International Health Security

Colby Newson
CSIS

Tiffany Nguyen
USAMRIID

Ali Nouri
Federation of American Scientists

Christopher O’Donnell
US Department of Homeland Security

Michael O’Keefe
DOD (LMI A&AS Spt)

Kristin Omberg
PNNL

Michael Parker
McDaniel College

Michael Patterson

Dana Perkins
US Department of Health & Human Services

Trevor Petrel
Battelle

Perri Pleeter
DHS S&T CAPO

Jody Proescher
JHU APL

Lauren Quattrochi
MITRE

Kevin Ramkissoon
NIH

Georgia Ray

Craig Reed
Inspirion Bio

Laura Regan
OSD

Bill Rhodes
US Senate, HSGAC
Matthew Watson
Johns Hopkins Center for Health Security

Sharlene Weatherwax
US Department of Energy

Jaime Yassif
NTI

Ed You
FBI

Cari Young
NIH

Nathalie Zeitouni
Battelle National Biodefense Institute