

COMMITTEE ON ETHICS

EMPLOYEE POST-TRAVEL DISCLOSURE FORM Original Amendment

This form is for disclosing the receipt of travel expenses from private sources for travel taken in connection with official duties. This form does not eliminate the need to report privately-funded travel on the annual *Financial Disclosure Statements* of those employees required to file them. In accordance with House Rule 25, clause 5, **you must complete this form and file it with the Clerk of the House by email at gifttravelreports@mail.house.gov, within 15 days after travel is completed.** Please **do not** file this form with the Committee on Ethics.

NOTE: Willful or knowing misrepresentations on this form may be subject to criminal prosecution pursuant to 18 U.S.C. § 1001.

- Name of Traveler: Isabel Coughlin
- a. Name of Accompanying Relative: _____ **OR** None
b. Relationship to Traveler: Spouse Child Other (specify): _____
- a. Dates: Departure: 8/7/23 Return: 8/10/23
b. Dates at Personal Expense, if any: _____ **OR** None
- Departure City: Washington DC Destination: San Francisco Return City: Salt Lake City
- Sponsor(s), Who Paid for the Trip: Good Ventures Foundation
- Describe Meetings and Events Attended: Panels on biosecurity related to public health, national security, agriculture, and medicine.
Visited the LLNL to learn about their research and projects.
- Attached to this form are **each** of the following, *signify that each item is attached by checking the corresponding box*:
 - a completed *Sponsor Post-Travel Disclosure Form*;
 - the *Primary Trip Sponsor Form* completed by the trip sponsor **prior** to the trip, **including all** attachments **and** the *Additional Sponsor Form(s)*;
 - page 2 of the completed *Traveler Form* submitted by the employee; **and**
 - the letter from the Committee on Ethics approving my participation on this trip.
- a. I represent that I participated in each of the activities reflected in the attached sponsor's agenda. *Signify statement is true by checking the box.*
b. If not, explain: _____

I certify that the information contained on this form is true, complete, and correct to the best of my knowledge.

Signature of Traveler: Isabel Coughlin Date: 8/18/23

I authorized this travel in advance. I have determined that all of the expenses listed on the attached *Sponsor Post-Travel Disclosure Form* were necessary and that the travel was in connection with the employee's official duties and would not create the appearance that the employee is using public office for private gain.

Name of Supervising Member: Abigail D. Spanberger Date: 8/18/23

Signature of Supervising Member: Abigail D. Spanberger

COMMITTEE ON ETHICS

SPONSOR POST-TRAVEL DISCLOSURE FORM

Original Amendment

This form must be completed by an officer of any organization that served as the primary trip sponsor in providing travel expenses or reimbursement for travel expenses to House Members, officers, or employees under House Rule 25, clause 5. **A completed copy of the form must be provided to each House Member, officer, or employee who participated in the trip within 10 days of their return.** You must answer all questions, and check all boxes, on this form for your submission to comply with House Rules and the Committee's Travel Regulations. Failure to comply with this requirement may result in the denial of future requests to sponsor trips and/or subject the current traveler to disciplinary action or a requirement to repay the trip expenses.

NOTE: Willful or knowing misrepresentations on this form may be subject to criminal prosecution pursuant to 18 U.S.C. § 1001.

1. Sponsor(s) who paid or provided in-kind support for the trip: Stanford University, Institute for Progress, and the Good Ventures Foundation

2. Travel Destination(s): Stanford, CA

3. Date of Departure: August 7th, 2023 Date of Return: August 10th, 2023

4. Name(s) of Traveler(s): Isabel Coughlin

Note: You may list more than one traveler on a form only if **all** information is **identical** for each person listed.

5. **Actual amount** of expenses paid on behalf of, or reimbursed to, each individual named in Question 4:

	Total Transportation Expenses	Total Lodging Expenses	Total Meal Expenses	Total Other Expenses (dollar amount per item and description)
Traveler	\$806.33	\$658.45	\$181.31	\$30 - conference services per person
Accompanying Family Member	N/A	N/A	N/A	N/A

6. All expenses connected to the trip were for actual costs incurred and not a *per diem* or lump sum payment. *Signify statement is true by checking box.*

I certify that the information contained in this form is true, complete, and correct to the best of my knowledge.

Signature: Allison Berke Digitally signed by Allison Berke
Date: 2023.08.15 07:21:09 -07'00' Date: 08.15.2023

Name: Allison Berke Title: Director of Advanced Technology

Organization: Stanford University, Stanford Institute for Economic Policy Research

I am an officer of the above-named organization. Signify statement is true by checking box.

Address: 366 Galvez St., Stanford CA 94305

Telephone: 650-276-9287 Email: aberke@stanford.edu

Committee staff may contact the above-named individual if additional information is required.

If you have questions regarding your completion of this form, please contact the Committee on Ethics at 202-225-7103.

Michael Guest, Mississippi
Chairman
Susan Wild, Pennsylvania
Ranking Member

David P. Joyce, Ohio
John H. Rutherford, Florida
Andrew R. Garbarino, New York
Michelle Fischbach, Minnesota

Veronica Escobar, Texas
Mark DeSaulnier, California
Deborah K. Ross, North Carolina
Glenn F. Ivey, Maryland



ONE HUNDRED EIGHTEENTH CONGRESS

U.S. House of Representatives

COMMITTEE ON ETHICS

Thomas A. Rust
Staff Director and Chief Counsel

Keelie Broom
Counsel to the Chairman

David Arrojo
Counsel to the Ranking Member

1015 Longworth House Office Building
Washington, D.C. 20515-6328
Telephone: (202) 225-7103
Facsimile: (202) 225-7392

July 19, 2023

Ms. Isabel Coughlin
Office of the Honorable Abigail Davis Spanberger
562 Cannon House Office Building
Washington, DC 20515

Dear Ms. Coughlin:

Pursuant to House Rule 25, clause 5(d)(2), the Committee on Ethics hereby approves your proposed trip to Stanford, California, scheduled for August 7 to 10, 2023, sponsored by Stanford University, Good Ventures Foundation, and Institute for Progress.

You must complete an Employee Post-Travel Disclosure Form (which your employing Member must also sign) and file it, together with a Sponsor Post-Travel Disclosure Form completed by the trip sponsor, with the Clerk of the House within 15 days after your return from travel. As part of that filing, you are also required to attach a copy of this letter and both the Traveler and Primary Trip Sponsor Forms (including attachments) you previously submitted to the Committee in seeking pre-approval for this trip. If you are required to file an annual Financial Disclosure Statement, you must also report all travel expenses totaling more than \$480 from a single source on the "Travel" schedule of your annual Financial Disclosure Statement covering this calendar year. Finally, Travel Regulation § 404(d) also requires you to keep a copy of all request forms and supporting information provided to the Committee for three subsequent Congresses from the date of travel.

If you have any further questions, please contact the Committee's Office of Advice and Education at extension 5-7103.

Sincerely,

Michael Guest
Chairman

Susan Wild
Ranking Member

MG/SW:mc



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COMMITTEE ON ETHICS

TRAVELER FORM

This form should be completed by House Members, officers, or employees seeking Committee approval of privately-sponsored travel or reimbursement for travel under House Rule 25, clause 5. The completed form should be submitted directly to the Committee by each invited House Member, officer, or employee, together with the completed and signed trip sponsor form(s) and any attachments. A copy of this form, minus this initial page, will be made available for public inspection. **This form and any attachments may be delivered to the Committee at 1015 Longworth or e-mailed to travel.requests@mail.house.gov.**

Your completed request must be submitted to the Committee no less than 30 days before your proposed departure date. Absent exceptional circumstances, permission will not be granted for requests received less than 30 days before the trip commences. **You must receive explicit approval from the Committee before you depart on this trip.**

Name of Traveler: Isabel Coughlin

NOTE: Willful or knowing misrepresentations on this form may be subject to criminal prosecution pursuant to 18 U.S.C. § 1001.

I certify that the information contained on both pages of this form is true, complete, and correct to the best of my knowledge.

Signature: Isabel Coughlin

Name of Signatory (if other than traveler): _____

For Staff (name of employing Member or Committee): Rep. Abigail Spanberger

Office Address: 562 Cannon

Telephone Number: 202-225-2815

Email Address of Contact Person: isabel.coughlin@mail.house.gov

Check this box if the sponsoring entity is a media outlet, the purpose of the trip is to make a media appearance sponsored by that entity, *and* these forms are being submitted to the Committee less than 30 days before the trip departure date.

NOTE: You must complete all of the contact information fields above, as Committee staff may need to contact you if additional information is required.

KEEP A COPY OF THIS FORM. Page 2 (but not this page) must be submitted to the Clerk as part of the post-travel disclosure required by House Rule 25. Travel Regulation § 404(d) also requires you to keep a copy of all request forms and supporting paperwork for three subsequent Congresses from the date of travel.

If there are any questions regarding this form, please contact the Committee on Ethics at 202-225-7103 or via e-mail: travel.requests@mail.house.gov.



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COMMITTEE ON ETHICS

TRAVELER FORM

1. Name of Traveler: Isabel Coughlin
2. Sponsor(s) who will be paying or providing in-kind support for the trip:
Good Ventures Foundation, Stanford University
3. City and State **OR** Foreign Country of Travel : Palo Alto, California
4. a. Date of Departure: 8/07/23 Date of Return: 8/10/23
b. Yes No Will you be extending the trip at your personal expense?
If yes, list dates at personal expense: _____
5. a. Yes No Will you be accompanied by a family member at the sponsor's expense? **If yes:**
(1) Name of Accompanying Family Member: _____
(2) Relationship to Traveler: Spouse Child Other (specify): _____
(3) Yes No Accompanying Family Member is at least 18 years of age:
6. a. Yes No Did the trip sponsor answer "Yes" to Question 8(c) on the *Primary Trip Sponsor Form* (i.e., travel is sponsored by an entity that employs a registered federal lobbyist or a foreign agent)?
b. **If yes**, and you are requesting lodging for two nights, explain why the second night is warranted:
7. Yes No *Primary Trip Sponsor Form* is attached, including agenda, invitee list, and any other attachments and Additional Sponsor Forms.

NOTE: The agenda should show the traveler's individual schedule, including departure and arrival times and identify the specific events in which the traveler will be participating.
8. Explain why participation in the trip is connected to the traveler's individual official or representational duties.
Staff should include their job title and how the activities on the itinerary relate to their duties.
As a Senior Policy Advisor for Rep. Spanberger, I handle issues related to domestic drug manufacturing, homeland security, supply chain issues, and the agriculture portfolio, which includes her role as Ranking Member of the Subcommittee with primary jurisdiction over biotechnology. The activities on this trip directly relate and will inform my work advising the Congresswoman on those issue areas, especially related to pandemic preparedness.
9. **Yes No Is the traveler aware of any registered federal lobbyists or foreign agents involved planning, organizing, requesting, or arranging the trip?**
10. For staff travelers, to be completed by your employing Member:

ADVANCED AUTHORIZATION OF EMPLOYEE TRAVEL

I hereby authorize the individual named above, an employee of the U.S. House of Representatives who works under my direct supervision, to accept expenses for the trip described in this request. I have determined that the above-described travel is in connection with my employee's official duties and that acceptance of these expenses will not create the appearance that the employee is using public office for private gain.

Signature of Employing Member  Date 07/05/2023



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PRIMARY TRIP SPONSOR FORM

This form should be completed by private entities offering to provide travel or reimbursement for travel to House Members, officers, or employees under House Rule 25, clause 5. A completed copy of the form (and any attachments) should be provided to each invited House Member, officer, or employee, who will then forward it to the Committee together with a *Traveler Form* **at least 30 days before the start date of the trip**. The trip sponsor should *NOT* submit the form directly to the Committee. The Committee website (ethics.house.gov) provides detailed instructions for filling out the form.

NOTE: Willful or knowing misrepresentations on this form may be subject to criminal prosecution pursuant to 18 U.S.C. § 1001. Failure to comply with the Committee's Travel Regulations may also lead to the denial of permission to sponsor future trips.

1. Sponsor who will be paying for the trip:
2. I represent that the trip will not be financed, in whole or in part, by a registered federal lobbyist or foreign agent. *Signify that the statement is true by checking box.*
3. **Check only one.** I represent that:
 - a. The primary trip sponsor has not accepted from any other source, funds intended directly or indirectly to finance any aspect of the trip: **OR**
 - b. The trip is arranged without regard to congressional participation and the primary trip sponsor has accepted funds only from entities that will receive a tangible benefit in exchange for those funds: **OR**
 - c. The primary trip sponsor has accepted funds from other source(s) intended directly or indirectly to finance all or part of this trip and has enclosed disclosure forms from each of those entities.
If "c" is checked, list the names of the additional sponsors:
4. Provide names and titles of **ALL** House Members *and* employees you are inviting. **For each House invitee, provide an explanation of why the individual was invited** (include additional pages if necessary):
5. Yes No Is travel being offered to an accompanying family member of the House invitee(s)?
6. Date of departure: _____ Date of return: _____
7. a. City of departure: _____
b. Destination(s): _____
c. City of return: _____
8. **Check only one.** I represent that:
 - a. The sponsor of the trip is an institution of higher education within the meaning of section 101 of the Higher Education Act of 1965: **OR**
 - b. The sponsor of the trip does not retain or employ a registered federal lobbyist or foreign agent: **OR**
 - c. The sponsor employs or retains a registered federal lobbyist or foreign agent, but the trip is for attendance at a one-day event *and* lobbyist / foreign agent involvement in planning, organizing, requesting, or arranging the trip was *de minimis* under the Committee's travel regulations.
9. **Check only one of the following:**
 - a. I checked 8(a) or (b) above; **OR**
 - b. I checked 8(c) above but am not offering any lodging; **OR**
 - c. I checked 8(c) above and am offering lodging and meals for one night; **OR**
 - d. I checked 8(c) above and am offering lodging and meals for two nights. If you checked this box, explain why the second night of lodging is warranted:



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10. Attached is a detailed agenda of the activities House invitees will be participating in during the travel (i.e., an hourly description of planned activities for trip invitees). *Indicate agenda is attached by checking box.*
11. **Check only one of the following:**
- a. I represent that a registered federal lobbyist or foreign agent will not accompany House Members or employees on any segment of the trip. *Signify that the statement is true by checking box; OR*
- b. *Not Applicable.* Trip sponsor is a U.S. institution of higher education.
12. For **each** sponsor required to submit a sponsor form, describe the sponsor's interest in the subject matter of the trip **and** its role in organizing and/or conducting the trip:
13. **Answer parts a and b. Answer part c if necessary:**
- a. Mode of travel: Air Rail Bus Car Other (specify: _____)
- b. Class of travel: Coach Business First Charter Other (specify: _____)
- c. If travel will be first class, or by chartered or private aircraft, explain why such travel is warranted:
14. I represent that the expenditures related to local area travel during the trip will be unrelated to personal or recreational activities of the invitee(s). *Signify that the statement is true by checking the box.*
15. **Check only one.** I represent that either:
- a. The trip involves an event that is arranged or organized *without regard* to congressional participation and that meals provided to congressional participants are similar to those provided to or purchased by other event attendees; **OR**
- b. The trip involves events that are arranged specifically *with regard* to congressional participation.
If "b" is checked:
- 1) Detail the cost *per day* of meals (approximate cost may be provided):
- 2) Provide the reason for selecting the location of the event or trip:
16. Name, nightly cost, and reasons for selecting each hotel or other lodging facility:
- Hotel Name: _____ City: _____ Cost Per Night: _____
Reason(s) for Selecting: _____
- Hotel Name: _____ City: _____ Cost Per Night: _____
Reason(s) for Selecting: _____
- Hotel Name: _____ City: _____ Cost Per Night: _____
Reason(s) for Selecting: _____
17. I represent that all expenses connected to the trip will be for actual costs incurred and not a per diem or lump sum payment. *Signify that the statement is true by checking the box.*



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18. Total Expenses for each Participant:

<input type="checkbox"/> Actual Amounts <input type="checkbox"/> Good Faith Estimates	Total Transportation Expenses per Participant	Total Lodging Expenses per Participant	Total Meal Expenses per Participant
For each Member, Officer, or Employee			
For each Accompanying Family Member			

	Other Expenses (dollar amount per item)	Identify Specific Nature of "Other" Expenses (e.g., taxi, parking, registration fee, etc.)
For each Member, Officer, or Employee		
For each Accompanying Family Member		


NOTE: Willful or knowing misrepresentations on this form may be subject to criminal prosecution pursuant to 18 U.S.C. § 1001.

19. Check only one:

- a. I certify that I am an officer of the organization listed below; **OR**
- b. *Not Applicable*. Trip sponsor is an individual or a U.S. institution of higher education.

20. I certify by my signature that

- a. I read and understand the Committee's Travel Regulations;
- b. I am not a registered federal lobbyist or registered foreign agent; and
- c. The information on this form is true, complete, and correct to the best of my knowledge.

Signature: Allison Berke  Digitally signed by Allison Berke
Date: 2023.05.22 12:53:22 -07'00' Date: _____

Name: _____ Title: _____

Organization: _____

Address: _____

Email: _____ Telephone: _____

INSTRUCTIONS

Complete the *Primary Trip Sponsor Form* and submit the agenda, invitation list, any attachments, and any *Additional Trip Sponsor Forms* directly to the Travelers.

Written approval from the Committee on Ethics is required before traveling on this trip. The Committee on Ethics will notify the House invitees directly and will not notify the trip sponsors.

Willful or knowing misrepresentation on this form may be subject to criminal prosecution under 18 U.S.C. § 1001. Signatures must comply with section 104(bb) of the Travel Regulations.

For questions, please contact the Committee on Ethics at:

1015 Longworth House Office Building
Washington, D.C. 20515

ethicscommittee@mail.house.gov | 202-225-7103
More information and forms available at ethics.house.gov



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ADDITIONAL TRIP SPONSOR FORM

This form should be completed by an organization that provides funds, services, or in-kind assistance to another entity to underwrite, in whole or in part, a trip or an event, meal, or activity that will occur during a trip, or a necessary expense that will be incurred during a trip, with express or implicit knowledge or understanding that one or more House Members or employees may participate in or attend that trip or event, or otherwise may be beneficiaries of the gift or donation.

Provide a copy of your completed form to the primary sponsor of the trip.

NOTE: Willful or knowing misrepresentations on this form may be subject to criminal prosecution pursuant to 18 U.S.C. § 1001. Failure to comply with the Committee's Travel Regulations may also lead to the denial of permission to sponsor future trips.

1. Name of Primary Trip Sponsor: Stanford University

2. Name of your organization: Good Ventures Foundation

3. Yes No Is your organization designated a § 501(c)(3) charitable organization by the Internal Revenue Service?

4. Yes No Does your organization receive funding from any foreign government or multinational organization?

5. **Check one.** I certify that my organization:

a. Has provided a grant, gift, or donation to the above-named Primary Trip Sponsor and conducts an audit or review of its grant, gift, or donation to ensure that the funds are spent in accordance with the terms of its grant, gift, or donation. **OR**

b. Has had a direct role in the organizing, planning, or conducting of a trip to
Destination: _____ on Date: _____
that is being organized or arranged by the above-named Primary Trip Sponsor. **OR**

c. Has provided in-kind support to the above-named Primary Trip Sponsor (e.g., meeting planning assistance, meeting space and set-up, and paying for expenses related to this trip directly to the service provider).

6. **Check only one:**

a. My organization does not employ or retain a registered federal lobbyist or foreign agent **OR**

b. My organization employs a registered federal lobbyist or foreign agent, but their involvement in planning, organizing, or arranging the trip was *de minimis* under the travel regulations.

7. I certify by my signature that

a. I read and understand the Committee's Travel Regulations;

b. I am not a registered federal lobbyist or registered foreign agent;

c. I am an officer of this organization and am duly authorized to sign this form; and

d. The information on this form is true, complete, and correct to the best of my knowledge.

Signature:  Date: 4/28/2023 | 10:30 AM PDT

Name: Sarah Li Title: Authorized Signatory

Organization: Good Ventures Foundation

Address: 314 Lytton Avenue Palo Alto, CA 94301

Email: openPhil@iconiqcapital.com Telephone: _____



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INSTRUCTIONS

Complete the *Additional Trip Sponsor Form* and submit the forms directly to the Primary Trip Sponsor.

Written approval from the Committee on Ethics is required before traveling on this trip. The Committee on Ethics will notify the House invitees directly and will not notify the trip sponsors.

Willful or knowing misrepresentation on this form may be subject to criminal prosecution under 18 U.S.C. § 1001. Signatures must comply with section 104(bb) of the Travel Regulations.

For questions, please contact the Committee on Ethics at:

1015 Longworth House Office Building
Washington, D.C. 20515

ethicscommittee@mail.house.gov | 202-225-7103
More information and forms available at ethics.house.gov

Stanford Biosecurity Workshop Invitees

- Ms. Beth Nelson (Young) – Invitee from Senate
Ms. Nelson is the Health Policy Director for Senator Todd Young of Virginia. Senator Young is on the Committee on Commerce, Science, and Transportation, and the Subcommittee on Security. For these topical reasons (Health Policy, Science, and Security), we believe Ms. Young is likely to encounter policy issues related to biosecurity.
- Mr. Cam Madsen (Stewart) – Invitee from House of Representatives
Mr. Madsen is the Legislative Director for Congressman Chris Stewart of Utah. Congressman Stewart is a member of the Permanent Select Committee on Intelligence, which we believe is likely to encounter issues related to biosecurity threats.
- Ms. Camilla Vogt (Hickenlooper) – Invitee from Senate
Ms. Camilla Vogt is a legislative assistant for Senator John Hickenlooper of Colorado. Senator Hickenlooper is on the Committee on Health, Education, Labor, and Pensions, and on the Committee on Commerce, Science, and Transportation, both of which committees are likely to encounter biosecurity-related issues.
- Ms. Claire Wengrod (Heinrich) – Invitee from Senate
Ms. Wengrod is a Health Legislative Assistant to Senator Martin Heinrich of New Mexico. Senator Heinrich is a member of the Select Committee on Intelligence and the Committee on Appropriations Subcommittee on Agriculture, Rural Development, Food and Drug Administration, and Related Agencies. For these topical reasons (Health, Intelligence, and Food and Drug Administration), we believe Ms. Wengrod is likely to encounter policy issues related to biosecurity and pandemic preparedness.
- Ms. Dahlia Sokolov - Invitee from House of Representatives
Ms. Sokolov is Staff Director for the Research & Technology Subcommittee of the House Committee on Science, Space, and Technology. In this role, we believe Ms. Sokolov is likely to encounter policy issues related to biosecurity and biotechnology.
- Ms. Diana Bergwin – Invitee from House of Representatives
Ms. Bergwin is Staff Director for the House Homeland Security Committee Emergency Management and Technology Subcommittee, which we believe means she is likely to encounter policy issues related to biosecurity and pandemic preparedness.
- Mr. Geo Saba (Khanna) – Invitee from House of Representatives
Mr. Saba is Chief of Staff for Congressman Ro Khanna of California. Congressman Khanna is on two subcommittees related to emerging technologies, the Committee on Armed Services Subcommittee on Cyber, Information Technologies, and Innovation, and the Committee on Oversight and Accountability Subcommittee on Cybersecurity, Information Technology, and Government Innovation. We believe both of these

subcommittees are likely to encounter topics related to emerging biotechnologies and biosecurity.

- **Mr. Gilbert Ruiz (Gillibrand) – Invitee from Senate**
Mr. Ruiz is the Legislative Director for Senator Kirsten Gillibrand of New York. Senator Gillibrand is a member of the Committee on Agriculture, Nutrition, and Forestry Subcommittee on Energy, Science, and Technology, and the Committee on Armed Services Subcommittee on Emerging Threats and Abilities, both of which we believe are likely to encounter topics related to biosecurity and emerging biotechnologies.
- **Mr. Greg Brooks (Wenstrup) – Invitee from House of Representatives**
Mr. Brooks is the Chief of Staff for Representative Brad Wenstrup of Ohio. Representative Wenstrup is a member of the House Permanent Select Committee on Intelligence Subcommittee on Counterterrorism, Counterintelligence, and Counterproliferation, which we believe means Mr. Brooks is likely to encounter topics related to biosecurity and the nonproliferation of bioweapons.
- **Ms. Isabel Coughlin (Spanberger) – Invitee from House of Representatives**
Ms. Coughlin is a Legislative Assistant to Representative Abigail Spanberger of Virginia. Representative Spanberger is a member of the House Permanent Select Committee on Intelligence, which encounters issues related to nonproliferation, and is Ranking Member of the House Agriculture Committee Subcommittee on Conservation, Research, and Biotechnology. As a result of both Committee assignments, Ms. Coughlin is likely to encounter policy topics related to biosecurity, nonproliferation of bioweapons, and emerging biotechniques.
- **Mr. Jonathan Clifford – Invitee from House of Representatives**
Mr. Clifford is Science, Technology, and Innovation Professional Staff Member for the House Permanent Select Committee on Intelligence, which we believe means he is likely to encounter policy related to biosecurity and biodefense.
- **Mr. Jose Villalvazo (Padilla) – Invitee from Senate**
Mr. Villalvazo is Policy Advisor to Senator Alex Padilla of California. Senator Padilla is a member of the Committee on Homeland Security and Government Affairs, and a member of the Rare Disease Caucus, which we believe means Mr. Villalvazo is likely to encounter policy topics related to biosecurity and pandemic preparedness or disease surveillance.
- **Mr. Kelvin Yu – Invitee from House of Representatives**
Mr. Yu is a Fellow at the House Space, Science, and Technology committee, which we believe means he is likely to encounter policy topics related to biosecurity and emerging biotechnologies.

- Ms. Lauren McClain – Invitee from House of Representatives
 Ms. McClain is a Legislative Assistant for the House Homeland Security Committee, which we believe means she is likely to encounter policy topics related to biosecurity and biodefense.
- Ms. Liz Amster (Auchincloss) – Invitee from House of Representatives
 Ms. Amster is Chief of Staff for Representative Jake Auchincloss of Massachusetts. Representative Auchincloss is a member of the Committee on Financial Services Subcommittee on National Security, International Development, and Monetary Policy, which we believe means Ms. Amster is likely to encounter policy topics related to biosecurity, international collaborations and funding on pandemic preparedness, and funding for medical countermeasures to address disease threats.
- Mr. Micah Ketchel (Waltz) – Invitee from House of Representatives
 Mr. Ketchel is Chief of Staff for Congressman Mike Waltz of Florida. Representative Waltz is a member of the Permanent Select Committee on Intelligence, which we believe means Mr. Ketchel is likely to encounter policy topics related to biosecurity and biodefense.
- Ms. Christina Salazar – Invitee from Senate
 Ms. Salazar is General Counsel for the Senate Homeland Security and Governmental Affairs Committee, which we believe means she is likely to encounter policy topics related to biosecurity and biodefense, as well as pandemic preparedness.
- Mr. Sachin Mathur (Gillibrand) – Invitee from Senate
 Mr. Mathur is Legislative Assistant to Senator Kirsten Gillibrand of New York. Senator Gillibrand is a member of the Committee on Agriculture, Nutrition, and Forestry Subcommittee on Energy, Science, and Technology, and the Committee on Armed Services Subcommittee on Emerging Threats and Abilities, both of which we believe are likely to encounter topics related to biosecurity and emerging biotechnologies.
- Mr. Zach Wilson (Bice) – Invitee from House of Representatives
 Mr. Wilson is Legislative Assistant for Congresswoman Stephanie Bice of Oklahoma. Representative Bice is a member of the House Committee on Science, Space, and Technology, and a member of the House Committee on Armed Services Cyber, Innovative Technologies, and Information Systems Subcommittee, which we believe means that Mr. Wilson is likely to encounter policy topics related to biosecurity and emerging biotechnologies.

Stanford Biosecurity Workshop Agenda

All events take place at the Mackenzie Room in the Huang Engineering Building on Stanford Campus, unless otherwise indicated

Day 1: August 7th, 2023

Room 300, 475 Via Ortega, Stanford, CA 94305

11:45 am – 12:00pm: Welcome (Allison Berke, Jassi Pannu, David Relman)

12:00 pm – 1:00 pm: Lunch

1:00 pm - 2:00 pm: Session 1 (Background/overview of biosecurity and previous biosecurity policy efforts – Drew Endy, David Relman)

- The history of US biosecurity policy, the structure of responsibilities, pandemic response and effectiveness past and current (e.g., SARS, Ebola, Zika, COVID), and how priorities are set

2:00 pm - 2:30 pm: Break

2:30 pm - 4:00 pm: Session 2 (Pandemic preparedness, medical countermeasures – Steve Luby, David Relman)

- How pandemics are identified, how responses build and are evaluated mid-stream, what our response capabilities are and how these are developed, and what our current capabilities can and cannot address (e.g., vaccine development pipeline, new antibiotic development, protective equipment, building airflow standards, UV-C sterilization)

4:00 pm - 4:30 pm: Break

4:30 pm - 6:30 pm: Dinner and Session 3 (Immunology, synthetic biology, and disease biology – Milana Trounce, Megan Palmer)

- Human and disease biology (how does a pathogen cause illness? What is special about zoonotic diseases?), and synthetic biology (what does it mean to edit a gene, to synthesize a molecule, to engineer a protein?)

6:30 pm: Return to accommodations

Day 2: August 8th, 2023

Room 300, 475 Via Ortega, Stanford, CA 94305

8:00 am – 9:30 am: Breakfast

9:30 am – 9:45 am: Break

9:45 am – 10:15 am: Debrief from previous day

10:15 am – 11:15 am: Session 4 (Supply-chain and innovation pipeline problems – Dan Greene, Becky Mackelprang)

- How we mobilize vaccines, PPE, medications, and personnel, when a pandemic is identified; what we might find as an obstacle to innovation, supply chain, or biological product development over the next 10 years

11:15 am – 11:45 am: Break

11:45 am – 1:15 pm: Lunch and Session 5 (Surveillance, spillovers, and outbreak investigation – Alexandria Boehm, Jassi Pannu, David Relman)

- How we monitor biological activities - animal and human health, wastewater monitoring, spillovers - and how we investigate and determine the source of an outbreak. How do we identify whether an outbreak is manmade/engineered or natural? What biosecurity measures are associated with what biosafety levels / types of activity?

1:15 pm – 1:30 pm: Break

1:30 pm – 3:00 pm: Session 6 (Nonproliferation and status of treaties – Allison Berke, Herb Lin)

- The BTWC, CBMs, proposed verification measures, UNSCR 1540, the role of the WHO, etc.

3:00 pm – 4:00 pm: Break

4:00 pm – 6:00 pm: Simulation exercise (Tabletop exercise involving a simulated scenario of multiple outbreaks – Harshini Mukundan, Trond Undheim, Connor Hoffman, Amy Zegart)

6:00 pm – 8:30 pm: Dinner

Day 3: August 9th, 2023

Room 300, 475 Via Ortega, Stanford, CA 94305

7:45 am – 8:30 am: Breakfast and debrief from previous day

8:30 am – 9:30 am: Session 7 (International collaborations, research funding, and educational pipeline – Dan Zimmer, Becky Mackelprang, Hank Greely)

- What areas of the bioeconomy are exciting to researchers, and what US capabilities are for scaling up the biosecurity and bioeconomy workforce, including training programs, education and funding for educational programs, and philanthropic support

9:30 am – 10:00 am: Break

10:00 am – 11:30 am: Session 8 (Terrorism and nation-state capabilities – Stephen Maurer, Allison Berke)

- Past and current threat assessments, what past uses of biological agents imply about future threats

11:30 am – 12:00 pm: Break

12:00 pm – 1:30 pm: Lunch and Session 9 (Worst-case scenarios and compounding effects - climate change, chemical weapons, nuclear weapons – Ann Thresher, Trond Undheim)

- How climate change, nuclear weapons, and chemical weapons can compound the difficulties of biodefense, lead to increased spillover effects, or encourage fear

1:30 pm – 2:00 pm: Break

2:00 pm – 2:30 pm: Travel to Field Trip location (Antheia Bio – 1430 O'Brien Drive, Menlo Park, CA)

2:30 pm – 5:00 pm: Field Trip at Antheia Bio and return from field trip to Stanford

5:00 pm – 8:30 pm: Dinner and Feedback Session at Huang Building, Stanford

Speakers:

- Drew Endy (Martin Family Fellow in Undergraduate Education & Assoc. Professor of Bioengineering, Stanford)
- David Relman (Thomas C. and Joan M. Merigan Professor in Medicine, and Professor of Microbiology & Immunology, and Senior Fellow at the Freeman Spogli Institute for International Studies at Stanford University. He is also Chief of Infectious Diseases at the Veterans Affairs Palo Alto Health Care System in Palo Alto, California)
- Milana Trounce (Clinical Professor of Emergency Medicine, Stanford Medical School)
- Connor Hoffman (Research and Programs Assistant, Freeman Spogli Institute for International Studies, Stanford)
- Allison Berke (Director of Advanced Technology, Stanford Institute for Economic Policy Research)
- Dan Greene (Senior Analyst in Biosafety, Biosecurity, and Emerging Technologies at Gryphon Scientific)
- Megan Palmer (Adjunct Professor of Bioengineering, Stanford)
- Steve Luby (Professor of Medicine (Infectious Diseases) and Senior Fellow at the Woods Institute and the Freeman Spogli Institute and Professor, by Courtesy, of Epidemiology and Population Health, Stanford)
- Harshini Mukundan (Program Manager for Chemical and Biological Technologies, Lawrence Berkeley National Laboratory)
- India Hook-Barnard (Executive Director, Engineering Biology Research Consortium)
- Ann Thresher (Postdoctoral Scholar in Philosophy, Stanford)
- Arielle D'Souza (Endless Frontier Fellow, Institute for Progress)

- Becky Mackelprang (Associate Director for Security Programs, Engineering Biology Research Consortium)
- Jassi Pannu (Internal Medicine Resident Physician, Stanford)
- Michele Barry (Drs. Ben & A. Jess Shenson Professor, Senior Associate Dean, Global Health, Director, Center for Innovation in Global Health, Professor of Medicine, Senior Fellow at Woods and Professor, by Courtesy, of Psychiatry and Behavioral Science, Stanford)
- Hank Greely (Deane F. and Kate Edelman Johnson Professor of Law and Professor, by Courtesy, of Genetics, Stanford)
- Amy Zegart (Morris Arnold and Nona Jean Cox Senior Fellow at the Hoover Institution, Senior Fellow at the Freeman Spogli Institute for International Studies, and Professor, by Courtesy, of Political Science, Stanford)
- Trond Undheim (Research Scholar, Center for International Security and Cooperation, Stanford)
- Herb Lin (Senior Research Scholar, Center for International Security and Cooperation, Stanford)
- Mel Salm (Postdoctoral Scholar, Infectious Diseases, Stanford)