RE-2 Employee Post Travel Disclosure of Travel Expenses

RECEIVED
SECRETARY OF THE SENATE
PUBLIC RECORDS
2024 SEP 17 AM 9:48
Date/Time Stamp

Post Travel Filing Instructions: Complete this form within **30 days** of returning from travel. Submit all forms to the Office of Public Records in 232 Hart Building.**This form is a public disclosure. The form and all attachments will be made publicly available.**

Certification:*In compliance with the Regulations Governing Privately Sponsored Travel, Senate Rule 35, and the Honest Leadership and Open Government Act of 2007, I certify that I accepted the following gift of privately sponsored travel:*

Private Sponsor(s):
Stanford Woods Institute for the Environment

Travel Dates:
08/13/2024 to 08/16/2024

Name of accompanying family member (if any):

Relationship to Traveler:

Expenses

Transportation Expenses	Lodging Expenses	Meals Expenses	Other Expenses (Amount & Description)
$712.00	$398.00	$161.00	$0.00

I also certify that attached to this form are all required documents for post travel disclosure, including:

- **The final Employee Pre-Travel Authorization** (Form RE-1)
- The final **Private Sponsor Travel Certification Form** with all attachments
- The final invitation
- The final approved itinerary

Finally, I certify that all trip information reflected in the attachments above accurately reflects the travel that I accepted. If there were any changes to the trip after I received approval from the Committee, the changes are described in ATTACHMENT 1.

9/16/2024	**Meredith Booker**	Meredith Booker
Date	Printed Name of Traveler	Signature of Traveler

TO BE COMPLETED BY SUPERVISING MEMBER/OFFICER

I have made a determination that the expenses set out above in connections with travel described in the Employee Pre-Travel Authorization form, are necessary transportation, lodging, and related expenses as defined in Rule 35.

09/17/2024	Jeffrey A. Merkley
Date	Signature of Supervising Senator/Officer

ATTACHMENT 1 – CHANGES FROM APPROVED PRE-TRAVEL

Note: Material changes to a trip that occur after the Committee has issued an approval letter may invalidate the Committee's approval. Please contact the Committee with any questions regarding changes to an approved trip.

Were there any changes to the pre-approved travel expenses? (Transportation, Meals, Lodging, Other)?

○ Yes ● No

Expense Change	Revised Amount	Explanation
There were no changes to pre-approved travel expenses.		

Were there any changes to the pre-approved itinerary?

○ Yes ● No

Explanation: There were no changes to the pre-approved itinerary.

Were there any additional changes to the pre-approved trip?

○ Yes ● No

Explanation: There were no additional changes to the pre-approved trip.

RE-1 Employee Pre-Travel Authorization

Date/Time Stamp

Pre-Travel Filing Instructions: Complete and submit this form at least 30 days prior to the travel departure date to the **Select Committee on Ethics in SH-220.** Incomplete and late travel submissions will **not** be considered or approved.

Name of Traveler:
Meredith Booker

Employing Office/Committee: MERKLEY, JEFF

Private Sponsor(s):
Stanford Woods Institute for the Environment

Destination(s):
Menlo Park, California and Standford, California

Travel Dates:
08/13/2024 to 08/16/2024
NOTE: If you plan to extend the trip for any reason you **must** notify the Committee.

Explain how this trip is specifically connected to the traveler's official or representational duties.

As the person in Senator Merkley's office responsible for policy related to wildfire and natural resources, I will benefit from this boot camp and learning more about the causes and potential mitigation strategies of wildfires and wildfire smoke. Information that I learn from this trip will inform my decision making around natural resources, wildfire, and appropriations policy and planning.

Do you have an accompanying family member or spouse on this trip?
No

Name and Relationship to Traveler:
N/A

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

7/23/2024
Date

Signature of Employee

TO BE COMPLETED BY SUPERVISING MEMBER/OFFICER
(President of the Senate, Secretary of the Senate, Sergeant at Arms, Secretary for the Majority, Secretary for the Minority, and Chaplain)

I Jeff Merkley hereby authorize Meredith Booker
(Print Senator's/Officer's Name) (Print Traveler's Name)

an employee under my direct supervision, to accept payment or reimbursement for necessary transportation, lodging, and related expenses for travel to the event described above. I have determined that this travel is in connection with his or her duties as a Senate employee or an officeholder, and will not create the appearance that he or she is using public office for private gain.

I have also determined that the attendance of the employee's spouse or child is appropriate to assist in the representation of the Senate.

☐ (signify "yes" by checking box)

07/23/2024
Date

Signature of Supervising Senator/Officer

Stanford Woods Institute for the Environment: Wildfire Boot Camp

Meredith Booker

Title:
None

Employing Office/Committee:
MERKLEY, JEFF

Duty Station:
WASHINGTON,DC

Destination(s):
Menlo Park, California

Explain how this trip is specifically connected to the traveler's official or representational duties:

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Name of accompanying family member (if any):
Not Entered

Name and Relationship to Traveler:
None

Organization Information

Organization Name
Stanford Woods Institute for the Environment

Is your organization classified as a §501(c)(3)?
○ Yes ● No

§501(c)(3) Organization Type
N/A

Address
Y2E2 Building - MC 4205

Address 2 (Optional)
473 Via Ortega

City, State Zip
Stanford, California 94305 United States

Phone Number
3013189352

Organization URL
woods.stanford.edu

History of Congressional Travel

The Stanford Woods Institute for the Environment has not previously sponsored Congressional staff or Member travel. Stanford's Hoover Institution and the Human Centered Artificial Intelligence Center (HAI) have both been sponsoring similar fellowship and boot camp programs for Congressional staff for several years. For example, HAI's event in 2023 brought a bi-partisan group of 28 staff representing the House and the Senate for a series of discussions led by faculty and other experts affiliated with the Center including Co-Director Fei-Fei Li, Daniel Ho, James Manyika, and Larry Diamond.

Educational Activities

Stanford is a private research university offering both undergraduate and graduate degrees to approximately 17,000 students. Part of the Stanford Doerr School of Sustainability, Woods is the university's hub for interdisciplinary research about the environment. To fulfill our mission of producing breakthrough environmental knowledge and solutions that sustain people and planet today and for generations to come, Woods provides seed grant funding to interdisciplary teams of Stanford researchers, convenes meetings and events bringing together both Stanford and external experts from government, business and NGO communities, and organizes serveral professional and leadership development programs for grad and undergrad Stanford students.

Lobbyist and Foreign Agent Registration Information

Lobbyist Registration Status: *I certify that the sponsor is not a federally registered lobbyist but retain or employ one or more federally registered lobbyists.*

Foreign Agent Registration Status: *I certify that the sponsor is not an agent of a foreign principal and do not retain or employ an agent of a foreign principal.*

Foreign Government Involvement

Foreign Agent Registration Status:

● I certify that the sponsor is not a foreign government.

- ☑ I certify that the sponsor is not an entity that is owned or operated by a foreign government.
- ☑ I certify that the sponsor does not receive funding from a foreign government.

Comments

None Entered

Signature Page

The signature page is below.

Purpose and Details

Provide a brief description of the trip.

The increasing frequency and severity of wildfires in recent years have necessitated that Congress and the federal government focus on identifying effective policies to reduce the risk of wildland fire and its threat to humans and infrastructure. The task is daunting, given the complexities and evolving understanding of wildfire's causes and potential solutions. The Woods Institute hopes to serve newcomers to the issue as well as knowledgable policy veterans with a new Congressional Wildfire Boot Camp. Led by Stanford researchers and other distinguished California fire experts, the bootcamp will offer seminars on the mechanisms and contributing factors that produce mega fires, as well as conditions required to maintain resilient, healthy forests. The agenda also includes meetings and site visits in communities that are working to prepare for and recover from fire events.

Explain how the purpose of the trip relates to your organization's mission.

For two decades, the Woods Institute for the Environment has served as Stanford's hub for interdisciplinary research focused on critical environmental issues. Now a cornerstone of the recently launched Stanford Doerr School of Sustainability, the Institute is expanding its offerings for Congressional staff with new educational opportunities offered by leading experts working at the nexus of research and public policy. Climate resilience and adaptation are at the core of Woods' research focal areas especially to extreme events such as wildfire.

Is your organization the only sponsor for this trip?

☑ Yes ○ No

Grantmaking Organizations (Optional)

There are no grantmaking organizations.

With or Without Regard for Congressional Participation

The trip is arranged or organized specifically with regard to congressional participation.

Lobbyist/Foreign Agent Involvement in Planning, Organizing, Requesting or Arranging

- ☑ The trip will not in any part be planned, organized, requested, or arranged by a registered lobbyist or agent of a foreign principal, other than de minimis involvement.

Lobbyist/Foreign Agent Financing

- ☑ The trip will not be financed in any part by a registered lobbyist or agent of a foreign principal.
- ☑ No funds or in-kind contributions were earmarked directly or indirectly for the purpose of financing this specific trip from a registered lobbyist or agent of a foreign principal or from a private entity that retains or employs one or more registered lobbyists or agents of a foreign principal.

Lobbyist/Foreign Agent Accompaniment

Complete if all sponsors are §501(c)(3) organizations

- ☑ The trip is limited to three days (for trips inside the continental United States) or seven days (for trips outside the continental United States), and no lobbyist or agents of a foreign principal will accompany the Member, officer, or employee at any point throughout the trip

Complete if any of the sponsors is not a §501(c)(3) organizations.

- ○ The trip is limited to three days (for trips inside the continental United States) or seven days (for trips outside the continental United States), and no lobbyist or agents of a foreign principal will accompany the Member, officer, or employee at any point throughout the trip

- ○ The trip is limited to a one-day event (exclusive of travel time and **one** overnight stay) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee on any segment of the trip
- ○ The trip is limited to a one-day event (exclusive of travel time and **two** overnight stays) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee on any segment of the trip

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Certification of No Recreational Activity and No Alcohol

- ● Travel expenses paid for will not include expenditures for recreational activities.
- ● Travel expenses paid for will not include expenditures for alcohol, except as permitted by the Regulations Governing Privately Sponsored Travel.

Invitees

ⓘ Members and staff from the House of Representatives **will** receive invitations.

The list of invitees is below.

Travel Details

Trip Start Date/Time:		Trip End Date/Time:
08/13/2024 @ 08:25 AM	⇄	08/16/2024 @ 12:49 AM

Will the traveler be accompanied by a family member for whom the sponsor will pay travel expenses?

○ Yes ● No

Itinerary

The itinerary is below.

Transportation (Per Member/Officer/Employee: $712.00 | Accompanying Family Member: $0.00)

Transportation Type	Class	Amount
Airfare	Coach	$600.00

Note
Roundtrip airfare to and from Washington, DC and San Francisco, CA

Ground Transportation	Coach	$112.00

Note
mini bus

Lodging (Per Member/Officer/Employee: $398.00)

Check-In	Check-Out	Facility	City	State	Country	Nights	Cost/Night	Cost Exceed Per Diem

Check-In	Check-Out	Facility	City	State	Country	Nights	Cost/Night	Cost Exceed Per Diem
08/13/2024	08/15/2024	Stanford Guest House	Menlo Park	California	United States	2	$199.00	No

Meals (Per Member/Officer/Employee: $161.00)

Date	Breakfast	Lunch	Dinner	Incidentals	Total	City	State	Country	Cost Exceeds Per Diem
08/13/2024	$0.00	$18.00	$39.00	$0.00	**$57.00**	Palo Alto	California	United States	No
08/14/2024	$17.00	$18.00	$34.00	$0.00	**$69.00**	Palo Alto	California	United States	No
08/15/2024	$17.00	$18.00	$0.00	$0.00	**$35.00**	Palo Alto	California	United States	No

Reasonable Miscellaneous Expenses (Per Member/Officer/Employee: $0.00)

Expense Type	Amount	Notes
There are no miscellaneous expenses.		

Additional Attachments All additional attachments are below.

Document Name
Updated Itinerary
Updated wildfire boot camp Itinerary 07.26.24

PRIVATELY SPONSORED TRAVEL

SPONSOR SIGNATURE PAGE

I hereby certify that the information submitted in connection with the trip listed below is true, complete, and correct to the best of my knowledge and belief.

Trip Name: Wildfire Boot Camp

Travel Date(s): August 13-15, 2024

Travel Destination(s): San Francisco, Palo Alto, Boulder Creek, California

Sponsor: Stanford Woods Institute for the Environment

Lea Rosenbohm — *(printed name of sponsor representative)*

Director, Policy & Engagement — *(title)*

Lea Rosenbohm Digitally signed by Lea Rosenbohm Date: 2024.06.13 16:41:10 -04'00' — *(signature of sponsor representative)*

(date)

WOODS WILDFIRE BOOT CAMP - SENATE INVITATION LIST

First Name	Last Name	Title	Office
Paul	Babbitt	Senior Legislative Assistant	Office of Senator Mark Kelly
Adam	Battalio	Legislative Assistant	Office of Senator Mike Braun
Sydney	Beasley	Senior Policy Advisor	Office of Senator Ron Wyden
Nate	Bentham	Policy Advisor	Office of Senator Padilla
Nathan	Bentham	Policy Advisor	Office of Senator Padilla
Renae	Black	Staff Director	Senate Committee on Energy and Natural Resources
Meredith	Booker	Policy Advisor	Office of Senator Jeffrey Merkley
Anais	Borja	Senior Legislative Assistant	Office of Senator Heinrich
David	Brooks	General Counsel	Senate Committee on Energy and Natural Resources
Carlee	Brown	Legislative Assistant	Office of Senator John Hickenlooper
Carissa	Bunge	Policy Advisor	Office of Senator Laphonza Butler
Matthew	Ceja	Policy Adviser	Office of Senator Laphonza Butler
Katie	Devlin	Policy Advisor	Office of Senator Steve Daines
Patrick	Eckroth	Legislative Aide	Office of Senator Maria Cantwell
Jason	Edwards	Legislative Assistant	Office of Senator Patty Murray
Jacob	Egler	Senior Policy Advisor for Natural Resources	Office of Senator Ron Wyden
Ricky	Gonzales	Legislative Aide	Office of Senator Laphonza Butler
Brad	Grantz	Staff Director	Senate Commerce, Science, and Transportation Committee
Lila	Helms	Staff Director	Senate Commerce, Science, and Transportation Committee
Sam	Lane	Legislative Assistant	Office of Senator Manchin
Sean	Lokken	Policy Advisor	Office of Senator Catherine Cortez Masto
Justin	Memmott	Staff Director and Chief Counsel	Senate Committee on Energy and Natural Resources
Sean	Mullin	Professional Staff	Senate Committee on Energy and Natural Resources
Lucas	Smith	Legislative Director	Office of Senator Jeff Merkley
Sarah	Swig	Policy Adviser	Office of Senator Alex Padilla
John	Tanner	Deputy Staff Director for Lands	Senate Committee on Energy and Natural Resources
Tori	Teegarden	Legislative Assistant	Office of Senator JohnBarraso
Melanie	Thornton	Professional Staff	Senate Committee on Energy and Natural Resources
James	Whaley	Legislative Aide	Office of Senator Michael Bennet

Booker, Meredith (Merkley)

From: Lea Rosenbohm <lrosenbo@stanford.edu>
Sent: Friday, May 31, 2024 2:36 PM
To: Booker, Meredith (Merkley)
Cc: Camayia Daniels
Subject: Selection Notification - Stanford Wildfire Boot Camp

Dear Meredith:

Congratulations! On behalf of the Stanford Woods Institute for the Environment, we are pleased to inform you that you have been selected to be part of the inaugural 2024 cohort of the Woods Congressional Wildfire Boot Camp. We are excited by the strong interest and diversity of the applications submitted.

The Boot Camp will begin with a lunch session on Tuesday, August 13 after a morning arrival into SFO from DC and will end on Thursday, August 15 with an evening departure from SFO back to Washington. The Woods Institute will pay for and arrange all aspects of the program including air travel between Washington, DC and San Francisco, food, lodging and ground transportation.

Additional materials will be provided to you within the next few days that will be necessary for you to submit to the Ethics Committee for the required travel pre-approval. In the meantime, please do not hesitate to contact me should you have any questions. We look forward to your participation.

Lea

Lea Rosenbohm
Associate Director, Policy and Engagement
Washington DC Office
Creating practical solutions for people and the planet
Stanford Woods Institute for the Environment
lrosenbohm@stanford.edu
cell: 301.318.9352

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WILDFIRE BOOT CAMP
August 13-16, 2024

Flight Itinerary
August 13 - IAD to SFO on United flight #1116 departing at 8:25am and arriving at 10:59am
August 15 - SFO to IAD on United flight #1849 departing at 4:35pm and arriving at 12:49am (on August 16)

Tuesday, August 13 – (at Stanford)

11:000am Arrivals from DC (United flight #1116- departs IAD at 8:25am)
Check in at hotel, drop bags

12:30-1:30 *Lunch Welcome and Overview*:
Chris Field, Director, Stanford Woods Institute for the Environment
Michael Wara, Director of the Climate and Energy Policy Program, Stanford Woods Institute for the

Introduction to the program with presenters setting the stage for what is to be covered during the event. Participants will learn about why wildfire is a growing safety, economic and public health issue – in directly affected regions as well as thousands of miles away - and receive an overview of each session as well as presenters.

1:30-2:30 *Climate and Weather*:
Noah Diffenbaugh, Senior Fellow, Stanford Woods Institute for the Environment
Park Williams, Professor, University of California, Los Angeles (UCLA)

This session will broadly address climate, weather and the role these factors play in preventing, predicting and mitigating wildfires. Participants will learn about our changing climate and how weather conditions such as winds, temperature and humidity can adversely or positively affect fire behavior.

2:30-3:30 *Wildfire and Human Impacts*
Marshall Burke, Associate Professor, Stanford Doerr School of Sustainability
Michael Wara, Director of the Climate and Energy Policy Program, Stanford Woods Institute for the
Gabrielle Wong Parodi, Assistant Professor, the Stanford Doerr School of Sustainability

Participants will hear from experts on the human health effects resulting from wildfire exposures. This includes measurable public health outcomes such as increased emergency room visits, aggravated respiratory issues and cardiovascular incidents as well as immediate and longer-term social and mental health effects to communities and individuals.

3:30 Break

4:00-5:00 *Forest Health*
Chris Field, Director, Stanford Woods Institute for the Environment
Malcolm North, Associate Professor Forest Ecology, University of California, Davis

A healthy forest is better able to withstand and resist damage from extreme wildfires. This session will focus on forest health indicators, covering topics such as drought effects on vegetation, invasive species and destructive pests, and the role of biodiversity in ecosystems.

5:00-7:00 Dinner

7:00 Return to hotel

Wednesday, August 14 – at Stanford

8:15-9:00 Hotel pick up and breakfast

9:00-10:00 *Fire Management and Prescribed Burn:*
Crystal Kolden, Associate Professor, Management of Complex Systems, University of California, Merced
Lenya Quinn Davidson, Fire Advisor and the Fire Network Director, University of California Agriculture and Natural Resources (UCANR)

Fire science experts will provide a background history on forest/wildfire management along with current scientific knowledge related to best practices. They will focus on prescribed burns as a management tool to create healthy forests that are more resilient to extreme wildfire events and which recover more quickly when burned.

10:00-11:00 *Tribal Resource Management and Cultural Burning:*
Tony Marks-Block, Assistant Professor, Department of Anthropology, Geography, and Environmental Studies at California State University
Sara Clark, Partner, Shute, Mihaly & Weinberger, LLP

Indigenous tribes practiced what is known as prescribed or selective burning for millennia to manage forests and landscapes, ensuring that sufficient resources were available to sustain both livelihoods and cultural activities. This practice was outlawed with the passage of the *1850 Act*

for the Government and Protection of Indians. Tribal and Traditional Ecological Knowledge experts will discuss the resurgence of cultural burning as part of Tribal landback and sovereignty efforts as well as the now widely acknowledged acceptance of the practice as a key wildfire mitigation strategy.

11:00-11:30 Break

11:30-12:30 *Other Approaches to Fire Reduction:*
Cody Hill, Associate Director, Resilience and Emergency Response, Dept. of Sustainability, Utilities & Infrastructure, Stanford University
Bodie Cabiyo, Social Science Resource Scholar, Stanford Woods Institute for the Environment

Fire resource managers will share current best practices to reduce the incidence of wildland fires along with some of the alternative strategies now being deployed. New technologies for fire prediction as well as landscape treatment will also be discussed.

12:30-1:30 Lunch

1:30-2:30 Wildfire *Workforce*
Kelly Martin, International Association of Wildland Fire

The most critical component of wildfire fighting is the human workforce: wildland firefighters who are on the ground engaged in combatting fires as well as those who develop strategies and direct their efforts. Participants will learn what is being done to recruit and retain these invaluable frontline workers and improve their labor conditions including economic benefits, training and career opportunities, and physical and mental health care.

2:30-3:30 *Community Mitigation:*
Sarah McCaffrey, U.S. Forest Service *(retired)*
Kim Guiliacci, Division Chief / Fire Marshal / Fire Investigator, Woodside Fire Protection District

To prevent fire devastation to humans and property, the best defense is a good offense, particularly in communities which are identified at high fire risk. These communities can engage in group actions to better prepare and prevent a fire-borne disaster such as clearing vegetation to create defensible space, undertaking home hardening projects, educating residents and developing evacuation plans. This session will focus on community-based efforts to improve fire safety and discuss how similar programs can be more widely adopted.

3:30-4:00 Break

4:00-5:00 *Insurance:*
Nancy Watkins, Principal and consulting actuary, Milliman
Penny Liao, Fellow, Resources for the Future

As climate change related disasters like wildfires increase and cause billions of dollars in property damages, insurers are pulling coverage for homeowners and businesses where their losses are significant. California offers a 'plan of last resort' for individuals or entities who aren't eligible for traditional coverage, but even that system is failing. Insurance experts will discuss the state of the industry and potential pathways to provide consumers with insurance coverage options that are equitable and affordable.

5:00-7:30 Dinner with Speaker
Tyson Bertone-Riggs, Alliance for Wildfire Resilience

To discuss efforts to operationalize the recommendations of the Wildland Fire Mitigation and Management Commission

Thursday, August 15 – Off Campus (Site visits to Burn sites and Field Trip to Santa Cruz)
8:00 Bus departs Stanford

8:00-9:30 Bus trip from Stanford to Big Basin State Park
Chris Field, Director, Stanford Woods Institute for the Environment
Michael Wara, Director of the Climate and Energy Policy Program, Stanford Woods Institute for the

Background and overview of the site visits during trip to Big Basin State Park

9:30-11:00 Big Basin State Park site visit
Talk with: ***Chief George Morris***, Northern Region Fire Chief, Cal Fire

The group will tour the park burn site and hear from resource managers about the effects of the CZU Lightning Complex fire including damages to the forest ecosystem, the immediate aftermath and ongoing recovery of the redwoods.

11:00 Leave Big Basin State Park

11:30-1:00 Boulder Creek area site visit
Talk with: ***Chief George Morris***, Northern Region Fire Chief, Cal Fire

Participants will view residential burn sites and hear from municipal managers and residents about the effects of the CZU Lightning Complex fire – the damages to property and infrastructure, effects on the community/individual residents and ongoing recovery efforts.

1:00	Program Ends Depart Boulder Creek for SFO - Boxed lunches on bus
4:35	Depart SFO on United flight #1849

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WILDFIRE BOOT CAMP
August 13-16, 2024

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The group will tour the park burn site and hear from resource managers about the effects of the CZU Lightning Complex fire including damages to the forest ecosystem, the immediate aftermath and ongoing recovery of the redwoods.

11:00 Leave Big Basin State Park

11:30-1:00 Boulder Creek area site visit
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Participants will view residential burn sites and hear from municipal managers and residents about the effects of the CZU Lightning Complex fire – the damages to property and infrastructure, effects on the community/individual residents and ongoing recovery efforts.

1:00 Program Ends
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4:35 Depart SFO on United flight #1849

Stanford | Woods Institute for the Environment

WILDFIRE BOOT CAMP
August 13-16, 2024

Flight Itinerary
August 13 - IAD to SFO on United flight #1116 departing at 8:25am and arriving at 10:59am
August 15 - SFO to IAD on United flight #1849 departing at 4:35pm and arriving at 12:49am (on August 16)

Tuesday, August 13 – (at Stanford)

11:000am Arrivals from DC (United flight #1116- departs IAD at 8:25am)
Check in at hotel, drop bags

12:30-1:30 *Lunch Welcome and Overview*:
Chris Field, Director, Stanford Woods Institute for the Environment
Michael Wara, Director of the Climate and Energy Policy Program, Stanford Woods Institute for the

Introduction to the program with presenters setting the stage for what is to be covered during the event. Participants will learn about why wildfire is a growing safety, economic and public health issue – in directly affected regions as well as thousands of miles away - and receive an overview of each session as well as presenters.

1:30-2:30 *Climate and Weather*:
Noah Diffenbaugh, Senior Fellow, Stanford Woods Institute for the Environment
Park Williams, Professor, University of California, Los Angeles (UCLA)

This session will broadly address climate, weather and the role these factors play in preventing, predicting and mitigating wildfires. Participants will learn about our changing climate and how weather conditions such as winds, temperature and humidity can adversely or positively affect fire behavior.

2:30-3:30 *Wildfire and Human Impacts*
Marshall Burke, Associate Professor, Stanford Doerr School of Sustainability
Michael Wara, Director of the Climate and Energy Policy Program, Stanford Woods Institute for the
Gabrielle Wong Parodi, Assistant Professor, the Stanford Doerr School of Sustainability

Participants will hear from experts on the human health effects resulting from wildfire exposures. This includes measurable public health outcomes such as increased emergency room visits, aggravated respiratory issues and cardiovascular incidents as well as immediate and longer-term social and mental health effects to communities and individuals.

3:30 Break

4:00-5:00 *Forest Health*
Chris Field, Director, Stanford Woods Institute for the Environment
Malcolm North, Associate Professor Forest Ecology, University of California, Davis

A healthy forest is better able to withstand and resist damage from extreme wildfires. This session will focus on forest health indicators, covering topics such as drought effects on vegetation, invasive species and destructive pests, and the role of biodiversity in ecosystems.

5:00-7:00 Dinner

7:00 Return to hotel

Wednesday, August 14 – at Stanford

8:15-9:00 Hotel pick up and breakfast

9:00-10:00 *Fire Management and Prescribed Burn:*
Crystal Kolden, Associate Professor, Management of Complex Systems, University of California, Merced
Lenya Quinn Davidson, Fire Advisor and the Fire Network Director, University of California Agriculture and Natural Resources (UCANR)

Fire science experts will provide a background history on forest/wildfire management along with current scientific knowledge related to best practices. They will focus on prescribed burns as a management tool to create healthy forests that are more resilient to extreme wildfire events and which recover more quickly when burned.

10:00-11:00 *Tribal Resource Management and Cultural Burning:*
Tony Marks-Block, Assistant Professor, Department of Anthropology, Geography, and Environmental Studies at California State University
Sara Clark, Partner, Shute, Mihaly & Weinberger, LLP

Indigenous tribes practiced what is known as prescribed or selective burning for millennia to manage forests and landscapes, ensuring that sufficient resources were available to sustain both livelihoods and cultural activities. This practice was outlawed with the passage of the *1850 Act*

for the Government and Protection of Indians. Tribal and Traditional Ecological Knowledge experts will discuss the resurgence of cultural burning as part of Tribal landback and sovereignty efforts as well as the now widely acknowledged acceptance of the practice as a key wildfire mitigation strategy.

11:00-11:30 Break

11:30-12:30 *Other Approaches to Fire Reduction:*
Cody Hill, Associate Director, Resilience and Emergency Response, Dept. of Sustainability, Utilities & Infrastructure, Stanford University
Bodie Cabiyo, Social Science Resource Scholar, Stanford Woods Institute for the Environment

Fire resource managers will share current best practices to reduce the incidence of wildland fires along with some of the alternative strategies now being deployed. New technologies for fire prediction as well as landscape treatment will also be discussed.

12:30-1:30 Lunch

1:30-2:30 Wildfire *Workforce*
Kelly Martin, International Association of Wildland Fire

The most critical component of wildfire fighting is the human workforce: wildland firefighters who are on the ground engaged in combatting fires as well as those who develop strategies and direct their efforts. Participants will learn what is being done to recruit and retain these invaluable frontline workers and improve their labor conditions including economic benefits, training and career opportunities, and physical and mental health care.

2:30-3:30 *Community Mitigation:*
Sarah McCaffrey, U.S. Forest Service *(retired)*
Kim Guiliacci, Division Chief / Fire Marshal / Fire Investigator, Woodside Fire Protection District

To prevent fire devastation to humans and property, the best defense is a good offense, particularly in communities which are identified at high fire risk. These communities can engage in group actions to better prepare and prevent a fire-borne disaster such as clearing vegetation to create defensible space, undertaking home hardening projects, educating residents and developing evacuation plans. This session will focus on community-based efforts to improve fire safety and discuss how similar programs can be more widely adopted.

3:30-4:00 Break

4:00-5:00 *Insurance:*
Nancy Watkins, Principal and consulting actuary, Milliman
Penny Liao, Fellow, Resources for the Future

As climate change related disasters like wildfires increase and cause billions of dollars in property damages, insurers are pulling coverage for homeowners and businesses where their losses are significant. California offers a 'plan of last resort' for individuals or entities who aren't eligible for traditional coverage, but even that system is failing. Insurance experts will discuss the state of the industry and potential pathways to provide consumers with insurance coverage options that are equitable and affordable.

5:00-7:30 Dinner

Thursday, August 15 – Off Campus (Site visits to Burn sites and Field Trip to Santa Cruz)
8:00 Bus departs Stanford

8:00-9:30 Bus trip from Stanford to Big Basin State Park
Chris Field, Director, Stanford Woods Institute for the Environment
Michael Wara, Director of the Climate and Energy Policy Program, Stanford Woods Institute for the

Background and overview of the site visits during trip to Big Basin State Park

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