RE-2 Employee Post Travel Disclosure of Travel Expenses

Date/Time Stamp

[redacted]

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 Institute for Human-Centered Artificial Intelligence (HAI)

Travel Dates:
08/05/2024 to 08/08/2024

Name of accompanying family member (if any):

Relationship to Traveler:

Expenses

Transportation Expenses	Lodging Expenses	Meals Expenses	Other Expenses (Amount & Description)
$744.40	$735.00	$203.50	$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.

8/29/2024
Date

Chad Johnson
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.

8/29/2024
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
Transportation	$744.40	Final transportation costs were $744.40 $626.50 for RT Economy airfare + $117.90 for ground transportation

Were there any changes to the pre-approved itinerary?

● Yes ○ No

Explanation: On Monday, August 5th, session 2 (Mitigating Risk: Implementing Safe & Robust AI) we added Judy Shen, PhD Candidate in Computer Science, Stanford University as a moderator for the panel On Monday, August 5th, session 3 (The Fuel of AI: Data [and its Perils]) we added Neel Guha, JD-PhD Candidate in Computer Science, Stanford University as a moderator for the panel On Monday, August 5th, session 4 (The Role of Compute and Chips) we added Drew Spence, Policy Program Manager, Stanford HAI as a moderator for the panel On Tuesday, August 6th, session 2 (Transforming Healthcare Through Innovation) we added Caroline Meinhardt, Policy Research Manager, Stanford HAI as a moderator for the panel On Tuesday, August 6th, session 5 (The Role of Business: Policy Implications of Industry Leadership in AI) we added Sarah Guo, Founder and Managing Partner, Conviction to the session as a panelist and DJ Patil, former Chief Data Scientist of the US as a moderator On Tuesday, August 6th, session 6 (AI's Global Impact on Democracy and Governance) we added Russell Wald, Deputy Director, Stanford HAI as a moderator On Wednesday, August 7th, session 1 (Digital Dupes: How AI is Distorting Truth Through Synthetic Media and Deepfakes) we added Elena Cryst, Director of Policy & Society, Stanford HAI as a moderator On Wednesday, August 7th, session 4 (Stanford Robotics Center Visit) we added Steve Cousins, Executive Director of the Stanford Robotics Center as a speaker On Wednesday, August 7th, session 5 (Understanding the Governance of Foundation Models) we added Jennifer King, Privacy and Data Policy Fellow, Stanford HAI as a speaker

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

7-3-2024

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:
Chad Johnson

Employing Office/Committee:
HAWLEY, JOSH

Private Sponsor(s):
Stanford Institute for Human-Centered Artificial Intelligence (HAI)

Destination(s):
Palo Alto, California

Travel Dates:
08/05/2024 to 08/08/2024
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.

This trip will help inform the office's legislative priorities, particularly regarding mitigating AI risk, regulating foundation models, and studying the impact of AI on healthcare, education, and online harm.

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.

7-3-2024
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 Senator Josh Hawley hereby authorize Chad Johnson
(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)

7-3-2024
Date

Signature of Supervising Senator/Officer

Stanford Institute for Human-Centered Artificial Intelligence (HAI): 2024 Stanford HAI Congressional Boot Camp on AI

Chad Johnson

Title:
None

Employing Office/Committee:
HAWLEY, JOSH

Duty Station:
WASHINGTON,DC

Destination(s):
Palo Alto, California

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

This trip will help inform the office's legislative priorities, particularly regarding mitigating AI risk, regulating foundation models, and studying the impact of AI on healthcare, education, and online harm.

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

Name and Relationship to Traveler:
None

Organization Information

Organization Name
Stanford Institute for Human-Centered Artificial Intelligence (HAI)

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

§501(c)(3) Organization Type
N/A

Address
353 Jane Stanford Way

Address 2 (Optional)
None

City, State Zip
Stanford, California 94305 United States

Phone Number
415-617-5389

Organization URL
https://hai.stanford.edu/

History of Congressional Travel

Stanford University has hosted technology related boot camps since 2014 for congressional staff. Past boot camps focused on AI and cybersecurity and featured speakers including Stanford faculty.

Educational Activities

Stanford University is 501(C)3 and one of the world's leading research and teaching institutions. Stanford University is the sole sponsor of the trip. Stanford will be providing the lodging, venue, and meals as part of the boot camp and will be designing and organizing all the sessions for the boot camp.

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 Stanford Institute for Human-Centered AI (HAI) designed the Congressional Boot Camp on AI to equip staffers with the knowledge needed to think critically about tech policy.

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

Stanford University seeks to promote the public welfare by exercising an influence on behalf of humanity through teaching and rigorous scholarship. Through briefings and learning engagements, Stanford faculty will provide congressional staff with the knowledge needed to think critically on tech policy.

Is your organization the only sponsor for this trip?

- [x] 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

- [x] 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

- [x] The trip will not be financed in any part by a registered lobbyist or agent of a foreign principal.
- [x] 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

- [x] 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

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

Certification of No Recreational Activity and No Alcohol

- [x] Travel expenses paid for will not include expenditures for recreational activities.
- [x] 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:
08/05/2024 @ 10:00 AM

⇄

Trip End Date/Time:
08/08/2024 @ 07:30 PM

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: $1,200.00 | Accompanying Family Member: $0.00)

Transportation Type	Class	Amount
Airfare	Coach	$1,000.00
Ground Transportation	N/A	$200.00

Lodging (Per Member/Officer/Employee: $735.00)

Check-In	Check-Out	Facility	City	State	Country	Nights	Cost/Night	Cost Exceed Per Diem
08/05/2024	08/08/2024	Hotel Citrine	Palo Alto	California	United States	3	$245.00	No

Meals (Per Member/Officer/Employee: $203.50)

Date	Breakfast	Lunch	Dinner	Incidentals	Total	City	State	Country	Cost Exceeds Per Diem
08/05/2024	$12.75	$13.50	$25.50	$3.75	**$55.50**	Palo Alto	California	United States	No
08/06/2024	$17.00	$18.00	$34.00	$5.00	**$74.00**	Palo Alto	California	United States	No
08/07/2024	$17.00	$18.00	$34.00	$5.00	**$74.00**	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

Document Name
There are no additional attachments.

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: Stanford HAI Congressional Boot Camp on AI

Travel Date(s): August 5, 2024 - August 8, 2024

Travel Destination(s): Stanford, CA

Sponsor: Stanford University

Russell Wald — *(printed name of sponsor representative)*

Deputy Director — *(title)*



(signature of sponsor representative)

06/25/2024 — *(date)*

STANFORD HAI AI BOOT CAMP HOUSE PARTICIPANT LIST				
Last Name	**First Name**	**Title**	**Office**	**Chamber**
Gottesman	Aaron	Chief Counsel & Policy Advisor	Office of Senator Joni Ernst	Senate
Chacha	Eliazar	Counsel to Senator Laphonza Butler of California	Senate Judiciary Committee	Senate
Katz	Max	Policy Advisor	Senator Heinrich	Senate
Johnson	Chad	Legislative Assistant	Sen. Hawley	Senate
Murguía	Ryan	Legislative Director & Chief Counsel	Office of U.S. Senator Joe Manchin III	Senate
Gandlur	Shreyas	Policy Advisor	Sen. Ron Wyden	Senate
Peard	Bowen	Defense Policy Advisor	Office of Senator Chris Murphy (CT)	Senate
Smith	Cameron	Military Legislative Assistant	Senator John Fetterman (D-PA)	Senate
Burdette	Paul	Senior Legislative and Policy Analyst	Senate Committee on Foreign Relations	Senate
Molling	Nick	Counsel	Senator Cassidy	Senate
Lewis	Christy	Counsel, Lead on AI & Cybersecurity	Senate Commerce Committee (Min, Cruz), Consumer Protection Sub	Senate

0000000006767 RECEIVED BY: SECRETARY OF THE SENATE Date: September 04, 2024

Stanford University
Human-Centered
Artificial Intelligence

Wednesday, June 26, 2024

Dear Chad,

On behalf of the Stanford Institute for Human-Centered Artificial Intelligence (HAI), I am pleased to welcome you to the Stanford HAI Congressional Boot Camp on Artificial Intelligence which will take place August 5-7, 2024 at Stanford University.

Emerging digital technologies will be among the most consequential forces of the 21st century: they will transform economies, challenge legal and political norms, and reconfigure society. Further, we understand the vital role Congressional staff play in shaping and developing policy on critical technology areas such as artificial intelligence (AI). Rapid advancements in AI make it challenging for many to keep up with a quickly evolving field. That is why the Stanford Institute for Human-Centered AI (HAI) specifically designed the Congressional Boot Camp on Artificial Intelligence to explore the latest in AI developments, equipping participants with the comprehensive knowledge needed to think critically about regulating and governing this emerging technology.

The bicameral, bipartisan Boot Camp consists of many sessions unpacking how to mitigate AI risk, understanding and regulating foundation models, and the impact of AI on healthcare, education, climate, and online harm. It also includes an interactive, three-hour National Security Council simulation surrounding the deployment of AI in a crisis situation. Each session will feature world-class scholars from Stanford University, leaders from Silicon Valley, and pioneers from civil society organizations.

To confirm your attendance, please **submit your ethics forms by Friday, July 5th and alert HAI's policy program manager (dkspence@stanford.edu) that you have done so**. In the meantime, please mark your calendar and contact Drew if you have any questions. We will be booking your roundtrip airfare in the coming days and also reserving a room for you at the Hotel Citrine in Palo Alto for three nights (August 5-7th). We look forward to welcoming you to Stanford this August.

Sincerely,



Daniel Zhang
Senior Manager for Policy Initiatives

Stanford University
Human-Centered
Artificial Intelligence

Stanford HAI Congressional Boot Camp on Artificial Intelligence Syllabus [DRAFT]

August 5-7, 2024

Course Description:

Emerging digital technologies—in particular artificial intelligence (AI)—are among the most consequential forces of the 21st century. They are transforming economies, challenging legal and political norms, and reconfiguring society. Governments attempting to navigate this era must adapt regulatory regimes, social safety nets, fiscal policies, taxation, and foreign affairs as digital technologies continue to reshape labor markets, business, the distribution of economic rewards, and the global balance of power.

Congressional staff play a key role in shaping and developing policy on critical technology areas such as AI, yet rapid advancements in AI make it challenging for many to keep up with the quickly evolving field. The Stanford Institute for Human-Centered AI (HAI) designed this boot camp specifically for congressional staff to explore the latest in AI developments, equipping participants with the comprehensive knowledge needed to think critically about regulating and governing this emerging technology.

AI is not solely a technical matter, though it is easy for policy analysts and others to get lost in the technical details. Understanding the impact of AI on society is a multifaceted enterprise that requires expertise from computer science, economics, law, medicine, political science, psychology, and a host of other disciplines. To that end, the boot camp draws upon the knowledge of multidisciplinary AI experts in academia, as well as leaders from civil society and industry.

The bicameral, bipartisan Boot Camp consists of many sessions unpacking how to mitigate AI risk, understanding and regulating foundation models, and the impact of AI on healthcare, education, climate, and online harm. It also includes an interactive, three-hour National Security Council simulation surrounding the deployment of AI in a crisis situation. Each session will feature world-class scholars from Stanford University, leaders from Silicon Valley, and pioneers from civil society organizations. We hope all participants will leave the boot camp with the conceptual framework needed to address the emerging technology landscape today and better anticipate the challenges of tomorrow.

MONDAY, AUGUST 5

Time	Agenda Item
7:01 am ET	*Flight Departure from D.C. (UA 1927, IAD→SFO)*
9:48 am	*Flight Arrival to SFO*
9:48-11:00 am	*Travel to hotel and campus*
11:00 am	*Program Commences*
11:00-11:15 am	**Welcome & Introduction:** *Session Description: Stanford HAI staff will welcome congressional staffers to campus and provide an overview of why the boot camp was created and what Stanford HAI hopes for participants to gain.* **Speaker:** ● Russell Wald, Deputy Director, Stanford HAI
11:15-12:15 pm	**Session 1:** ***Mapping the AI Landscape*** ● *Session Description: This session will cover the basic concepts of AI, including compute power, neural networks, narrow vs. general AI, gradient descent, and more. It will also provide a bird's-eye view of the AI landscape, covering different AI techniques such as deep learning, computer vision, natural language processing, and supervised and unsupervised learning. Participants will walk away with a greater understanding of the primary aspects of AI and be better prepared for the boot camp.* **Speaker:** ● Peter Norvig, Distinguished Education Fellow, Stanford HAI
12:15-1:15 pm	**Session 2:** ***Mitigating Risk: Implementing Safe & Robust AI*** *Session Description: The consequences of deploying robust AI and decision-making technologies in safety-critical systems such as driverless vehicles and autonomous aircraft are enormous. Challenges for AI developers range from biased inputs, constantly evolving conditions, and explainability issues, among others. This session will discuss the obstacles developers face as well as the difficult—and often politically fraught—decisions they make around operational efficiency and how they define acceptable risk parameters.*

	Speakers: • Mykel Kochenderfer, Associate Professor of Aeronautics and Astronautics and, by courtesy, of Computer Science, Stanford University; Faculty Affiliate, Stanford HAI • Sanmi Koyejo, Assistant Professor of Computer Science, Stanford University; Faculty Affiliate, Stanford HAI
1:15-1:30 pm	*Break*
1:30-2:30 pm	**Session 3:** ***The Fuel of AI: Data (and Its Perils)*** *Session Description: Contemporary AI technologies run on data, but AI developers face significant obstacles in acquiring and cleaning data. In addition, developers must do their best to ensure data's inherent biases (and their non-obvious proxies) are accounted for in their AI systems. Moreover, different social values around privacy, data ownership, and data creation impact what AI technologies are possible. This session will dive into how the data policies developed today will shape the technologies of tomorrow.* **Speakers:** • Jennifer King, Privacy & Data Policy Fellow, Stanford HAI, *invited* • Julian Nyarko, Professor of Law, Stanford University; Faculty Affiliate, Stanford HAI
2:30-3:30 pm	**Session 4:** ***The Role of Compute*** *Session Description: This session highlights how computational power directly influences the capabilities and efficiency of AI systems, impacting everything from machine learning model training times to the sophistication of AI applications. Policymakers are introduced to key concepts such as the high-performance computing chips, trade-offs between computational demands and energy consumption, and the strategic importance of compute in national competitiveness in AI.* **Speakers:** • Kunle Olukotun, Cadence Design Systems Professor of Electrical Engineering and of Computer Science, Stanford University; Faculty Affiliate, Stanford HAI • H.-S. Philip Wong, Willard R. and Inez Kerr Bell Professor in the School of Engineering, Stanford University, *invited*

3:30-3:45 pm	*Break*
3:45-4:45 pm	**Session 5:** ***AI, Automation, and the Future of Work*** *Session Description: AI and automation will have a rippling effect on today's workforce and the future of work. Mainstream narratives forecast AI will displace workers and funnel profits up to a select few. Alternatively, AI has the potential to augment and supercharge labor, ensuring the benefits of AI are spread and enjoyed widely. This session dives into deeper detail regarding what exactly we should expect as AI and automation integrate into the economy and the subsequent consequences for the workforce. The panelists will also discuss how policies can reshape and guide what the future holds.* **Speakers:** ● Erik Brynjolfsson, Director, Stanford Digital Economy Lab; Jerry Yang and Akiko Yamazaki Professor and Senior Fellow, Stanford HAI; Ralph Landau Senior Fellow, Stanford Institute for Economic Policy Research
4:45-5:30 pm	**Session 6:** ***Understanding the Basics of Foundation Models*** *Session Description: Recently, a paradigm for building AI systems has emerged: train one model on a huge amount of data and adapt it to numerous applications. We have deemed such a model a foundation model (such as ChatGPT). This session unpacks how foundation models were created and deployed, the requirements to build one, expected and unexpected consequences of these models, and other hot topics surrounding the use of large AI models.* ***Speaker:*** ● Percy Liang, Associate Professor of Computer Science, Stanford University; Director, Stanford Center for Research on Foundation Models; Senior Fellow, Stanford HAI
5:30-7:00 pm	**Dinner:** **Fireside Chat** ***Cutting Edge: AI Developments that are Steering the Future*** *Session Description: The rapid advancements in AI in recent years have shocked the world. From models generating realistic images from scratch to ambient technologies that enhance the human condition, the possibilities of what AI can do for humanity are endless. Understanding today's cutting-edge AI will help steer tomorrow's innovation. This session will dive into what is on the horizon of AI advancements and how these technologies can be leveraged to benefit society.*

	Speakers: ● Fei-Fei Li, Sequoia Professor of Computer Science, Stanford University; Denning Co-Director, Stanford HAI ● James Manyika, Vice Chair, National Artificial Intelligence Advisory Committee; Advisory Council Member, Stanford HAI; Senior Vice President, Research, Technology & Society, Google
7:00-7:30 pm	*Bus pickup at Gates → hotel*

TUESDAY, AUGUST 6

Time	Agenda Item
8:15 am	*Bus pickup at hotel → Gates*
8:45 am	*Check-In Open*
8:45-9:00 am	**Breakfast/Debrief** *Session Description: Stanford HAI staff will lead a discussion debriefing the key concepts that staffers learned in earlier sessions. They will also offer a preview of Day 2 and leave ample time for questions.* **Speakers:** ● Daniel Zhang, Senior Manager for Policy Initiatives, Stanford HAI ● Drew Spence, Policy Program Manager, Stanford HAI
9:00-10:00 am	**Session 1:** ***Revolutionizing the Classroom: How AI Is Advancing Education*** *Session Description: AI has the potential to dramatically improve education. From teacher support to personalized student engagement, AI could democratize extraordinary teaching and learning. But dangers and concerns loom. Collecting data from children raises privacy concerns, and current inequities in the education system might be exacerbated by the introduction of AI. This session will look into how AI can be leveraged to improve the education system without causing harm to teachers and students.* **Speakers:** ● Isabelle Hau, Associate Professor of Computer Science, Stanford University; Faculty Affiliate, Stanford HAI ● Dan Schwartz, I. James Quillen Dean and Nomellini & Olivier Professor of Educational Technology
10:00-10:15 am	*Break*
10:15-11:15 am	**Session 2:** ***Transforming Healthcare Through Innovation*** *Session Description: Some of the most exciting advances of this technological wave are focused on healthcare: faster and better diagnoses, enhanced therapies, increased hospital standards which reduce patient harms, and protein folding which has the potential to cure debilitating diseases. Healthcare is on the cusp of a revolution that will advance human well-being. At the same time, the*

	United States faces an incredible shortage of qualified healthcare workers, lacks proper evaluation of medical devices, and struggles with unclear liability risk/clinician responsibility. These mounting challenges raise the question, can AI help "save" the U.S. healthcare system? This session will highlight the coming changes in healthcare, the opportunities and risks AI presents, and how policies can ensure safe and robust health systems. **Speakers:** • Alyce Adams, Medicine Innovation Professor, Professor of Epidemiology and Population Health, of Health Policy, and, by courtesy, of Pediatrics, Stanford University, *invited* • Curtis Langlotz, Professor of Radiology and Biomedical Informatics, Stanford University; Director, Center for Artificial Intelligence in Medicine and Imaging (AIMI); Associate Director, Stanford HAI • Michelle Mello, Professor of Law, Stanford University; Faculty Affiliate, Stanford HAI
11:15-12:15 pm	**Session 3:** ***The Neuroscience of Addiction and Implications for an AI-Powered Digital World*** *Session Description: This is a time of unprecedented access to high-reward, high-dopamine stimuli: drugs, food, news, gambling, shopping, gaming, texting, Facebooking, Instagramming, YouTubing, tweeting . . . The increased numbers, variety, and potency are staggering, exacerbated by the integration of AI on those platforms. As such, we've all become vulnerable to compulsive overconsumption. Yet, it is possible to find contentment and connectedness by keeping dopamine in check. This session will provide a practical, science-informed approach to addressing the impact of AI on addiction and the compulsive overconsumption of everything from food, to sex, to video games.* **Speakers:** • Anna Lembke, Professor of Psychiatry and Behavioral Science, Stanford School of Medicine; Chief of the Stanford Addiction Medicine Dual Diagnosis Clinic, *invited*
12:15-1:00 pm	*Lunch Break*
1:00-2:00 pm	**Session 4:** ***Modernizing a Mammoth: Use-Cases of Public Sector AI*** *Session Description: The U.S. government is in great need of a technological upgrade. From streamlining administrative processes to providing personalized*

	services to constituents, there is ample opportunity for AI to help government agencies achieve their missions. However, integrating AI into the government is not as easy as obtaining and deploying the technology. Talent, infrastructure, public trust, and morale play equally important roles in ensuring the successful modernization of government. This session will dive into current use-cases of AI in government, the challenges and successes of these cases, and how to improve the integration of new technologies that will help the government serve its citizens. **Speakers:** ● Daniel Ho, William Benjamin Scott and Luna M. Scott Professor of Law, Stanford Law School; Director, Stanford Regulation, Evaluation, and Governance Lab; Faculty Associate Director, Stanford HAI
2:00 pm	*Bus pickup at Gates → hotel*
4:30 pm	*Bus pickup at hotel → Hoover*
4:30-5:30 pm	**Session 5:** ***The Role of Business: Policy Implications of Industry Leadership in AI*** *Session Description: Silicon Valley, which is home to venture capital, startups, and leading tech firms, is a global center of tech innovation. From the startup lab to the boardrooms of major companies, this session will bring together startup founders and tech executives to map out Silicon Valley's innovation ecosystem, discuss its vibrancy, and critically think about the consequences of AI developments on society. Panelists will offer their perspectives on starting, funding, and running successful companies as well as providing counsel to companies on ensuring ethical business practices.* **Speakers:** ● Rachel Gillum, Vice President of Ethical & Humane Use of Technology, Salesforce ● Navrina Singh, CEO and Founder, CredoAI ● TBD
5:30-6:30 pm	**Reception**
6:30-8:00 pm	**Keynote Dinner:** *Session Description: The introduction of AI into society has had ripple effects on governments worldwide. Disinformation spreading on digital platforms—further amplified by AI—has had real-world consequences on democracy. Additionally,*

	authoritarian countries are leveraging AI to further surveil and control their populations. The future of democracy hangs in the balance of making sure AI is used to affirm democratic systems and reinforce norms and values for the betterment of humanity. This dinner discussion will unpack the complexities of AI as it intertwines with different governments and considers how to ensure democracy prevails in a digital world. **Speakers:** ● Fei-Fei Li, Sequoia Professor of Computer Science, Stanford University; Denning Co-Director, Stanford HAI ● Mariano-Florentino (Tino) Cuéllar, President of the Carnegie Endowment for International Peace; Visiting Scholar, Stanford University
8:00 pm	*Bus pickup at Hoover → hotel*

WEDNESDAY, AUGUST 7

Time	Agenda Item
7:45 am	*Bus pickup at hotel → Gates*
8:15 am	*Check-In Open*
8:15-8:30 am	**Breakfast/Debrief** *Session Description: Stanford HAI staff will lead a discussion debriefing the key concepts that staffers learned in earlier sessions. They will also offer a preview of Day 2 and leave ample time for questions.* **Speakers:** ● Daniel Zhang, Senior Manager for Policy Initiatives, Stanford HAI ● Drew Spence, Policy Program Manager, Stanford HAI
8:30-9:30 am	**Session 1:** ***Digital Dupes: How AI is Distorting Truth Through Synthetic Media and Deepfakes*** *Session Description: The rapid spread of disinformation has challenged societies and deepened mistrust, threatening to erode democratic values. Furthermore, synthetic media from the advent of generative AI has created deceptively realistic images and videos—known as deepfakes—that are indistinguishable from reality. These developments are leading to an information crisis where consumers are becoming less certain of the veracity of the content they encounter. This session will dive into how AI has changed the information economy and how policy can help protect people from fake content.* **Speakers:** ● Riana Pfefferkorn, Research Fellow, Stanford HAI ● Michael Tomz, William Bennett Munro Professor of Political Science, Stanford University; Senior Fellow, Stanford Institute for Economic Policy Research; Faculty Affiliate, Stanford HAI, *invited*
9:30-10:30 am	**Session 2:** ***The Possibilities and Pitfalls of AI and Climate Sustainability*** *Session Description: The risks and threats stemming from global climate change are becoming a growing issue for policymakers. At the same time, the rapid advancements of AI have presented possible opportunities to use this technology to help tackle our greatest climate challenges, from achieving net-zero emissions to preparing for extreme weather events. Conversely, AI continues to increasingly*

	rely on compute power, which is an energy-intensive resource and contributes to the emission of CO2. As a result, there is mounting concern around AI's environmental impact, drawing attention to the cost-benefit analysis of AI advancements. This session will unpack how AI can be used to help confront climate change while also better understanding AI's own ripple effects in the environment. **Speakers:** • Marshall Burke, Associate Professor of Global Environmental Policy, Stanford University, *invited* • Ram Rajagopal, Associate Professor of Civil and Environmental Engineering, Stanford University • David Loebell, Benjamin M. Page Professor of Earth System Science, Stanford University, invited
10:30 am - 2:00 pm	**Simulation:** ***AI in a National Security Crisis*** *Session Description: In this 3-hour National Security Council simulation, staffers will respond to a crisis situation in the Taiwan Strait involving the potential deployment of AI for national security purposes.* **Speakers:** • Harold Trinkunas, Center for International Security and Cooperation at the Freeman Spogli Institute for International Studies at Stanford University
2:00-3:00 pm	**Session 3:** ***National Security*** *Session Description: Spying has never been more ubiquitous—or less understood. This crisis in intelligence education is fueling conspiracy theories and hurting intelligence policy. At the same time, AI is introducing new opportunities to strengthen U.S. intelligence capabilities, but only if decision makers understand how the U.S. intelligence community and AI technologies actually work. This session will separate fact from fiction as panelists discuss the past, present, and future of American espionage and how AI is creating an adapt-or-fail moment for U.S. intelligence agencies.* **Speakers:** • Amy Ziegart, Senior Fellow, Stanford Freeman Spogli Institute for International Studies; Morris Arnold and Nona Jean Cox Senior Fellow, Hoover Institution; Associate Director, Stanford HAI

3:00-4:00 pm	**Stanford Robotics Lab Visit** **Speakers:** ● TBD
4:00-4:15 pm	*Break*
4:15-5:15 pm	**Session 5:** ***Understanding the Governance of Foundation Models*** *Session Description: Foundation models are at the center of the global discourse on AI: the emerging technological paradigm has a concrete and growing impact on the economy, policy, and society. As governments around the world explore governance initiatives regarding the ethical and responsible deployment of foundation models, this session analyzes the evolving landscape of regulations, guidelines, and best practices and provides insights into key considerations for effective governance, including transparency, accountability, and inclusivity.* **Speakers:** ● Rishi Bommasani, Society Lead, Stanford Center for Research on Foundation Models ● Daniel Zhang, Senior Manager for Policy Initiatives, Stanford HAI
5:15-7:00 pm	**Closing Dinner**
7:30 pm	*Bus → hotel*

THURSDAY, AUGUST 8

Time	Agenda Item
5:45 am	*Shuttle Leaves Hotel to SFO Airport*
8:15 am	*Flight Departure from San Francisco (UA 1954, SFO→IAD)*
4:20 pm	*Flight Arrival to IAD*

AI Congressional Bootcamp FAQ

Travel Information

Monday, August 5 7:01 am ET – 9:48 am PT	United Airlines Flight #1927 IAD to SFO
Thursday, August 7, 8:15 am PT – 4:20 pm ET	United Airlines Flight #2497 SFO to IAD

Accommodations

Hotel Citrine, a Marriott Tribute Portfolio
750 San Antonio Rd, Palo Alto, CA 94303

Check in: August 5, 2023
Check out: August 7, 2023

Who are the points of contacts for the boot camp?

- Daniel Zhang, Stanford HAI Senior Manager for Policy Initiatives, 415-347-0027
- Drew Spence, Stanford HAI Policy Program Manager, 619-301-3795

What is the dress code for the boot camp?

Smart casual (yes, jeans are acceptable!) for the duration of the boot camp except for the keynote dinner on Wednesday, August 9, where business professional is preferred.

What meals will be provided during the boot camp?

Monday, August 5: Lunch and dinner
Tuesday, August 6: Breakfast, lunch, and dinner
Wednesday, August 7: Breakfast, lunch, and dinner

What is Palo Alto weather like in August?

Palo Alto enjoys comfortable temperatures in August, with highs in the 70s and lows in the 50s. There is little to no rain or humidity. August is also wildfire season in Northern California meaning that, while it is unlikely, some outdoor programming may have to be moved indoors.

Will discussions be recorded, and will there be press at the event?

Press are not invited to the daytime panels, and discussions will not be recorded. There may be some media present at the keynote dinner and the panel titled “The Role of Business: Policy Implications of Industry Leadership in AI.”

If you are interested in speaking with the media about your experience at the boot camp and how it relates to your work on the Hill, please let Daniel or Drew know. Please also note that

all sessions will be under Chatham House Rule except for the industry session and keynote dinner.

What are the ground transportation logistics?
Drew will be at San Francisco International Airport when you arrive on August 5. We will have a shuttle bus to take the group to the hotel and another shuttle from the hotel to campus. We will have shuttles ready to transport participants to and from the hotel and campus throughout the boot camp.

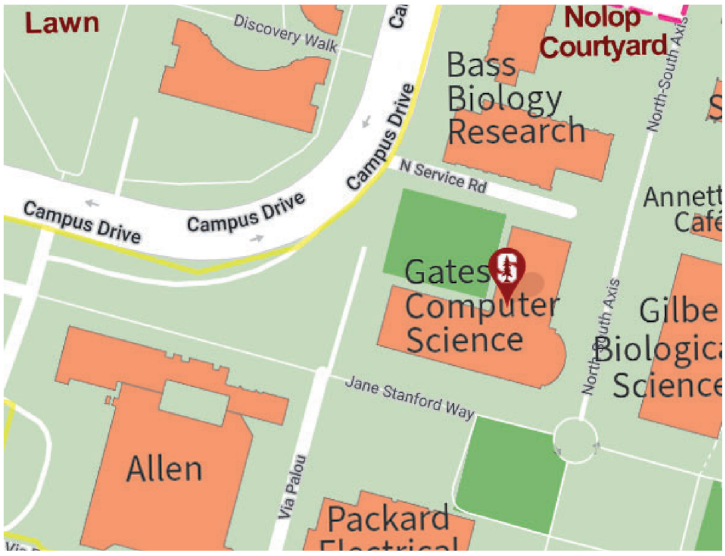
Will you cover the cost of my transportation to and from the DC airports?
Unfortunately we cannot cover the cost of your Uber, Lyft, or taxi to IAD on August 7 as it does not comply with ethics rules. Covering the cost of this transportation would start the 72-hour clock, and our current programming consists of 72 full hours. This is the only expense you will need to cover. We apologize for any inconvenience. Please contact Daniel and Drew if this presents a challenge and we will find a way to best accommodate you.

Stanford Campus Map
Full interactive map can be found here.

Day 1:
Gates Computer Science,
353 Jane Stanford Way

Day 2:
Gates Computer Science,
353 Jane Stanford Way

Day 3:
Gates Computer Science,
353 Jane Stanford Way



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Stanford University
Human-Centered
Artificial Intelligence

Stanford HAI Congressional Boot Camp on Artificial Intelligence Syllabus [FINAL] (Updates highlighted)

August 5-7, 2024

Course Description:

Emerging digital technologies—in particular artificial intelligence (AI)—are among the most consequential forces of the 21st century. They are transforming economies, challenging legal and political norms, and reconfiguring society. Governments attempting to navigate this era must adapt regulatory regimes, social safety nets, fiscal policies, taxation, and foreign affairs as digital technologies continue to reshape labor markets, business, the distribution of economic rewards, and the global balance of power.

Congressional staff play a key role in shaping and developing policy on critical technology areas such as AI, yet rapid advancements in AI make it challenging for many to keep up with the quickly evolving field. The Stanford Institute for Human-Centered AI (HAI) designed this boot camp specifically for congressional staff to explore the latest in AI developments, equipping participants with the comprehensive knowledge needed to think critically about regulating and governing this emerging technology.

AI is not solely a technical matter, though it is easy for policy analysts and others to get lost in the technical details. Understanding the impact of AI on society is a multifaceted enterprise that requires expertise from computer science, economics, law, medicine, political science, psychology, and a host of other disciplines. To that end, the boot camp draws upon the knowledge of multidisciplinary AI experts in academia, as well as leaders from civil society and industry.

The bicameral, bipartisan Boot Camp consists of many sessions unpacking how to mitigate AI risk, understanding and regulating foundation models, and the impact of AI on healthcare, education, climate, and online harm. It also includes an interactive, three-hour National Security Council simulation surrounding the deployment of AI in a crisis situation. Each session will feature world-class scholars from Stanford University, leaders from Silicon Valley, and pioneers from civil society organizations. We hope all participants will leave the boot camp with the conceptual framework needed to address the emerging technology landscape today and better anticipate the challenges of tomorrow.

MONDAY, AUGUST 5

Time	Agenda Item
7:01 am ET	*Flight Departure from D.C. (UA 1927, IAD→SFO)*
9:48 am PT	*Flight Arrival to SFO*
9:48 am – 11:00 am	*Travel to campus*
11:00 am	*Program Commences*
11:00 am – 11:15 am	**Welcome & Introduction:** *Session Description: Stanford HAI staff will welcome congressional staffers to campus and provide an overview of why the boot camp was created and what Stanford HAI hopes for participants to gain.* **Speaker:** ● Russell Wald, Deputy Director, Stanford HAI
11:15 am - 12:15 pm	**Session 1:** ***Mapping the AI Landscape*** *Session Description: This session will cover the basic concepts of AI, including compute power, neural networks, narrow vs. general AI, gradient descent, and more. It will also provide a bird's-eye view of the AI landscape, covering different AI techniques such as deep learning, computer vision, natural language processing, and supervised and unsupervised learning. Participants will walk away with a greater understanding of the primary aspects of AI and be better prepared for the boot camp.* **Speaker:** ● Peter Norvig, Distinguished Education Fellow, Stanford HAI
12:15 pm - 1:15 pm	**Session 2:** ***Mitigating Risk: Implementing Safe & Robust AI*** *Session Description: The consequences of deploying robust AI and decision-making technologies in safety-critical systems such as driverless vehicles and autonomous aircraft are enormous. Challenges for AI developers range from biased inputs, constantly evolving conditions, and explainability issues, among others. This session will discuss the obstacles developers face as well as the difficult—and often politically fraught—decisions they make around operational*

	efficiency and how they define acceptable risk parameters. **Speakers:** • Mykel Kochenderfer, Associate Professor of Aeronautics and Astronautics and, by courtesy, of Computer Science, Stanford University; Faculty Affiliate, Stanford HAI • Sanmi Koyejo, Assistant Professor of Computer Science, Stanford University; Faculty Affiliate, Stanford HAI • Judy Shen (moderator), PhD Candidate in Computer Science, Stanford University
1:15 pm - 1:30 pm	*Break*
1:30 pm - 2:30 pm	**Session 3:** ***The Fuel of AI: Data (and Its Perils)*** *Session Description: Contemporary AI technologies run on data, but AI developers face significant obstacles in acquiring and cleaning data. In addition, developers must do their best to ensure data's inherent biases (and their non-obvious proxies) are accounted for in their AI systems. Moreover, different social values around privacy, data ownership, and data creation impact what AI technologies are possible. This session will dive into how the data policies developed today will shape the technologies of tomorrow.* **Speakers:** • Alex "Sandy" Pentland, Toshiba Professor of Media Arts and Sciences and Professor of Information Technology, MIT Management Sloan School; Visiting Scholar, Stanford Digital Economy Lab • Julian Nyarko, Professor of Law, Stanford Law School; Senior Fellow and Associate Director, Stanford HAI • Neel Guha (moderator), JD-PhD Candidate in Computer Science, Stanford University
2:30 pm - 3:30 pm	**Session 4:** ***The Role of Compute and Chips*** *Session Description: This session highlights how computational power directly influences the capabilities and efficiency of AI systems, impacting everything from machine learning model training times to the sophistication of AI applications. Policymakers are introduced to key concepts such as the high-performance computing chips, trade-offs between computational demands and energy*

	consumption, and the strategic importance of compute in national competitiveness in AI. **Speakers:** • Kunle Olukotun, Cadence Design Systems Professor of Electrical Engineering and Professor of Computer Science, Stanford University; Faculty Affiliate, Stanford HAI • Azalia Mirhoseini, Assistant Professor of Computer Science, Stanford University • Drew Spence (moderator), Policy Program Manager, Stanford HAI
3:30 pm - 3:45 pm	*Break*
3:45 pm - 4:30 pm	**Session 5:** ***Understanding the Basics of Foundation Models*** *Session Description: Recently, a paradigm for building AI systems has emerged: train one model on a huge amount of data and adapt it to numerous applications. We have deemed such a model a foundation model (such as ChatGPT). This session unpacks how foundation models were created and deployed, the requirements to build one, expected and unexpected consequences of these models, and other hot topics surrounding the use of large AI models.* ***Speaker:*** • Percy Liang, Associate Professor of Computer Science and, by courtesy, of Statistics, Stanford University; Director, Stanford Center for Research on Foundation Models; Senior Fellow, Stanford HAI
4:30 pm - 4:45 pm	*Break/Transition Outside*
4:45 pm - 5:30 pm	**Session 6:** **Fireside Chat - *Cutting Edge: AI Developments that are Steering the Future*** *Session Description: The rapid advancements in AI in recent years have shocked the world. From models generating realistic images from scratch to ambient technologies that enhance the human condition, the possibilities of what AI can do for humanity are endless. Understanding today's cutting-edge AI will help steer tomorrow's innovation. This session will dive into what is on the horizon of AI advancements and how these technologies can be leveraged to benefit society.*

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	Speakers: ● Fei-Fei Li, Sequoia Professor of Computer Science, Stanford University; Denning Co-Director, Stanford HAI ● James Manyika, President, Research, Technology & Society, Google and Alphabet; Co-Chair, the U.N. Secretary General's Members of the High-level Advisory Body on Artificial Intelligence; Advisory Council Member, Stanford HAI
5:30 pm - 7:00 pm	*Dinner*
7:00 pm	*Bus pickup at Gates → hotel*

TUESDAY, AUGUST 6

Time	Agenda Item
8:15 am	*Bus pickup at hotel → Gates*
8:45 am	*Check-In Open*
8:45 am - 9:00 am	**Breakfast/Debrief** *Session Description: Stanford HAI staff will lead a discussion debriefing the key concepts that staffers learned in earlier sessions. They will also offer a preview of Day 2 and leave ample time for questions.* **Speakers:** ● Daniel Zhang, Senior Manager for Policy Initiatives, Stanford HAI ● Drew Spence, Policy Program Manager, Stanford HAI
9:00 am - 10:00 am	**Session 1:** ***Revolutionizing the Classroom: How AI Is Advancing Education*** *Session Description: AI has the potential to dramatically improve education. From teacher support to personalized student engagement, AI could democratize extraordinary teaching and learning. But dangers and concerns loom. Collecting data from children raises privacy concerns, and current inequities in the education system might be exacerbated by the introduction of AI. This session will look into how AI can be leveraged to improve the education system without causing harm to teachers and students.* **Speakers:** ● Victor R. Lee, Associate Professor of Education, Stanford Graduate School of Education; Faculty Lead on AI and Education, Stanford Accelerator for Learning; Faculty Affiliate, Stanford HAI ● Daniel Schwartz, I. James Quillen Dean and Nomellini & Olivier Professor of Educational Technology, Stanford Graduate School of Education; The Halper Family Faculty Director, Stanford Accelerator for Learning; Faculty Affiliate, Stanford HAI ● Isabelle Hau (moderator), Executive Director, Stanford Accelerator for Learning
10:00 am - 10:15 am	*Break*

10:15 am - 11:15 am	**Session 2:** ***Transforming Healthcare Through Innovation*** *Session Description: Some of the most exciting advances of this technological wave are focused on healthcare: faster and better diagnoses, enhanced therapies, increased hospital standards which reduce patient harms, and protein folding which has the potential to cure debilitating diseases. Healthcare is on the cusp of a revolution that will advance human well-being. At the same time, the United States faces an incredible shortage of qualified healthcare workers, lacks proper evaluation of medical devices, and struggles with unclear liability risk/clinician responsibility. These mounting challenges raise the question, can AI help "save" the U.S. healthcare system? This session will highlight the coming changes in healthcare, the opportunities and risks AI presents, and how policies can ensure safe and robust health systems.* **Speakers:** ● Alyce Adams, Medicine Innovation Professor and Professor of Epidemiology and Population Health, of Health Policy, and, by courtesy, of Pediatrics, Stanford University ● Curtis Langlotz, Professor of Radiology, of Medicine, and of Biomedical Data Science, Stanford University; Director, Center for Artificial Intelligence in Medicine and Imaging; Senior Fellow and Associate Director, Stanford HAI ● Michelle Mello, Professor of Law and Health Policy, Stanford University; Faculty Affiliate, Stanford HAI ● Caroline Meinhardt (Moderator), Policy Research Manager, Stanford HAI
11:15 am - 12:15 pm	**Session 3:** ***AI, Automation, and the Future of Work*** *Session Description: AI and automation will have a rippling effect on today's workforce and the future of work. Mainstream narratives forecast AI will displace workers and funnel profits up to a select few. Alternatively, AI has the potential to augment and supercharge labor, ensuring the benefits of AI are spread and enjoyed widely. This session dives into deeper detail regarding what exactly we should expect as AI and automation integrate into the economy and the subsequent consequences for the workforce. The panelists will also discuss how policies can reshape and guide what the future holds.* **Speakers:** ● Erik Brynjolfsson, Director, Stanford Digital Economy Lab; Jerry Yang and Akiko Yamazaki Professor and Senior Fellow, Stanford HAI; Ralph Landau Senior Fellow, Stanford Institute for Economic Policy Research

12:15 pm - 1:00 pm	*Lunch Break*
1:00 pm - 2:00 pm	**Session 4:** ***Modernizing a Mammoth: Use-Cases of Public Sector AI*** *Session Description: The U.S. government is in great need of a technological upgrade. From streamlining administrative processes to providing personalized services to constituents, there is ample opportunity for AI to help government agencies achieve their missions. However, integrating AI into the government is not as easy as obtaining and deploying the technology. Talent, infrastructure, public trust, and morale play equally important roles in ensuring the successful modernization of government. This session will dive into current use-cases of AI in government, the challenges and successes of these cases, and how to improve the integration of new technologies that will help the government serve its citizens.* **Speakers:** ● Daniel Ho, William Benjamin Scott and Luna M. Scott Professor of Law, Stanford Law School; Director, Stanford Regulation, Evaluation, and Governance Lab; Senior Fellow, Stanford HAI and Stanford Institute for Economic Policy Research
2:00 pm	*Bus pickup at Gates → hotel*
4:00 pm	*Bus pickup at hotel → Hoover*
4:30 pm - 5:30 pm	**Session 5:** ***The Role of Business: Policy Implications of Industry Leadership in AI*** *Session Description: Silicon Valley, which is home to venture capital, startups, and leading tech firms, is a global center of tech innovation. From the startup lab to the boardrooms of major companies, this session will bring together startup founders and tech executives to map out Silicon Valley's innovation ecosystem, discuss its vibrancy, and critically think about the consequences of AI developments on society. Panelists will offer their perspectives on starting, funding, and running successful companies as well as providing counsel to companies on ensuring ethical business practices.* **Speakers:** ● Rachel Gillum, Vice President of Ethical & Humane Use of Technology, Salesforce ● Sarah Guo, Founder and Managing Partner, Conviction

	• Michael Kratsios, Former Chief Technology Officer of the United States; Managing Director, ScaleAI; Distinguished Policy Fellow, Stanford HAI • Navrina Singh, CEO and Founder, CredoAI • DJ Patil (moderator), Former Chief Data Scientist of the United States; General Partner, GreatPoint Ventures
5:30 pm - 6:30 pm	**Debrief Reception** *Session Description: Participants will have an opportunity to ask more specific questions of the panelists that participated in session 5. This will be an opportunity to foster a more in-depth conversation with the participants and the panelists and share takeaways that may be relevant for session 6.*
6:30 pm - 8:00 pm	**Session 6:** **Keynote Dinner - AI's Global Impact on Democracy and Governance** *Session Description: The introduction of AI into society has had ripple effects on governments worldwide. Disinformation spreading on digital platforms—further amplified by AI—has had real-world consequences on democracy. Additionally, authoritarian countries are leveraging AI to further surveil and control their populations. The future of democracy hangs in the balance of making sure AI is used to affirm democratic systems and reinforce norms and values for the betterment of humanity. This dinner discussion will unpack the complexities of AI as it intertwines with different governments and considers how to ensure democracy prevails in a digital world.* **Speakers:** • Amy Zegart, Morris Arnold and Nona Jean Cox Senior Fellow, Hoover Institution; Senior Fellow, Stanford Freeman Spogli Institute of International Studies; Senior Fellow and Associate Director, Stanford HAI • Mariano-Florentino (Tino) Cuéllar, President, Carnegie Endowment for International Peace; Visiting Professor, Stanford Law School; Advisory Council Member, Stanford HAI • Fei-Fei Li, Sequoia Professor of Computer Science, Stanford University; Denning Co-Director, Stanford HAI • Russell Wald (moderator), Deputy Director, Stanford HAI
8:00 pm	*Bus pickup at Hoover → hotel*

WEDNESDAY, AUGUST 7

Time	Agenda Item
7:45 am	*Bus pickup at hotel → Gates*
8:15 am	*Check-In Open*
8:15 am - 8:30 am	**Breakfast/Debrief** *Session Description: Stanford HAI staff will lead a discussion debriefing the key concepts that staffers learned in earlier sessions. They will also offer a preview of Day 3 and leave ample time for questions.* **Speakers:** ● Daniel Zhang, Senior Manager for Policy Initiatives, Stanford HAI ● Drew Spence, Policy Program Manager, Stanford HAI
8:30 am - 9:30 am	**Session 1:** ***Digital Dupes: How AI is Distorting Truth Through Synthetic Media and Deepfakes*** *Session Description: The rapid spread of disinformation has challenged societies and deepened mistrust, threatening to erode democratic values. Furthermore, synthetic media from the advent of generative AI has created deceptively realistic images and videos—known as deepfakes—that are indistinguishable from reality. These developments are leading to an information crisis where consumers are becoming less certain of the veracity of the content they encounter. This session will dive into how AI has changed the information economy and how policy can help protect people from fake content.* **Speakers:** ● Riana Pfefferkorn, Policy Fellow, Stanford HAI ● Dave Willner, Non-Resident Fellow, Program on Governance of Emerging Technologies, Stanford Cyber Policy Center ● Elena Cryst (moderator), Director of Policy and Society, Stanford HAI
9:30 am - 10:30 am	**Session 2:** ***The Possibilities and Pitfalls of AI and Climate Sustainability***

	Session Description: The risks and threats stemming from global climate change are becoming a growing issue for policymakers. At the same time, the rapid advancements of AI have presented possible opportunities to use this technology to help tackle our greatest climate challenges, from achieving net-zero emissions to preparing for extreme weather events. Conversely, AI continues to increasingly rely on compute power, which is an energy-intensive resource and contributes to the emission of CO2. As a result, there is mounting concern around AI's environmental impact, drawing attention to the cost-benefit analysis of AI advancements. This session will unpack how AI can be used to help confront climate change while also better understanding AI's own ripple effects in the environment. **Speakers:** • Marshall Burke, Associate Professor, Stanford Doerr School of Sustainability; Senior Fellow, Stanford Freeman Spogli Institute of International Studies, Stanford Woods Institute for the Environment, and Stanford Institute for Economic Policy Research • Ram Rajagopal, Associate Professor of Civil and Environmental Engineering and, by courtesy, of Electrical Engineering, Stanford University; Faculty Affiliate, Stanford HAI • Vanessa Parli (moderator), Director of Research, Stanford HAI
10:30 am - 10:45 am	*Break*
10:45 am - 12:15 pm	**Simulation: Briefing and Phase 1** *Session Description: In this 3-hour National Security Council simulation, staffers will respond to a crisis situation in the Taiwan Strait involving the potential deployment of AI for national security purposes.* **Facilitators:** • Jacob Ganz, Program Manager, Wargaming and Crisis Simulation Initiative, Hoover Institution • Drew Spence, Policy Program Manager, Stanford HAI • Harold Trinkunas, Deputy Director and Senior Research Scholar, Stanford Center for International Security and Cooperation
12:15 pm - 12:30 pm	*Working Lunch*
12:30 pm -	**Simulation: Phase 2 and Outbrief**

2:00 pm	*Session Description: In this 3-hour National Security Council simulation, staffers will respond to a crisis situation in the Taiwan Strait involving the potential deployment of AI for national security purposes.* **Facilitators:** • Jacob Ganz, Program Manager, Wargaming and Crisis Simulation Initiative, Hoover Institution • Drew Spence, Policy Program Manager, Stanford HAI • Harold Trinkunas, Deputy Director and Senior Research Scholar, Stanford Center for International Security and Cooperation
2:00 pm - 3:00 pm	**Session 3:** ***How AI Will Shape the Future of International Security and U.S. Intelligence*** *Session Description: AI is introducing new opportunities to strengthen U.S. intelligence and national security capabilities. However, it is crucial for policymakers to grasp the inner workings of both the U.S. national security framework and AI technologies to leverage these advancements effectively. Modern espionage, for example, is more pervasive yet less understood than ever, leading to misinformation and policy missteps. This session will separate fact from fiction as panelists discuss the past, present, and future of American espionage and how AI is creating an adapt-or-fail moment for international security and U.S. intelligence.* **Speakers:** • Brad Boyd, Visiting Fellow, Hoover Institution • Amy Zegart, Morris Arnold and Nona Jean Cox Senior Fellow, Hoover Institution; Senior Fellow, Stanford Freeman Spogli Institute of International Studies; Senior Fellow and Associate Director, Stanford HAI • Harold Trinkunas (moderator), Deputy Director and Senior Research Scholar, Stanford Center for International Security and Cooperation
3:00 pm - 3:15 pm	*Break*
3:15 pm - 4:15 pm	**Session 4:** **Stanford Robotics Center Visit** *Session Description: This session offers a unique opportunity to witness firsthand the latest advancements in robotics research and development. Participants will learn the history of automation, explore innovative*

	applications of robotics in various fields, from healthcare to autonomous systems, engage demonstrations, and understand their potential impact on society. **Speakers:** ● Steve Cousins, Executive Director, Stanford Robotics Center
4:15-4:30 pm	*Break*
4:30-5:30 pm	**Session 5:** ***Understanding the Governance of Foundation Models*** *Session Description: Foundation models are at the center of the global discourse on AI: the emerging technological paradigm has a concrete and growing impact on the economy, policy, and society. As governments around the world explore governance initiatives regarding the ethical and responsible deployment of foundation models, this session analyzes the evolving landscape of regulations, guidelines, and best practices and provides insights into key considerations for effective governance, including transparency, copyrights, and privacy.* **Speakers:** ● Rishi Bommasani, Society Lead, Stanford Center for Research on Foundation Models; PhD Candidate of Computer Science, Stanford University ● Jennifer King, Privacy and Data Policy Fellow, Stanford HAI ● Mark Lemley, William H. Neukom Professor of Law, Stanford Law School; Director, Program in Law, Science and Technology, Stanford University; Faculty Affiliate, Stanford HAI ● Daniel Zhang (moderator), Senior Manager for Policy Initiatives, Stanford HAI
5:30 pm - 7:00 pm	**Closing Dinner**
7:30 pm	*Bus → hotel*

THURSDAY, AUGUST 8

Time	Agenda Item
5:45 am	*Shuttle Leaves Hotel to SFO Airport*
8:15 am	*Flight Departure from San Francisco (UA 1954, SFO→IAD)*
4:20 pm	*Flight Arrival to IAD*

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