



U.S. House of Representatives COMMITTEE ON ETHICS

Employee Post-Travel Disclosure Form

Original Amendment

This form is for disclosing the receipt of travel expenses from private sources for travel taken in connection with official duties. This form does not eliminate the need to report privately-funded travel on the annual *Financial Disclosure Statements* of those employees required to file them. In accordance with House Rule 25, clause 5, you must complete this form and *file it with the Clerk of the House, B-81 Cannon House Office Building*, within 15 days after travel is completed. Please *do not* file this form with the Committee on Ethics.

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

1. Name of Traveler: Eli Woerpel
2. a. Name of Accompanying Relative: _____ OR None
 b. Relationship to Traveler: Spouse Child Other (specify): _____
3. a. Dates: Departure: April 24, 2019 Return: April 26, 2019
 b. Dates at Personal Expense, if any: _____ OR None
4. Departure City: Washington, DC Destination: Boston, MA Return City: Washington, DC
5. Sponsor(s), Who Paid for the Trip: Massachusetts Institute of Technology
6. Describe Meetings and Events Attended: Energy Options & Economic Opportunities for Decarbonization
7. Attached to this form are *each* of the following, signify that each item is attached by checking the corresponding box:
 - a. a completed *Sponsor Post-Travel Disclosure Form*;
 - b. the *Primary Trip Sponsor Form* completed by the trip sponsor *prior* to the trip, including all attachments and the *Grantmaking or Non-Grantmaking Sponsor Forms*;
 - c. page 2 of the completed *Traveler Form* submitted by the employee; *and*
 - d. the letter from the Committee on Ethics approving my participation on this trip.
8. a. I represent that I participated in each of the activities reflected in the attached sponsor's agenda.
Signify statement is true by checking the box:
 b. If not, explain: _____

LEGISLATIVE RESOURCE CENTER
2019 MAY -6 AM 10:10
OFFICE OF THE CLERK
U.S. HOUSE OF REPRESENTATIVES

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

Signature of Traveler: [Signature] Date: 5-6-19

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

Name of Supervising Member: Rep. Denver Riggleman Date: 5-6-19

Signature of Supervising Member: [Signature]

11



U.S. House of Representatives

COMMITTEE ON ETHICS

Sponsor Post-Travel Disclosure Form

Original Amendment

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

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

1. Sponsor(s) who paid for the trip: The Massachusetts Institute of Technology

2. Travel Destination(s): Cambridge, MA

3. Date of Departure: April 24, 2019 Date of Return: April 26, 2019

4. Name(s) of Traveler(s): Tim Daniels, James Langenderfer, Andrew Robreno, Eli Woerpel

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

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

	Total Transportation Expenses	Total Lodging Expenses	Total Meal Expenses	Total Other Expenses (dollar amount per item and description)
Traveler	\$382.35	624.90 (incl. taxes)	180.17	
Accompanying Family Member				

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

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

Signature: Kerry A. Emanuel Date: May 3, 2019

Name: Kerry Emanuel Title: Cecil & Ida Green Professor

Organization: Massachusetts Institute of Technology

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

Address: 77 Massachusetts Avenue, 54-1820, Cambridge, MA 02139

Telephone: 617 253 9397 Email: emanuel@mit.edu

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

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



U.S. House of Representatives

COMMITTEE ON ETHICS

Primary Trip Sponsor Form

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

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

1. Sponsor who will be paying for the trip: The Massachusetts Institute of Technology
2. I represent that the trip will not be financed, in whole or in part, by a registered federal lobbyist or foreign agent. Signify that the statement is true by checking box:
3. **Check only one.** I represent that:
 - a. The primary trip sponsor has not accepted from any other source, funds intended directly or indirectly to finance any aspect of the trip: OR
 - b. The trip is arranged without regard to congressional participation and the primary trip sponsor has accepted funds only from entities that will receive a tangible benefit in exchange for those funds: OR
 - c. The primary trip sponsor has accepted funds from other source(s) intended directly or indirectly to finance all or part of this trip and has enclosed disclosure forms from each of those entities.
If "c" is checked, list the names of the additional sponsors: ClearPath, Inc. a 501 (c)(3) organization
4. Provide names and titles of ALL House Members *and* employees you are inviting. For each House invitee, provide an explanation of why the individual was invited (include additional pages if necessary): See enclosed
5. Is travel being offered to an accompanying family member of the House invitee(s)? Yes No
6. Date of Departure: Wednesday, April 24, 2019 Date of Return: Friday, April 26, 2019
7.
 - a. City of departure: Washington, DC
 - b. Destination(s): Cambridge, MA
 - c. City of return: Washington, DC
8. **Check only one.** I represent that:
 - a. The sponsor of the trip is an institution of higher education within the meaning of section 101 of the Higher Education Act of 1965: OR
 - b. The sponsor of the trip does not retain or employ a registered federal lobbyist or foreign agent: OR
 - c. The sponsor employs or retains a registered federal lobbyist or foreign agent, but the trip is for attendance at a one-day event *and* lobbyist / foreign agent involvement in planning, organizing, requesting, or arranging the trip was *de minimis* under the Committee's travel regulations.
9. **Check only one of the following:**
 - a. I checked 8(a) or (b) above:
 - b. I checked 8(c) above but am not offering any lodging:
 - c. I checked 8(c) above and am offering lodging and meals for one night: OR
 - d. I checked 8(c) above and am offering lodging and meals for two nights: If you checked this box, explain why the second night of lodging is warranted: _____



U.S. House of Representatives

COMMITTEE ON ETHICS

10. Attached is a detailed agenda of the activities House invitees will be participating in during the travel (i.e., an hourly description of planned activities for trip invitees). *Indicate agenda is attached by checking box:*
11. *Check only one of the following:*
- a. I represent that a registered federal lobbyist or foreign agent will not accompany House Members or employees on any segment of the trip. *Signify that the statement is true by checking box:* OR
 - b. *Not Applicable.* Trip sponsor is a U.S. institution of higher education:
12. For *each* sponsor required to submit a sponsor form, describe the sponsor's interest in the subject matter of the trip *and* its role in organizing and/or conducting the trip:
The Massachusetts Institute of Technology is a non-profit research university with multiple departments working on cutting-edge energy & climate technology & related policy. ClearPath, Inc. is a 501(c)(3) nonprofit organization dedicated to accelerate conservative clean energy solutions by working with academia, policy makers & private sector
13. *Answer parts a and b. Answer part c if necessary:*
- a. Mode of travel: Air Rail Bus Car Other (specify: taxi)
 - b. Class of travel: Coach Business First Charter Other (specify: _____)
 - c. If travel will be first class, or by chartered or private aircraft, explain why such travel is warranted:

14. I represent that the expenditures related to local area travel during the trip will be unrelated to personal or recreational activities of the invitee(s). *Signify that the statement is true by checking box:*
15. *Check only one.* I represent that either:
- a. The trip involves an event that is arranged or organized *without regard* to congressional participation and that meals provided to congressional participants are similar to those provided to or purchased by other event attendees: OR
 - b. The trip involves events that are arranged specifically *with regard* to congressional participation:
 If "b" is checked:
 - 1) Detail the cost *per day* of meals (approximate cost may be provided): 4/24/19 = approx. \$110.00;
4/25/19 = approx. \$165.00; 4/26/19 = approx. \$ 50.00
 - 2) Provide the reason for selecting the location of the event or trip: Seminar is being held on the MIT campus to enable extensive participation by MIT faculty and provide access to MIT laboratories.
16. Name, nightly cost, and reasons for selecting each hotel or other lodging facility:
- Hotel Name: Residence Inn, CambridgeMarriott City: Cambridge, MA Cost Per Night: \$273.00 + tax
 Reason(s) for Selecting: Proximity to the MIT campus & best price available within walking distance of the campus.
- Hotel Name: _____ City: _____ Cost Per Night: _____
 Reason(s) for Selecting: _____
- Hotel Name: _____ City: _____ Cost Per Night: _____
 Reason(s) for Selecting: _____
17. I represent that all expenses connected to the trip will be for actual costs incurred and not a per diem or lump sum payment. *Signify that the statement is true by checking box:*



U.S. House of Representatives

COMMITTEE ON ETHICS

18. Total Expenses for each Participant:

<input type="checkbox"/> Actual Amounts	Total Transportation Expenses per Participant	Total Lodging Expenses per Participant	Total Meal Expenses per Participant
<input checked="" type="checkbox"/> Good Faith Estimates			
For each Member, Officer, or Employee	\$361.10 for airfare	\$624.90 for 2 nights (\$273 p.n. + taxes)	\$325.00 (\$110 on 4/24, \$165 on 4/25 & \$50 on 4/26)
For each Accompanying Family Member	n/a	n/a	n/a

	Other Expenses (dollar amount per item)	Identify Specific Nature of "Other" Expenses (e.g., taxi, parking, registration fee, etc.)
For each Member, Officer, or Employee	\$100.00	bus + taxis to/from airports + possible airport parking at DCA.
For each Accompanying Family Member	n/a	n/a

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

19. Check only one:

- a. I certify that I am an officer of the organization listed below: OR
- b. *Not Applicable.* Trip sponsor is an individual or a U.S. institution of higher education.
- 20. I certify that I am not a registered federal lobbyist or foreign agent for any sponsor of this trip.
- 21. I certify by my signature that the information contained in this form is true, complete, and correct to the best of my knowledge.

Signature:  Date: 8/6/2009

Name: Kerry A. Emanuel

Title: Cecil & Ida Green Professor, Department of Earth, Atmospheric & Planetary Sciences

Organization: Massachusetts Institute of Technology

Address: 77 Massachusetts Avenue, 54-1820

Telephone: 617 253 9397

Email: emanuel@mit.edu

If there are any questions regarding this form, please contact the Committee at the following address:

Committee on Ethics

U.S. House of Representatives

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

Phone: 202-225-7103 General Fax: 202-225-7392



U.S. House of Representatives

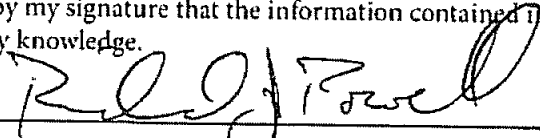
COMMITTEE ON ETHICS

Non-Grantmaking Trip Sponsor Form

This form should be completed by a private individual or entity that provides funds, services, or in-kind donations to another entity to underwrite, in whole or in part, a trip or an event, meal, or activity that will occur during a trip, or a necessary expense that will be incurred during a trip, with express or implicit knowledge or understanding that one or more House Members or employees may participate in or attend that trip or event, or otherwise may be beneficiaries of the gift or donation. A Non-Grantmaking Sponsor that has a direct involvement in planning, organizing, conducting, or participating in the trip must complete this form. Provide a copy of your completed form to the primary sponsor of the trip.

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

1. Name of your organization: ClearPath, Inc.
2. Name of Primary Trip Sponsor: Massachusetts Institute of Technology
3. My organization has provided funds to the above-named Primary Trip Sponsor to pay all or part of the expenses for a trip to (destination): Cambridge, Massachusetts on date: April 24th-26th, 2019 that primarily is being organized or arranged by the above-named Primary Trip Sponsor. Yes No
4. My organization has had a direct role in the organizing, planning, arranging, or will have a role in conducting, the trip identified in response to Question 3 or an event that will occur during that trip. Yes No
5. Check only one:
 - a. My organization does not employ or retain a registered federal lobbyist or foreign agent OR
 - b. My organization employs a registered federal lobbyist or foreign agent, but their involvement in planning, organizing, or arranging the trip was *de minimis* under the travel regulations.
6. I certify that I am not a registered federal lobbyist or foreign agent for any sponsor of this trip.
7. I certify by my signature that the information contained in this form is true, complete, and correct to the best of my knowledge.

Signature:  Date: 02/22/2019

Name: Richard Powell Title: Executive Director

Organization: ClearPath, Inc.

Address: 611 Maryland Ave. NE, Washington, DC 20002

Telephone: (202) 670-1021 Email: powell@clearpath.org

If there are any questions regarding this form, please contact the Committee at the following address:

Committee on Ethics
U.S. House of Representatives
1015 Longworth House Office Building, Washington, D.C. 20515
Phone: 202-225-7103 General Fax: 202-225-7392

Theodore E. Deutch, Florida
Chairman
Kenny Marchant, Texas
Ranking Member

Grace Meng, New York
Susan Wild, Pennsylvania
Dean Phillips, Minnesota
Anthony Brown, Maryland

John Ratcliffe, Texas
George Holding, North Carolina
Jackie Walorski, Indiana
Michael Guest, Mississippi



ONE HUNDRED SIXTEENTH CONGRESS

U.S. House of Representatives

COMMITTEE ON ETHICS

Thomas A. Rust
Staff Director and Chief Counsel

David W. Arrojo
Counsel to the Chairman

Christopher A. Doneso
Counsel to the Ranking Member

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

April 15, 2019

Mr. Eli Woerpel
Office of the Honorable Denver Riggleman
1022 Longworth House Office Building
Washington, DC 20515

Dear Mr. Woerpel:

Pursuant to House Rule 25, clause 5(d)(2), the Committee on Ethics hereby approves your proposed trip to Cambridge, Massachusetts, scheduled for April 24 to 26, 2019, sponsored by Massachusetts Institute of Technology (MIT) and ClearPath, Inc.

You must complete an Employee Post-Travel Disclosure Form (which your employing Member must also sign) and file it, together with a Sponsor Post-Travel Disclosure Form completed by the trip sponsor, with the Clerk of the House within 15 days after your return from travel. As part of that filing, you are also required to attach a copy of this letter and both the Traveler and Primary Trip Sponsor Forms (including attachments) you previously submitted to the Committee in seeking pre-approval for this trip. If you are required to file an annual Financial Disclosure Statement, you must also report all travel expenses totaling more than \$390 from a single source on the "Travel" schedule of your annual Financial Disclosure Statement covering this calendar year. Finally, Travel Regulation § 404(d) also requires you to keep a copy of all request forms and supporting information provided to the Committee for three subsequent Congresses from the date of travel.

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

Sincerely,

Theodore E. Deutch
Chairman

Kenny Marchant
Ranking Member

TED/KM:kej

Senior Congressional Staff Seminar
“Energy Options and Economic Opportunities for Decarbonization”

April 24-26, 2019

AGENDA

All sessions to be held in the Bush Room (10-105) unless otherwise stated

Wednesday, April 24 – Day 1

- 9:30 – 11:00 AM American Airlines flight from DC Reagan Airport to Boston Logan Airport
- 11:45 – 12:30 PM Drop bags at Cambridge Residence Inn. Bus to MIT Campus/Registration
- 12:30 – 2:15 PM **Welcome and Luncheon with Keynote:**
Artificial Intelligence and Machine Learning: What’s New and What Are the Implications for the Power Sector?
Kerry Emanuel, Cecil and Ida Green Professor of Atmospheric Science
Robert Armstrong, Chevron Professor of Chemical Engineering and Director of the MIT Energy Initiative
Aude Oliva, Principal Research Scientist, Computer Science & Artificial Intelligence Lab
Saurabh Amin, Associate Professor, Department of Civil and Environmental Engineering
Dr. Emanuel will give a welcome address to the group and lay out the agenda for the workshop. Dr. Armstrong will introduce the keynote lecturers. Dr. Oliva will present the MIT Quest for Intelligence initiative and discuss research on artificial intelligence and machine learning. Dr. Amin will discuss how such research can be used to support the resilience of the power sector.
- 2:15 – 2:30 PM Break
- 2:30 – 4:00 PM **Climate Risks**
Kerry Emanuel, Cecil and Ida Green Professor of Atmospheric Science
Dr. Emanuel will provide an overview of the history of climate science, the current state of knowledge, and how current challenges can be framed in terms of risk.
- 4:00 – 5:30 PM **Advances in Nuclear Energy**
Dennis Whyte, Hitachi America Professor and Head of the Department of Nuclear Science and Engineering
Jacopo Buongiorno, TEPCO Professor and Associate Department Head of Nuclear Science and Engineering
Dr. Whyte and Dr. Buongiorno will describe recent MIT research on the future of nuclear energy in a carbon constrained world as well as potential advances in both nuclear and fusion energy technologies.
- 7:00 PM **Informal dinner with MIT faculty and students**
Cambridge Residence Inn by Marriott
Working event for seminar participants to engage with MIT professors, panel participants, and graduate students.

Thursday, April 25 – Day 2

7:30 – 8:45 AM **Continental breakfast at hotel/Walk to the Bush Room, MIT Campus**

9:00 – 9:30 AM

Welcoming Remarks

Maria Zuber, Earle A. Griswold Professor and MIT Vice President for Research

Dr. Zuber will welcome participants on behalf of MIT's central administration and provide a broad overview of MIT's research on decarbonization.

9:30 – 11:00 AM

Carbon Capture and Sequestration Technologies

Presenter: **Brad Hager**, Cecil and Ida Green Professor of Earth Sciences

Dr. Hager will describe the scale of the problem; the current state of carbon capture, utilization, and sequestration, and discuss research at MIT to identify, develop and promote new technologies.

11:00 – 11:15 AM

Coffee Break

11:15 – 12:45 PM

U.S. Opportunities for Renewables

Francis O'Sullivan, Director of Research and Analysis, MIT Energy Initiative

Dr. O'Sullivan will discuss the deployment of renewable energy and research on expected economic activity in this technology sector.

12:45 – 1:45 PM

Luncheon, with brief remarks by a representative from ClearPath, Inc.

Spencer Nelson, Program Director, Energy Innovation

Spencer will discuss the ClearPath, Inc. mission, the organization's interest in supporting this seminar, and his perspective on the current federal clean energy policy landscape.

2:00 – 5:00 PM

Lab Tours:

- **The Plasma Science & Fusion Center.** *The MIT Plasma Science and Fusion Center is leading the charge to harness fusion energy by using a disruptive, breakthrough technology which will revolutionize the energy landscape. The goal is to create a workforce pipeline—from education to employment—firmly placing the US at the center of the new fusion energy industry.*

Dr. Dennis Whyte will take participants on a tour of MIT's Plasma Science and Fusion Center, explaining the research mentioned above.

- **Biomolecular Materials Group.** *Dr Angela Belcher's lab spans the fields of biomaterials, biomolecular materials, organic-inorganic interfaces and solid-state chemistry and devices. Her primary research focus is evolving new materials for energy, electronics, the environment and medicine.*

Dr. Angela Belcher will take participants on a tour of her lab and give an overview of the research above.

- 5:00 – 5:20 PM Return to Cambridge Residence Inn. Rest/Free time
- 6:30 PM: Assemble in the lobby of Cambridge Residence Inn. Walk to MIT Samberg Center.
- 7:00 PM Arrive Samberg Center, Dining Room 2
- 7:15 PM **Dinner with Keynote Speaker**, Samberg Center, Salon M
 Speaker: **David Danielson**, Breakthrough Energy Ventures
Dr. Danielson will present on the work of Breakthrough Energy Ventures, which works to link cutting-edge, government-funded research to patient, risk-tolerant capital so that more clean energy innovations get to market faster.

Friday, April 26 – Day 3

- 7:30 – 8:45 AM **Continental breakfast at hotel/check out.** *(Bags can be left at the hotel)*
Walk to The Bush Room, MIT Campus
- 9:00 – 10:30 AM **Electricity System and Energy Efficiency**
Christopher R. Knittel, (moderator), George P. Shultz Professor of Applied Economics, MIT Sloan School of Management.
Marija Ilic, Senior Research Scientist, Laboratory for Information & Decision Systems
Christoph Reinhart, Professor and Director, Building Technology Program, MIT School of Architecture
Steven Leeb, Professor & MacVicar Faculty Fellow, Electrical Engineering & Computer Science, and Mechanical Engineering
Dr. Knittel will moderate a panel discussion covering the economics and technical aspects of energy systems and the how energy efficiency impacts the overall system.
- 10:30 – 10:45 AM **Coffee Break**
- 10:45 – 12:15 PM **International Economic Opportunities and National Security**
Henry (Jake) Jacoby, William F. Pounds Professor Emeritus of Management, Sloan School of Management
Dr. Jacoby will discuss the risks and opportunities, for global business and national security, of the emerging energy transition, and explore policies that could enhance the U.S. position.
- 12:15 – 2:15 PM **Box Lunch with discussion & demonstration of En-Roads Climate Model**
John Sterman, Jay Forrester Professor of Management, Director of System Dynamics, Sloan School of Management; **Andrew (Drew) Jones**, Founder and Co-Director of Climate Interactive
Dr. Sterman and Mr. Jones will demonstrate an interactive simulation tool that shows the impacts of various decarbonization policies on climate change.
- 2:15 - 2:45 PM: **Return to hotel to collect bags. Travel to Boston Logan Airport**
- 4:00 – 5:30 PM Flight from Boston to DC.



MIT WASHINGTON OFFICE
820 First Street, NE Suite 610
Washington, DC 20002

Tel: 202 789 1828

May 3, 2019

Mr. Eli Woerpel
Legislative Assistant
Office of Representative Denver Riggleman
1022 Longworth House Office Building
Washington, DC 20515

Dear Eli,

Thank you for taking time out of your busy schedule to travel to MIT for the Senior Congressional Staff Seminar "Energy Options and Economic Opportunities for Decarbonization" which took place in Cambridge, MA from April 24-26, 2019. MIT paid the following expenses on your behalf:

Return Flight on American Airlines, DC-Boston-DC:	\$ 351.10
Hotel (2 nights) at The Cambridge Residence Inn	624.90
Meals/Coffee Breaks: (Breakfasts were included at the hotel)	
Wednesday lunch/afternoon/dinner	76.26
Thursday morning/lunch/afternoon/dinner	88.89
Friday morning/lunch	15.02
FOOD TOTAL:	180.17
Incidentals:	
Bus from/to Logan Airport & Cambridge Residence Inn	31.25
TOTAL for Eli Woerpel:	\$ 1,187.42

If you have any questions or need any further information, please do not hesitate to contact me at 202 789 1828.

Sincerely,

Helen

Helen Haislmaier
Program Coordinator