Employee Post-Travel Disclosure Form

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: Jonathan Gerstell

2. a. Name of Accompanying Relative: ____________________________ OR None ☑
   b. Relationship to Traveler: ☐ Spouse ☐ Child ☐ Other (specify): ______________________

   b. Dates at Personal Expense, if any: ____________________________ OR None ☑


5. Sponsor(s), Who Paid for the Trip: Massachusetts Institute of Technology (MIT)

6. Describe Meetings and Events Attended: Please see attached agenda.

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: ____________________________

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

Signature of Traveler: ____________________________ Date: 8/27/2019

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: Elaine G. Luria Date: 8/27/2019

Signature of Supervising Member: ____________________________
Sponsor Post-Travel Disclosure Form

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: Massachusetts Institute of Technology

2. Travel Destination(s): Cambridge, MA

3. Date of Departure: Monday, August 12, 2019  Date of Return: Thursday, August 15, 2019

4. Name(s) of Traveler(s): Jonathan Gerstell

   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:

<table>
<thead>
<tr>
<th>Traveler</th>
<th>Total Transportation Expenses</th>
<th>Total Lodging Expenses</th>
<th>Total Meal Expenses</th>
<th>Total Other Expenses</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>385.10</td>
<td>648.93</td>
<td>160.36</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Accompanying Family Member</th>
<th>Total Transportation Expenses</th>
<th>Total Lodging Expenses</th>
<th>Total Meal Expenses</th>
<th>Total Other Expenses</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

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: ___________________________  Date: 8/27/2019

Name: Jacopo Buongiorno  Title: Professor - Nuclear Science

Organization: Massachusetts Institute of Technology

I am an officer of the above-named organization. Signify statement is true by checking box: ☑ U.S. institution of higher education

Address: 77 Massachusetts Avenue, Cambridge, MA 02139

Telephone: 617-253-7316  Point of contact: Kristi Stone 617-324-4395  Email: jacopo@mit.edu / kristi@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.

Version date 12/2018 by Committee on Ethics
TRAVELER FORM

1. Name of Traveler: Jonathan Gerstell

2. Sponsor(s) who will be paying for the trip: Massachusetts Institute of Technology

3. Travel Destination(s): Cambridge, MA

4. a. Date of Departure: 8/12/2019 Date of Return: 8/15/2019
   b. Will you be extending the trip at your personal expense? ☐ Yes ☑ No
      If yes, list dates at personal expense:

5. a. Will you be accompanied by a family member at the sponsor’s expense? ☑ Yes ☐ No If yes:
      (1) Name of Accompanying Family Member:
      (2) Relationship to Traveler: ☐ Spouse ☑ Child ☑ Other (specify):
      (3) Accompanying Family Member is at least 18 years of age: ☑ Yes ☐ No

6. a. Did the trip sponsor answer “Yes” to Question 8(c) on the Primary Trip Sponsor Form (i.e., travel is sponsored by an entity that employs a registered federal lobbyist or a foreign agent)? ☐ Yes ☑ No
   b. If yes, and you are requesting lodging for two nights, explain why the second night is warranted:

7. Primary Trip Sponsor Form is attached, including agenda, invitee list, and any other attachments and contributing sponsor forms: ☑ Yes ☐ No
   NOTE: The agenda should show the traveler’s individual schedule, including departure and arrival times and identify the specific events in which the traveler will be participating.

8. Explain why participation in the trip is connected to the traveler’s individual official or representational duties. Staff should include their job title and how the activities on the itinerary relate to their duties.
   I am a legislative assistant responsible for the energy & climate change portfolio, and I am the staffer responsible for the Congresswoman’s Nuclear Energy Leadership Act.

9. Is the traveler aware of any registered federal lobbyists or foreign agents involved planning, organizing, requesting, or arranging the trip? ☑ Yes ☐ No

10. For staff travelers, to be completed by your employing Member:

   ADVANCED AUTHORIZATION OF EMPLOYEE TRAVEL

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

   Signature of Employing Member _______________ Date 7/12/2019
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: 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: 1) Rodel Foundation, 2) Bernard and Anne Spitzer Charitable Trust and 3) Carl Victor Page Memorial Foundation

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 attached

5. Is travel being offered to an accompanying family member of the House invitee(s)? ☐ Yes ☑ No

6. Date of Departure: Monday, 8/12/2019 Date of Return: Thursday, 8/15/2019

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:

Version date 12/2018 by 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:
   MIT is a non-profit research university working on energy, climate technology and related policy. The three additional sponsors listed in 3c have provided input on the speakers and the course content.
   Each organization is interested in promoting education about clean energy and environmental issues.

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):

      2) Provide the reason for selecting the location of the event or trip:

16. Name, nightly cost, and reasons for selecting each hotel or other lodging facility:
   Hotel Name: Hyatt Regency City: Cambridge Cost Per Night: $189 + tax
   Reason(s) for Selecting: proximity to campus and best price within short distance to 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: √
18. **Total Expenses for each Participant:**

<table>
<thead>
<tr>
<th></th>
<th>Total Transportation Expenses per Participant</th>
<th>Total Lodging Expenses per Participant</th>
<th>Total Meal Expenses per Participant</th>
</tr>
</thead>
<tbody>
<tr>
<td>For each Member, Officer, or Employee</td>
<td>$380 for airfare</td>
<td>$649 (3 nights) ($189 p.n. + tax)</td>
<td>$320</td>
</tr>
<tr>
<td>For each Accompanying Family Member</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Other Expenses (dollar amount per item)</th>
<th>Identify Specific Nature of “Other” Expenses (e.g., taxi, parking, registration fee, etc.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>For each Member, Officer, or Employee</td>
<td>$200</td>
<td>bus, taxi to/from airports &amp; possible airport parking in DC; checked bag roundtrip</td>
</tr>
<tr>
<td>For each Accompanying Family Member</td>
<td>Not applicable</td>
<td></td>
</tr>
</tbody>
</table>

**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: [Signature]

Name: Jacopo Buongiorno

Title: Professor - Nuclear Science and Engineering

Organization: Massachusetts Institute of Technology

Address: 77 Massachusetts Avenue, Cambridge, MA 02139

Telephone: 617-253-7316  Point of Contact: Kristi Stone - 617-324-4395

Email: jacopo@mit.edu  Point of Contact - Kristi Stone - kristi@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

Version date 12/2018 by Committee on Ethics
Grantmaking Trip Sponsor Form

This form should be completed by a public charity or private foundation (both as defined under section 501(c)(3) of the Internal Revenue Code) that provides a grant of funds to another entity to underwrite, in whole or in part, a trip or an event, meal, or activity that will occur during a trip, or a necessary expense that will be incurred during a trip, with express or implicit knowledge or understanding that one or more House Members or employees may participate in or attend that trip or event, or otherwise may be beneficiaries of the gift or donation. Provide a copy of your completed form to the primary sponsor of the trip.

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

1. I certify that (name of your organization): Rodel Foundation has been designated a § 501(c)(3) nonprofit charitable organization by the Internal Revenue Service. ☑ Yes ☐ No

2. Name of Primary Trip Sponsor: Massachusetts Institute of Technology

3. I certify that my organization (check and complete a or b):
   a. ☑ Has provided a grant, gift, or donation to the above-named Primary Trip Sponsor and conducts an audit or review of its grant, gift, or donation to ensure that the funds are spent in accordance with the terms of its grant, gift, or donation. OR
   b. ☐ Has had a direct role in the organizing, planning, or conducting of a trip to

      Destination: _______________________________ on Date: _______________________________

      that is being organized or arranged by the above-named Primary Trip Sponsor.

4. 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.

5. I certify that I am not a registered federal lobbyist or foreign agent for any sponsor of this trip. ☑

6. 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: 6/28/19

   Name: W. D. Budinger Title: Mgr.

   Organization: Rodel Foundation

   Address: 2201 Cambridge Parkway, Rockville, MD 20850

   Telephone: 480 348 1300 Email: WRrose1.com

   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

Version date 12/2018 by Committee on Ethics
Grantmaking Trip Sponsor Form

This form should be completed by a public charity or private foundation (both as defined under section 501(c)(3) of the Internal Revenue Code) that provides a grant of funds to another entity to underwrite, in whole or in part, a trip or an event, meal, or activity that will occur during a trip, or a necessary expense that will be incurred during a trip, with express or implicit knowledge or understanding that one or more House Members or employees may participate in or attend that trip or event, or otherwise may be beneficiaries of the gift or donation. Provide a copy of your completed form to the primary sponsor of the trip.

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

1. I certify that (name of your organization): [Name of Organization]
   has been designated a § 501(c)(3) nonprofit charitable organization by the Internal Revenue Service. □ Yes □ No

2. Name of Primary Trip Sponsor: Massachusetts Institute of Technology

3. I certify that my organization (check and complete a or b):
   a. □ Has provided a grant, gift, or donation to the above-named Primary Trip Sponsor and conducts an audit or review of its grant, gift, or donation to ensure that the funds are spent in accordance with the terms of its grant, gift, or donation. OR
   b. □ Has had a direct role in the organizing, planning, or conducting of a trip to
      Destination: __________________________ on Date: __________________________
      that is being organized or arranged by the above-named Primary Trip Sponsor.

4. Check only:
   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.

5. I certify that I am not a registered federal lobbyist or foreign agent for any sponsor of this trip. □

6. 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: 7/8/19
Name: [Name] Title: CEO
Organization: [Name of Organization]
Address: 555 Madison Ave, NY, NY
Telephone: 212-737-5462 Email: [Email address]

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

Version date 12/2018 by Committee on Ethics
Grantmaking Trip Sponsor Form

This form should be completed by a public charity or private foundation (both as defined under section 501(c)(3) of the Internal Revenue Code) that provides a grant of funds to another entity to underwrite, in whole or in part, a trip or an event, meal, or activity that will occur during a trip, or a necessary expense that will be incurred during a trip, with express or implicit knowledge or understanding that one or more House Members or employees may participate in or attend that trip or event, or otherwise may be beneficiaries of the gift or donation. Provide a copy of your completed form to the primary sponsor of the trip.

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

1. I certify that (name of your organization):

   Carl Victor Page Memorial Foundation

   has been designated a § 501(c)(3) nonprofit charitable organization by the Internal Revenue Service. □ Yes □ No

2. Name of Primary Trip Sponsor: Massachusetts Institute of Technology

3. I certify that my organization (check and complete a or b):
   a. □ Has provided a grant, gift, or donation to the above-named Primary Trip Sponsor and conducts an audit or review of its grant, gift, or donation to ensure that the funds are spent in accordance with the terms of its grant, gift, or donation. OR
   b. □ Has had a direct role in the organizing, planning, or conducting of a trip to

      Destination: ____________________________ on Date: __________________________

      that is being organized or arranged by the above-named Primary Trip Sponsor.

4. 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.

5. I certify that I am not a registered federal lobbyist or foreign agent for any sponsor of this trip. □

6. 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: 6/21/2019

   Name: Carl Page

   Organization: Carl Victor Page Memorial Fund

   Address: 5214f Diamond Heights 731 SF CA 94131

   Telephone: 4152845248 Email: carlp-gov@findpage.com

   Title: Trustee Manager

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

Version date 12/2018 by Committee on Ethics
Mr. Jonathan Gerstell  
Office of the Honorable Elaine G. Luria  
534 Cannon House Office Building  
Washington, DC 20515

Dear Mr. Gerstell:

Pursuant to House Rule 25, clause 5(d)(2), the Committee on Ethics hereby approves your proposed trip to Cambridge, Massachusetts, scheduled for August 12 to 15, 2019, sponsored by Massachusetts Institute of Technology (MIT), the Rodel Foundation, the Bernard and Anne Spitzer Charitable Trust, and the Carl Victor Page Memorial Foundation.

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
# Nuclear Energy: Key Facts and Issues

An MIT Short Course  
August 13-15, 2019  
MIT Campus, Cambridge MA

## Itinerary for Congressional House Attendees

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Event</th>
<th>Topic</th>
<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday, Aug 12</td>
<td>5:05pm – 6:48pm</td>
<td>Flight from Washington, DC to Boston, MA</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7:15pm – 8:00pm</td>
<td>Taxi to hotel</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Overnight</td>
<td>Hotel</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Tuesday, Aug 13 | 8:00am - 9:00am  | Registration & Opening Remarks                  | The Big Picture on Climate  
Scale and urgency to decarbonize electricity, heat, transport  
High level introduction to electric system requirements management  
Nuclear and renewables: potential complementary roles of firm and variable power on the grid, and non-electric applications | Jacopo Buongiorno (MIT)  
Michael Golay (MIT)  
Steven Brick (Chicago Council on Global Affairs)  
Jesse Jenkins (Princeton Univ.) |
|             | 12:00pm – 1:00pm | Group Lunch                                    |                                                                                                                 |                                                                        |
|             | 1:00pm – 2:30pm  | Nuclear Technology: Power Plant, Fuel Cycle and Economics |                                                                                                                 | Jacopo Buongiorno (MIT)                                             |
|             | 2:30pm – 3:00pm  | Break                                           |                                                                                                                 |                                                                        |
|             | 3:00pm – 5:30pm  | Radiation Fundamentals  
Radiation health effects  
Radiation regulation & implications (including emergency response) |                                                                                                                 | Jacqueline Yanch (former MIT)  
Rajiv Gupta (MGH-Harvard Univ.) |
|             | 6:30pm – 9:30pm  | Kickoff Group Dinner                            |                                                                                                                 |                                                                        |
|             | Overnight      | Hotel                                           |                                                                                                                 |                                                                        |

Revised July 8, 2019
<table>
<thead>
<tr>
<th>Wednesday, Aug 14</th>
<th>9:00am - 12:00pm</th>
<th>Nuclear Safety Principles (How things can go wrong, why) Historical accidents &amp; lessons</th>
<th>Michael Golay (MIT) Korouch Shirvan (MIT)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12:00pm - 1:00pm</td>
<td>Group Lunch</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1:00pm - 4:00pm</td>
<td>Nuclear Waste</td>
<td>Charles Forsberg (MIT) David Victor (UCSD)</td>
</tr>
<tr>
<td></td>
<td>4:00pm - 9:00pm</td>
<td>Free time and Dinner on your own</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Overnight</td>
<td>Hotel</td>
<td></td>
</tr>
<tr>
<td>Thursday, Aug 15</td>
<td>9:00am - 12:00pm</td>
<td>Nuclear Weapons, Proliferation &amp; Terrorism</td>
<td>Scott Kemp (MIT)</td>
</tr>
<tr>
<td></td>
<td>12:00pm - 1:00pm</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1:00pm - 4:00pm</td>
<td>Nuclear Perceptions &amp; Communications</td>
<td>Spencer Weart (former AIP) Kirsty Gogan (Energy for Humanity) Kory Rattery (Arizona Power Service)</td>
</tr>
<tr>
<td></td>
<td>4:00pm</td>
<td>Adjourn</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4:00pm - 5:00pm</td>
<td>Free time</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5:00pm</td>
<td>Taxi to Boston airport</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7:40pm - 9:18pm</td>
<td>Flight from Boston to Washington, DC</td>
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Revised July 8, 2019
## Itinerary for Congressional House Attendees

<table>
<thead>
<tr>
<th>DAY</th>
<th>TIME</th>
<th>Activity</th>
<th>Speakers</th>
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<tbody>
<tr>
<td>Monday, Aug 12</td>
<td>5:05pm - 6:48pm</td>
<td>Flight from Washington, DC to Boston, MA</td>
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<td></td>
<td>7:15pm - 8:00pm</td>
<td>Taxi to hotel</td>
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<td>Overnight</td>
<td>Hotel</td>
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<tr>
<td>Tuesday, Aug 13</td>
<td>8:00am - 9:00am</td>
<td>Registration &amp; Opening Remarks</td>
<td>Jacopo Buongiorno (MIT)</td>
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<tr>
<td></td>
<td>9:00am - 12:00pm</td>
<td>The Big Picture on Climate</td>
<td>Michael Golay (MIT)</td>
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<td></td>
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<td>Scale and urgency to decarbonize electricity, heat, transport</td>
<td>Steven Brick (Chicago Council on Global Affairs)</td>
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<td></td>
<td></td>
<td>High level introduction to electric system requirements management</td>
<td>Jesse Jenkins (Princeton Univ.)</td>
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<td>Nuclear and renewables; potential complementary roles of firm and variable power on the grid, and non-electric applications</td>
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<td></td>
<td>12:00pm - 1:00pm</td>
<td>Group Lunch</td>
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<tr>
<td></td>
<td>1:00pm - 2:30pm</td>
<td>Nuclear Technology: Power Plant, Fuel Cycle and Economics</td>
<td>Jacopo Buongiorno (MIT)</td>
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<tr>
<td></td>
<td>2:30pm - 3:00pm</td>
<td>Break</td>
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<td></td>
<td>3:00pm - 5:30pm</td>
<td>Radiation Fundamentals</td>
<td>Jacqueline Yanch (former MIT)</td>
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<td>Radiation health effects</td>
<td>Rajiv Gupta (MGH-Harvard Univ.)</td>
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<td>Radiation regulation &amp; implications (including emergency response)</td>
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<td></td>
<td>6:30pm - 9:30pm</td>
<td>Kickoff Group Dinner</td>
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<td>Overnight</td>
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Revised July 8, 2019
| Wednesday, Aug 14 | 9:00am - 12:00pm | Nuclear Safety Principles (How things can go wrong, why)  
Historical accidents & lessons | Michael Golay (MIT)  
Koroush Shirvan (MIT) |
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<tr>
<td></td>
<td>12:00pm - 1:00pm</td>
<td>Group Lunch</td>
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</table>
|                  | 1:00pm - 4:00pm  | Nuclear Waste                                   | Charles Forsberg (MIT)  
David Victor (UCSD)         |
|                  | 4:00pm - 9:00pm  | Free time and Dinner on your own                |                             |
|                  | Overnight         | Hotel                                           |                             |
| Thursday, Aug 15 | 9:00am - 12:00pm | Nuclear Weapons, Proliferation & Terrorism      | Scott Kemp (MIT)           |
|                  | 12:00pm - 1:00pm | Lunch                                           |                             |
|                  | 1:00pm - 4:00pm  | Nuclear Perceptions & Communications            | Spencer Weart (former AIP)  
Kirsty Gogan (Energy for Humanity)  
Kory Raftery (Arizona Power Service) |
|                  | 4:00pm           | Adjourn                                         |                             |
|                  | 4:00pm - 5:00pm  | Free time                                       |                             |
|                  | 5:00pm           | Taxi to Boston airport                          |                             |
|                  | 7:40pm - 9:18pm  | Flight from Boston to Washington, DC            |                             |

Revised July 8, 2019
House Invitees for Nuclear Energy course @ MIT, August 2019

Each person was invited because they are working specifically on nuclear energy issues and/or have indicated interest in learning more about energy and environmental issues.

<table>
<thead>
<tr>
<th>First Name</th>
<th>Last Name</th>
<th>Role</th>
<th>Email</th>
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<tbody>
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July 9, 2019

Dear Jonathan Gerstell:

We write to invite you to participate in the initial offering of an MIT summer short course August 13-15 on "Nuclear Energy: Key Facts and Issues" (see attached course syllabus). The purpose of this 3-day course, on the MIT campus, is to provide an opportunity for interested participants to improve their knowledge of nuclear energy technologies and their potential roles in addressing important social needs, especially responses to climate change.

The course is sponsored by a set of philanthropists and foundations, and is centered in the Nuclear Science and Engineering department of MIT (NSE), and relies upon MIT faculty and external experts to teach the course (a seminar format is intended). The organizers are Professors Jacopo Buongiorno and Michael Golay (MIT) and Armond Cohen (Executive Director, Clean Air Task Force [CATF]). The course is organized on an invitation-only basis, and will require each attendee to agree to respect the Chatham House rule of confidentiality concerning the discussions and conversations of the course. The invitations are being made to a select and limited group of government decision makers, journalists and a few NGO and foundation staff members. The travel and lodging expenses of the attendees can be paid in full by the course, upon request.

The purpose is to improve understanding and discussion among a set of about 20 influential individuals participating in the national energy/environment discourse. You can see from the attached agenda that the course organization addresses the key issues most often raised, pro and con, regarding nuclear energy in the U.S. context. These issues are frequently debated with passion but often without deep factual background. It is the aim of this course to provide that background to promote informed discussion. The group is purposefully being kept small to promote interaction and exchange with experts and with other participants.

We hope that you will join us in this initial course offering. Please let us know as soon as possible, but no later than July 10.

We hope to see you in August for the course.

Sincerely,

[Signatures]

Jacopo Buongiorno  -  jacopo@mit.edu  /  617-253-7316
Michael Golay  -  golay@mit.edu  /  617-253-5824
Armond Cohen  -  armond@catf.us  /  617-680-0341
Course Administrator, Kristi Stone  -  nuclear.energy.course@mit.edu  /  617-324-4395