

# Truth in Testimony Disclosure Form

In accordance with Rule XI, clause 2(g)(5)\* of the *Rules of the House of Representatives*, witnesses are asked to disclose the following information. Please complete this form electronically by filling in the provided blanks.

Committee: House Committee on Science, Space and Technology

Subcommittee: Subcommittee on Energy

Hearing Date: 04/24/2021

Hearing Title :

Climate and Energy Science Research at the Department of Energy

Witness Name: Esther S. Takeuchi

Position/Title: Distinguished Professor/ Professor

Witness Type:  Governmental  Non-governmental

Are you representing yourself or an organization?  Self  Organization

If you are representing an organization, please list what entity or entities you are representing:

## **FOR WITNESSES APPEARING IN A NON-GOVERNMENTAL CAPACITY**

Please complete the following fields. If necessary, attach additional sheet(s) to provide more information.

**Are you a fiduciary—including, but not limited to, a director, officer, advisor, or resident agent—of any organization or entity that has an interest in the subject matter of the hearing? If so, please list the name of the organization(s) or entities.**

As noted above, I am testifying on my own behalf. As part of my faculty role, I am the principal investigator (PI) on several federal awards. The federal awards where I am a PI or co-PI are noted on the list provided, I also have a joint appointment at Brookhaven National Laboratory.

Brookhaven National Laboratory is managed for the Department of Energy by Brookhaven Science Associates under Prime Contract No. (DE-SC0012704). The dollar amount is variable; details for specific time periods are available from the Lab or the Department of Energy.

**Please list any federal grants or contracts (including subgrants or subcontracts) related to the hearing's subject matter that you, the organization(s) you represent, or entities for which you serve as a fiduciary have received in the past thirty-six months from the date of the hearing. Include the source and amount of each grant or contract.**

The federal awards where I am a PI or co-PI through Stony Brook University are detailed in the attachment.

**Please list any contracts, grants, or payments originating with a foreign government and related to the hearing's subject that you, the organization(s) you represent, or entities for which you serve as a fiduciary have received in the past thirty-six months from the date of the hearing. Include the amount and country of origin of each contract or payment.**

none

**Please complete the following fields. If necessary, attach additional sheet(s) to provide more information.**

- I have attached a written statement of proposed testimony.
- I have attached my curriculum vitae or biography.

\*Rule XI, clause 2(g)(5), of the U.S. House of Representatives provides:

(5)(A) Each committee shall, to the greatest extent practicable, require witnesses who appear before it to submit in advance written statements of proposed testimony and to limit their initial presentations to the committee to brief summaries thereof.

(B) In the case of a witness appearing in a non-governmental capacity, a written statement of proposed testimony shall include— (i) a curriculum vitae; (ii) a disclosure of any Federal grants or contracts, or contracts, grants, or payments originating with a foreign government, received during the past 36 months by the witness or by an entity represented by the witness and related to the subject matter of the hearing; and (iii) a disclosure of whether the witness is a fiduciary (including, but not limited to, a director, officer, advisor, or resident agent) of any organization or entity that has an interest in the subject matter of the hearing.

(C) The disclosure referred to in subdivision (B)(iii) shall include— (i) the amount and source of each Federal grant (or subgrant thereof) or contract (or subcontract thereof) related to the subject matter of the hearing; and (ii) the amount and country of origin of any payment or contract related to the subject matter of the hearing originating with a foreign government.

(D) Such statements, with appropriate redactions to protect the privacy or security of the witness, shall be made publicly available in electronic form 24 hours before the witness appears to the extent practicable, but not later than one day after the witness appears.

**False Statements Certification**

Knowingly providing material false information to this committee/subcommittee, or knowingly concealing material information from this committee/subcommittee, is a crime (18 U.S.C. § 1001). This form will be made part of the hearing record.



Witness signature

4/29/21

Date

Award Principal Investigator	Sponsor Name	Award Name	Amount, \$
Takeuchi, Dr. Esther Sans	Sandia National Laboratories	Earth Abundant Materials: An Opportunity for the Next Generation of Batteries	359,998
Takeuchi, Dr. Esther Sans	US Department of Energy	EERE: Enabling Extreme Fast Charging Through Control of Lithium Ion Deposition Overpotential on Graphite Electrodes	434,982
Takeuchi, Dr. Esther Sans	US Department of Energy	Dual Function Solid State Battery with Self Forming Self Healing Electrolyte and Separator	1,065,975
Takeuchi, Dr. Esther Sans	US Department of Energy	EFRC: Center for Mesoscale Transport Properties	13,356,000

Award co-Principal Investigator	Sponsor Name	Award Name	Total Award Amount, \$
Takeuchi, Dr. Esther Sans	US Department of Energy	Sulfur Loaded MS2 Barrier for Control of Polysulfide Shuttling in Lithium Sulfur Batteries	400,000
Takeuchi, Dr. Esther Sans	US Department of Energy	Fully Fluorinated Local High Concentration Electrolytes Enabling High Energy Density Si Anodes	900,000
Takeuchi, Dr. Esther Sans	US Navy Office of Naval Research	Navy Research Collaboration on Energy Resiliency	7,360,000
Takeuchi, Dr. Esther Sans	University of Maryland, Sponsor: Army Research Laboratory	Center for Research in Extreme Batteries - Advancing Transformational Army Batteries	149,996
Takeuchi, Dr. Esther Sans	Xavier University of Louisiana, Sponsor: NASA	Materials and Interfaces Center for High Energy Storage and Sensing (MICHESS)	36,000