

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: Science, Space, and Technology

Subcommittee: Energy

Hearing Date: 03/16/2022

Hearing Title :

Bioenergy Research and Development for the Fuels and Chemicals of Tomorrow

Witness Name: Andrew D.B. Leakey

Position/Title: Professor and Head of Department

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.

University of Illinois at Urbana-Champaign

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.

Federal research grants: (1) Center for Advanced Bioenergy and Bioproducts Innovation, DOE Bioenergy Research Center, \$104M (2) Using systems approaches to improve photosynthesis and water use efficiency in sorghum, DOE Biosystems Design, \$2,127,099 (3) Artificial intelligence for future agricultural resilience, management, and sustainability, USDA-NIFA AI Institute, \$19,998,045 (4) Dynamic-Light Environmental Sculpting of Genomes, NSF, \$1,212,609 (5) Progressive Automation of Minirhizotron Root Image Analysis through Advanced Contextualization and Machine Learning, DOE SBIR, \$29,991 (6) Novel Deep Learning Methods for In Situ Fine Roots Measurements, DOE SBIR, \$60,000 (7) An integrated phenomics approach to identifying the genetic basis for maize root structure and control of plant nutrient relations, NSF, \$1,768,240 (8) Novel Technologies to Solve the Water Use Problem of High Yielding C4 Bioenergy and Bioproduct Feedstocks, ARPA-E, \$4,995,967 (9) Genetic and Genomic Approaches to Understand and Improve Maize Responses to Ozone, NSF, \$5,733,823 (full details of grants in attached CV)

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.

N/A

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

3/14/22

Date