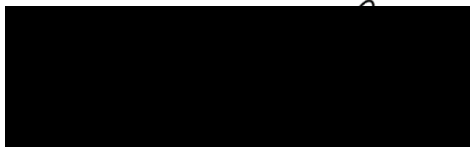


Committee on Energy and Commerce
U.S. House of Representatives
Witness Disclosure Requirement - "Truth in Testimony"
Required by House Rule XI, Clause 2(g)(5)

1. Your Name: Jeremy Martin, Ph.D.		
2. Your Title: Senior Scientist and Fuels Lead		
3. The Entity(ies) You are Representing: The Union of Concerned Scientists		
4. Are you testifying on behalf of the Federal, or a State or local government entity?	Yes	No X
5. Please list any Federal grants or contracts, or contracts or payments originating with a foreign government, that you or the entity(ies) you represent have received on or after January 1, 2015. Only grants, contracts, or payments related to the subject matter of the hearing must be listed.		
6. Please attach your curriculum vitae to your completed disclosure form.		

Signature:



Date: March 5th, 2018



Jeremy Martin

Senior Scientist and Fuels Lead, Clean Vehicles Program

As a Senior Scientist in the Union of Concerned Scientists' Clean Vehicles Program, Jeremy Martin evaluates the impact of biofuels and fuel policy.

Dr. Martin is the author of more than 15 technical publications and 13 patents on topics ranging from biofuels lifecycle accounting to semiconductor manufacturing and polymer physics. His recent report for UCS, *Fueling a Clean Transportation Future: Smart fuel choices for a warming world* describes how transportation fuels are changing, and what can be done to reduce emissions from their production.

Dr. Martin has testified before Congress and briefed state and federal legislators and regulators on key fuel policies. He has served on several expert panels examining how the fuels industry is changing, and what can be done to move it in a cleaner direction.

Before coming to UCS, Dr. Martin worked in research, development and manufacturing of computer chips at Advanced Micro Devices. Dr. Martin has a Ph.D. in chemistry and a minor in chemical engineering from the California Institute of Technology (Caltech) and a bachelor's degree in chemistry and English literature from Haverford College.

Jeremy I. Martin, Ph. D.



Professional Experience

Sr. Scientist and fuels lead in Clean Fuels Program Union of Concerned Scientists

January 2008 to present

- Analysis: Research and write reports, fact sheets and other publications. Recent examples have included a report on [transportation fuels](#), an [assessment of U.S. biomass resources](#), a [short report](#), [fact sheet](#) and a [perspective in Nature magazine](#) on the impact of biofuels on water quality, and a [report on realizing the potential of advanced biofuels](#). Contributed analysis and writing to a campaign document on [oil savings strategies](#) and a report on [deforestation-free vegetable oils](#). I have also developed a policy proposal for a [performance based biofuels tax policy](#), and proposed [performance metrics for emissions that occur over a complex time profiles](#).
- Advocacy: Developed a coalition of advanced biofuel producers, trade groups and other advocacy organizations to promote sound policy on advanced biofuels. Met with congressional staff on energy and tax legislation. Organized scientists and economists to weigh in on regulatory proceedings at the [U.S. Environmental Protection Agency](#) (EPA), [California Air Resources Board](#) (CARB) and the [European Union](#).
- Regulatory Affairs: Work with EPA, CARB, Northeast States for Coordinated Air Use Management, U.S. Department of Agriculture and other administration officials on administration of biofuels policies. Develop formal comments in regulatory proceedings, especially the Renewable Fuels Standard. Meet with EPA staff, especially in the Office of Transportation and Air Quality. Served on EPA [peer review panel for the Renewable Fuels Standard](#) and as a member of an [expert work group on the California Low Carbon Fuel Standard](#).
- Media: Write [Op-Eds](#), press releases, [blogs](#), and public facing documents promoting UCS positions and products in print media, radio, and television. Recent examples included segments on Public Radio International program Living on Earth on [palm oil based biodiesel](#) and [cellulosic biofuels](#) and an article for [Ethanol Producer](#) magazine.
- Public Appearances: Led development of accessible and entertaining presentations. Presented at high profile forums such at the [Department of Energy's annual biomass conference](#), the [Asilomar Conference on Transportation and Energy](#), and the [Atlantic Council workshop](#) on the [Energy Water Nexus](#).

Senior Member of Technical Staff Advanced Micro Devices (AMD)

October 1997 to July 2007

Progressively responsible positions in semiconductor research, development, manufacturing and reliability. Stationed in California, Texas, New York, Taiwan and Singapore. Worked in partnerships with major global semiconductor manufacturers including IBM, Motorola/Freescale, Samsung, Chartered, Sony, Toshiba, United Microelectronics Corporation, Infineon.

Education

- Ph. D. California Institute of Technology** **September 1992 – September 1997**
Pasadena, California
Dept. of Chemistry and Chemical Engineering;
Major in Chemistry, Minor in Chemical Engineering
Dissertation: Statistical Mechanics of Polymers at Interfaces
- B. A. Haverford College, Haverford, Pennsylvania** **September 1986 – May 1990**
Chemistry and English Literature double major

Publications and Patents

[Fueling a Clean Transportation Future: Smart Fuel Choices for a Warming World](#). 2016.
Cambridge MA.

[Biomass Resources in the United States](#): Biomass holds the promise of clean power and fuel — if handled right. 2012. Cambridge MA.

[Perspective: Don't foul the water](#). Nature 474, S17 (23 June 2011)

[The Billion Gallon Challenge: Getting Biofuels Back on Track](#), 2010, Cambridge.MA.

14 US Patents and 12 peer reviewed publications on biofuels, polymer physics and materials science.

Public Service

Traffic and Transportation Commissioner **November 2008 – Present**
City of Rockville Maryland
As a member, and previously chair, of this citizen's advisory commission, I advise the Rockville City Council and Planning Commission on traffic matters. I also serve as the representative of this commission on the Rockville Pedestrian Safety Task Force.

Pedestrian, Bicycle, and Traffic Safety Advisory Committee **June 2014 – Present**
Montgomery County
I represent the City of Rockville and the Maryland Municipal League on the MC-PBTSAC, a body that advises the County Executive on matters of safety for all road users.

Citizen Advisory Committee to the Transportation Planning Board **January 2015 to present**
Metropolitan Washington Council of Governments
As a member and past chair of this CAC, I help promotes public involvement in transportation planning for the region and provides independent, region-oriented citizen advice to the TPB.