

Committee on Science, Space, and Technology

U.S. House of Representatives

Witness Disclosure Requirement - "Truth in Testimony"  
 Required by House Rule XI, Clause 2(g)(5)

1. Your Name: Shuyi Chen

2. Are you testifying on behalf of the Federal, or a State or local government entity? Yes  No

3. Are you testifying on behalf of an entity that is not a government entity? Yes  No

4. Other than yourself, please list which entity or entities you are representing:  
  
Not applicable

5. Please list any Federal grants or contracts (including subgrants or subcontracts) that you or the entity you represent have received on or after October 1, 2010:  
  
DOD, DOE, NASA, NSF, NOAA

6. If your answer to the question in item 3 in this form is "yes," please describe your position or representational capacity with the entity(ies) you are representing:

7. If your answer to the question in item 3 is "yes," do any of the entities disclosed in item 4 have parent organizations, subsidiaries, or partnerships that you are not representing in your testimony? Yes  No

8. If the answer to the question in item 3 is "yes," please list any Federal grants or contracts (including subgrants or subcontracts) that were received by the entities listed under the question in item 4 on or after October 1, 2010, that exceed 10 percent of the revenue of the entities in the year received, including the source and amount of each grant or contract to be listed:

I certify that the above information is true and correct.

Signature: 

Date: 6/24/13

## Grants and Contracts

INVESTIGATOR: **Shuyi S. Chen**

- Project / Proposal Title: Fully Coupled Atmospheric Wave-Ocean Modeling of Tropical Cyclones and Impacts over the Western Pacific Ocean (66457G)  
Role: PI  
Source of Support: ONR  
Total Award Amount: \$805,275  
Location of Project: Miami, FL  
Start & End Date: 04/01/2008 – 12/31/2012  
Person-Month per Year Committed to the Project: Cal: 2.0
  
- Project / Proposal Title: Improving Understanding and Prediction of Tropical Cyclogenesis Using NASA Satellite Data and High-Resolution Numerical Models  
Role: PI  
Source of Support: NASA  
Total Award Amount: \$60,000  
Location of Project: Miami, FL.  
Start & End Date: 09/01/2009 – 08/31/2012  
Person-Month per Year Committed to the Project: Cal: 0.0
  
- Project / Proposal Title: A Unified Air-Sea Interface for Fully Coupled Atmospheric-Wave-Ocean Models for Improving Intensity Prediction of Tropical Cyclones  
Role: PI  
Source of Support: ONR N000141010162  
Total Award Amount: \$781,398  
Location of Project: Miami, FL.  
Start & End Date: 12/01/2009 – 09/30/2013  
Person-Month per Year Committed to the Project: Cal: 1.0
  
- Project / Proposal Title: Aircraft Measurements for Understanding Air-Sea Coupling and Improving Coupled Model Predictions Over the Indian Ocean  
Role: PI  
Source of Support: ONR N000141110562  
Total Award Amount: \$100,000  
Location of Project: Miami, FL.  
Start & End Date: 02/01/2011 – 09/30/2013  
Person-Month per Year Committed to the Project: Cal: 0.5

- Project / Proposal Title: Convection Structure and Environmental Conditions in the MJO Initiation Over the Indian Ocean

Role: PI

Source of Support: NOAA NA11OAR4310077

Total Award Amount: \$307,600

Location of Project: Miami, FL.

Start & End Date: 09/01/11-08/31/14

Person-Month per Year Committed to the Project: Cal: 1.0
  
- Project / Proposal Title: Dropsonde Measurements for Characterizing Lower Troposphere Moisture Variability and Air-Sea Interaction Over the Tropical Indian Ocean

Role: PI

Source of Support: NSF AGS1062242

Total Award Amount: \$247,801

Location of Project: Miami, FL.

Start & End Date: 08/15/11-07/31/14

Person-Month per Year Committed to the Project: Cal: 0.6
  
- Project / Proposal Title: Consortium for Advanced Research on Hydrocarbon Transport in the Environment (CARHTE)

Role: Co-PI

Source of Support: Consortium of Ocean Leadership SA1207GOMRI005

Total Award Amount: \$380,045

Location of Project: Miami, FL.

Start & End Date: 10/01/11-12/31/13

Person-Month per Year Committed to the Project: Cal: 1.0
  
- Project / Proposal Title: Coupled Wind/Wave Simulation models to Characterize Hurricane Load Cases

Role: PI

Source of Support: NREL

Total Award Amount: \$120,000

Location of Project: Miami, FL.

Start & End Date: 10/16/12 – 10/15/14

Person-Month per Year Committed to the Project: Cal: 0.5