# Cover Page

**Office of Advanced Scientific Computing Research (ASCR)**

A Hierarchical Approach to Uncertainty Quantification

Lab 13-895

For the period September 1, 2013 – August 31, 2016

Principal Investigator Official Signing for LBNL

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PI Signature and Date Official Signature and Date

**DOE / Office of Science Program Office Technical Contact:** Dr. Steven L. Lee

**Research areas:** Monte Carlo methods, sampling techniques, incorporating data

from experiments to reduce uncertainty

Use of Human Subjects: No

Use of Vertebrate Animals: No

Cover Page Supplement for Collaborations

Participating Institutions:

Lawrence Berkeley National Laboratory, PI: John Bell

National Renewable Energy Laboratory, PI: Ray Grout

New York University, PI: Jonathan Goodman

The lead PI for the combined research activity is John Bell, LBNL

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| **A Hierarchical Approach to Uncertainty Quantification** | | | | | | |
|  | Names | Institution | Year 1 Budget | Year 2 Budget | Year 3 Budget | Total Budget |
| Lead PI | John Bell | LBNL |  |  |  |  |
| Co-PI | Ray Grout | NREL |  |  |  |  |
| **Totals** |  |  |  |  |  |  |

Note: We have not included a separate item for the NYU effort in the table. NYU effort would be funded by a subcontract administered through LBNL. The annual funding for that subcontract is $100K.