



# NIH - NHIR: Comprehensive Evaluation of Interactions between Engineered Nanomaterials and Biological System (U01)



**Sponsor:** NIH

**Program:** Nanomaterials Health Implications Research (NHIR): Comprehensive Evaluation of Interactions between Engineered Nanomaterials and Biological System (U01)

**Estimated Award Amount:** \$300,000 over 5 years

**JHU Nomination Limit:** 1

**For more detailed information:** [NHIR ENMs U01 Program](#)

## *Deadlines:*

JHU Internal Deadline: September 30, 2015

Sponsor Deadline (LOI): October 30, 2015

Sponsor Deadline (Full App): November 30, 2015

The interaction of Engineered Nanomaterials (ENMs) and biological systems is guided by their material properties; thousands of ENMs have been generated with subtle changes in these physicochemical properties. Developing comprehensive biological response profiles for a large number of ENMs present in diverse nanoenabled products is a difficult task. The NIEHS Nanotechnology Health Implications Research (NHIR) program is being established to gain a better understanding of ENMs-biological interactions to guide development of benign ENMs and support safe and sustainable use of nanotechnology.

## Eligibility & Requirements:

- All PD(s)/PI(s) must have an eRA Commons account; no other PI restrictions.

## Internal Nomination Process:

Interested applicants should send the following documents **in sequence in one PDF** to [resapp@jhu.edu](mailto:resapp@jhu.edu) no later than **4 p.m. on September 30, 2015**:

1. [JHU Limited Submission Cover Sheet](#)
2. Abstract (one page, double-spaced)
3. Proposal (maximum of four pages of text only, single spaced: 12-pt font and one-inch margins)  
(Note: figures, tables, and other reference material should not be included as text)
4. Curriculum Vitae of investigator, including current external research support and publications
5. Budget (two pages maximum)
6. Letters of Recommendation from the Department Chair/Director  
(Note: Letters of Recommendation can be submitted separately to [resapp@jhu.edu](mailto:resapp@jhu.edu) stating your name in the subject line)

Each applicant should expect to receive a confirmation of receipt of their materials. If an applicant does not receive an acknowledgement, or has any questions, please contact **Janet Palmer** via [resapp@jhu.edu](mailto:resapp@jhu.edu), or by phone to 410-516-5917.