

## Sustainability Research Opportunities

4/14/09

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### NATIONAL SCIENCE FOUNDATION

- Division of Civil, Mechanical and Manufacturing Innovation (CMMI)
  - **Submission Window: Jan 15 – Feb 15, or Sept 1 – Oct 1**
  - Resilient and Sustainable Infrastructures
    - [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13545](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13545)
  - Infrastructure Management and Extreme Events
    - [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13353](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13353)
  - Civil Infrastructure Systems
    - [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13352](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13352)
  - Geotechnical Engineering
    - [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13351](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13351)
  - Structural Materials and Mechanics
    - [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13357](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13357)
- Division of Chemical, Bioengineering, Environmental, and Transport Systems (CBET)
  - **Submission Window: Feb 1 – Mar 1 or Aug 15 – Sept 15)**
  - Environmental Sustainability
    - [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=501027](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501027)
  - Energy for Sustainability
    - [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=501026](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501026)
- Division of Electrical, Communications and Cyber Systems
  - **Submission Window: Sep 7 - Oct 7 or Jan 7 – Feb 7**
  - Power, Controls and Adaptive Networks (PCAN)
    - [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13380&org=ECCS&from=home](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13380&org=ECCS&from=home)
    - Sustainable and distributed energy systems
- Small Business Innovation Research (SBIR) (NSF08548) - Materials for Sustainability

### ENVIRONMENTAL PROTECTION AGENCY

- STAR Research Grants
  - Innovative and Integrative Approaches for Advancing Public Health Protection Through Water Infrastructure for Sustainability - **Opens April 2009**
- Small Business Innovation Research Phase I
  - [http://es.epa.gov/ncer/rfa/2009/2009\\_sbir\\_phase1.html#III](http://es.epa.gov/ncer/rfa/2009/2009_sbir_phase1.html#III)
  - Green Building Materials and Systems
  - Innovation in Manufacturing, Nanotechnology
  - Greenhouse Gases, Drinking Water and Water Monitoring
  - Water Infrastructure, Air Pollution, Biofuels and Vehicle Emissions Reduction
  - Waste Management and Monitoring, Homeland Security
  - **Due Date: May 20, 2009**

### NATIONAL INSTITUTE OF HEALTH

- Geographic and Contextual Influences on Energy Balance-Related Health Behaviors (R01)
  - <http://grants.nih.gov/grants/guide/pa-files/PA-08-192.html>
  - **Due Date: 6/5/09**

### COMPTON FOUNDATION, INC.

- Peace/Security, Environment/Sustainability & Population
  - **Next Deadline: September 7, 2009**
  - Supports projects addressing community, national, & international concerns in the areas of Peace & Security, Environment & Sustainability, & Population & Reproductive Health. Foundation seeks to

foster human & ecological security by addressing contemporary threats to these inalienable rights & envisions a world in which humans live in harmony with each other, and in sustainable balance with the earth. Priority given to policy-related, interdisciplinary, & action-oriented projects.

- See <http://www.comptonfoundation.org/>

## **HEWLETT PACKARD**

- HP Labs Innovation Research Program
  - **Next Deadline: March 2, 2009**
  - Topics are grouped into the eight broad research themes below, which represent the portfolio of high-impact research currently underway at HP Labs. Analytics, Cloud, Content Transformation, Digital Commercial Print, Immersive Interaction, Information Management, Intelligent Infrastructure, Sustainability
  - See [http://www.hpl.hp.com/open\\_innovation/irp/index.html](http://www.hpl.hp.com/open_innovation/irp/index.html)

## **ENVIRONMENTAL RESEARCH AND EDUCATION FOUNDATION**

- Grants Program (Solicited and Unsolicited Proposals)
  - Deadline: Jan 8 and Jul 01 annually
  - Supports research and education on solid waste management.
  - Solicits proposals in nine long-term priority areas Landfills, Transport/Collection, Policy/Economics, Recycling/Waste Minimization, Combustion/Waste-to-Energy, Equipment/Safety, Conversion Technologies, Life Cycle Inventory/Analysis, Education
  - Online pre-application required for unsolicited proposals (due 4/1 & 10/1 annually; April deadline extended to 5/10 in 2009).
  - <http://www.erefndn.org/guide.html>

## **UNLV URBAN SUSTAINABILITY INITIATIVE**

- USI Graduate Research Assistantships (applications in April, 2009)
- URBAN21 Seed Grants (proposals in late 2009)
- See <http://urban21.unlv.edu>