

International Call for Proposals in Sustainable Chemistry

IUPAC and the US National Science Foundation (NSF), the Deutsche Forschungsgemeinschaft (DFG) (German Research Foundation) of Germany, the National Natural Science Foundation of China (NSFC), and the Fundação de Amparo à Pesquisa do Estado de São Paulo (FAPESP) (the Sao Paulo Research Foundation) of Brazil, are pleased to issue an international call for proposals on “Novel Molecular and Supramolecular Theory and Synthesis Approaches for Sustainable Catalysis”.

This call is intended to foster multi-national cooperation in sustainable chemistry. All researchers who are working in the field of sustainable chemistry and are eligible to apply for financial support from their respective participating national research agencies, are cordially invited to apply. This program is designed for small teams of three or four principal investigators, encompassing at least three of the participating countries. While larger teams may be considered, it is incumbent upon the team to articulate a clear and strong plan that optimizes both scientific coherence and effective management of resources. Each team will submit a single, joint proposal.

The motivation of this call is to foster networking between excellent scientists on topics in chemistry exemplified by a three-year program in sustainable chemistry. Grants will support basic experimental and theoretical research. A successful proposal will have to:

1. Introduce novel approaches to develop a new generation of catalysts in which rare elements are replaced with earth abundant elements; and
2. Successfully address a significant environmental problem.

This grant program does not support: (i) basic research that focuses on biological techniques, cellular processes, or biomedical problems; (ii) applied research that focuses on extended solids and bulk materials, (iii) design, optimization, or other engineering aspects of devices; (iv) engineering aspects of chemistry, such as scale-up, processing, transport dynamics, and long-term stability.

This call involves the following partners:

- Fundação de Amparo à Pesquisa do Estado de São Paulo (FAPESP), Brazil; contact: Mr. Alexandre Roccatto <aroccatto@fapesp.br>
- National Natural Science Foundation of China (NSFC), China; contact: Prof. Dr. Guojun Zhang <zhanggj@nsfc.gov.cn>
- National Science Foundation (NSF), United States of America; contact: Dr. Zeev Rosenzweig <zrosenzw@nsf.gov> or Dr. Carol Bessel <cbessel@nsf.gov>
- Deutsche Forschungsgemeinschaft e.V. (DFG), Germany; contact: Dr. Markus Behnke <Markus.Behnke@dfg.de>

Research teams interested in this opportunity should be aware of the following important dates:

- Letters of intent are due February 1, 2013.
- Full proposals for eligible projects are due March 29, 2013.
- Final results of this call will be communicated to applicants by September 30, 2013.
- Funding of all awards will start no later than January 2014.

The Call is coordinated by the IUPAC Division of Chemistry and the Environment. Questions should be addressed to the call secretariat at proposal@iupac.org.

The IUPAC announcement can be found at <http://www.iupac.org/news/news-detail/article/international-call-for-proposal-in-sustainable-chemistry.html>.