

IUPAC CCE and Related Projects, July 28, 2006

http://www.iupac.org/standing/cce/cce_projects.html

- 2001-016-1-050 - [IUPAC chemical nomenclature for chemistry teachers at secondary schools](#)
- 2002-021-2-050 - [A feasibility study of the scope and limitation of machine translations as a means of disseminating useful reading material for chemical education to be used on the internet](#)
- 2003-055-1-050 - [Young Ambassadors for Chemistry \(YAC\)](#)
- 2004-047-1-050 - [Public understanding of science: identifying IUPAC's niche](#)
- 2005-002-2-050 - [Micro-scale chemistry for student laboratories in India](#)
- 2005-003-2-050 - [e-Quiz for promoting chemical education](#)
- 2005-029-1-050 - [Educational material for raising awareness of the Chemical Weapons Convention and the multiple uses of chemicals](#)
- 2005-030-1-050 - [New directions in teaching, learning and evaluation of chemical sciences at tertiary level in Sri Lanka](#)

* Interdivisional project

Other Interdivisional projects

- 2000-020-2-200 - [Collecting, testing and dissemination of experiments in solid state and materials chemistry](#)
- 2004-037-1-400 - [Design of polymer education material for French speaking countries](#)
- 2004-045-1-700 - [Training of school children on pesticides and health](#)
- 2004-048-1-020 - [A joint OPCW - IUPAC project on education and outreach regarding chemical weapons](#)

Other activities and projects of interest

- [The Flying Chemists Program](#)
 - > [Chemical Education International](#) (the e-journal succeeding to the [International Newsletter in Chemical Education](#))
 - > [Chemical Education and Sustainable Development \(2004 International Conference\)](#) ; [2000- event](#)
 - > [DIDAC](#)

- > [Virtual Chemical Education](#)
- > [International Network for Locally Produced Low Cost Equipment](#)
- > [Source Books for Teaching of Chemistry](#)
- > [CHEMRAWN X - Chemical Education](#)

- > [Teaching High Temperature Materials Chemistry at University](#)
- > [Green Chemistry in Africa](#) (a book meant for university students and with a focus on Africa)
- > [Global Climate Change](#) - a monograph for secondary schools
- > [Medicinal Chemistry Curriculum](#)
- > [The Science of Chemical Safety Essential Toxicology - an Educational Resource](#)

Committee on Chemistry Education (CCE)

The Flying Chemists Program

In January 2005, CCE embarked in a new initiative: the Flying Chemists Program (FCP). The aim is to provide emerging countries means to improve the teaching and learning of chemistry at primary, secondary, and tertiary levels. The FCP will provide a country with the expertise needed to strengthen chemistry education and to assist them in its development.



The program is preferably to be implemented for the development of economically disadvantaged countries. The host country will provide local costs (boarding and lodging), and CCE will provide the air fare. It is anticipated that visits will be considered only if invitations are received from a National Society, a Ministry of Education or Technology, or another comparable substantial organization.

Among the specific aims of the FCP are:

1. To assist in the development of curricula.
2. To help develop or recommend new tools of assessment.
3. To help recommend implementation of hand-on experiences at all levels of chemistry education.
4. To assist in the establishment of partnerships among universities, industries, and governments.
5. To help develop different approaches to the teaching of chemistry.
6. To develop successful international conferences to achieve expert advice on a particular aspect of chemistry education.
7. To help develop and implement teacher training and preparation programs.
8. To help identify and approach sources of funding.
9. To assist in other matters of chemistry education.

The host country is expected to make thorough preparations for the visit and coordinate all activities in order to achieve the specific goals and objectives of the visit. In addition, the requester should plan for meetings with the academics, industrialists, and government agencies in order to identify future viable strategies. This might help achieve the country a self-sustainable model. In general, the program should not exceed one week.

Projects under this program:

- > 2005-004-1-050 - [2005 visit to India](#)
- > 2005-030-1-050 - [2006 visit to Sri Lanka](#)

<program description published in [Chem. Int Jan-Feb 2006, p. 24](#)>