



PEACE & PROSPERITY THROUGH SCIENCE COLLABORATION

Chemical Security Engagement Program Grants



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Overview

- This workshop will demonstrate a variety of best practices and technical solutions for improving chemical security at your institution.
- Collaboration does not end with this workshop.
- CSP can provide financial or material support to help you implement chemical security solutions at your institution.
- This presentation will:
 1. Describe the various grants CSP offers
 2. Explain how to apply for CSP grants
 3. Describe and give examples of successful CSP grants



CRDF Global

- CRDF Global is a nonprofit organization that promotes international scientific and technical collaboration.
- CRDF Global is an implementer of the U.S. Department of State Chemical Security Engagement Program (CSP).
- **CSP, not CRDF Global, will determine which grant proposals to fund, but CRDF Global will be the point of contact for implementing these grants.**



CSP Grant Opportunities

CSP grant opportunities include:

1. Chemical Security Improvement Grants (CSIG)
2. Chemical Safety and Security Training (CSST) Grants
3. International Union of Pure and Applied Chemistry (IUPAC) Safety Training Program (STP)
4. CSP Travel Grants

Chemical Security Improvement Grants (CSIGs)



Chemical Security Improvement Grants (CSIGs)



CSIGs are grants to improve the physical and procedural security of chemical laboratories and facilities.

Competition Opens: First round: December 1, 2012

Application Deadline: First round: March 1, 2013

How to Apply: By email to csig@crdfglobal.org

Award Amounts: \$2,000 to \$30,000 each

Award Duration: Up to one year

Announcement & Application: www.csp-state.net

CSIG Proposal Topics

Proposals may cover any area of chemical security. Examples of acceptable CSIG proposal topics include:

- Updating procedures for secure chemicals management
- Establishing a secure “chain of custody” for chemicals at lab or facility
- Upgrading physical security at chemical warehouses/storage facilities and labs
- Conducting chemical security trainings
- Reducing, removing or replacing dual-use chemicals

Successful CSIG Applications Include

- Title (concise & descriptive)
- Applicant and host organization information
- Previous CSP funding & project funding from non-CSP sources
- Project description
- Contribution to chemical security
- Expected outcome and sustainability
- Schedule
- CVs for individuals compensated under project
- Budget

CSIG Evaluation Criteria

CSIG proposals will be evaluated based on the following criteria:

- Chemical security relevance and impact
- Clarity, accuracy and detail of project proposal
- Sustainability of proposed chemical security improvements, and/or local support for the project – demonstrated through in-kind contribution and/or cost share.

Chemical Safety and Security Training (CSST) Grants

CSIG

Grant Requirements

- An online library of resources and reference documents maybe viewed at the following location:
<http://www.crdfglobal.org/grants-and-grantees/terms-conditions>.
- The applicant will be required to submit financial documentation and reports, as well as narrative reports documenting project progress.



Chemical Security and Safety Training (CSST) Grants



CSST grants are available for alumni of CSP chemical security and safety trainings to lead their own trainings.

Grants may fund:

- Trainer labor costs
- Training material and supply costs
- Participant travel expenses
- Training venue costs (if applicable)

CSP encourages trainers to use the chemical security and safety training modules developed by Sandia National Laboratories, available at:

www.csp-state.net



Examples of Chemical Security and Safety Trainings



Yemeni Universities Chemical Security and Safety Training, Aden, Yemen – July 2012

Indonesian Chemical Society Chemical Safety and Security Officer Training – November 2012

Sana'a Chemical Safety and Security Training for Academia, Industry & Regulators – January 2013

Successful Proposals Include

- Title (concise & descriptive)
- Applicant and host organization information
- Description of training and proposed dates
- Contribution to chemical security
- Sustainability measures
- Schedule
- Training agenda and material
- CVs of applicant, trainers & staff
- Budget

CSST Grant Applications

Applications will be available at:

- www.csp-state.net
- www.crdfglobal.org/grants-and-grantees/current-funding-opportunities

To apply send application form & budget along with all other required documents to: csst@crdfglobal.org.

International Union of Pure and Applied Chemistry (IUPAC) Safety Training Program (STP)

IUPAC Safety Training Program (STP)



- Opportunity for mid-level chemical practitioners
- One to three week trainings – at IUPAC Company Associates
- Hosts share knowledge of safety and security in chemical research and production

STP covers trainee accommodation, subsistence and travel expenses for the duration of the program.



“IUPAC serves to advance the worldwide aspects of the chemical sciences and to contribute to the application of chemistry in the service of Mankind.”

www.iupac.org

- Represents 85% of the world's chemical research institutes and industries
- Bridges academia, industry and the public sector

IUPAC – CSP Common Goals



- Promoting chemical safety and mitigating chemical risks
- Fostering peaceful collaboration and the exchange of technical and scientific knowledge

Trainees



- Mid-career chemical practitioners
- Working in government, industry or academia
- Address chemical safety and security in chemical production or teaching
- Able to influence safety and security practices in workplace or within the country

Company Associates



For STP: Industrial companies
& Laboratories

- Dow Chemical Company
- Astra Zeneca
- Nestle SA
- BASF France
- Bayer AG
- Evonik Industries



Post STP Activities



Trainees will send IUPAC a report summarizing the training topics areas & plan to implement what they learned.

Trainees will provide a presentation on their training at upcoming STP workshop at the IUPAC Congress.

Applying to the Safety Training Program



Application Requirements:

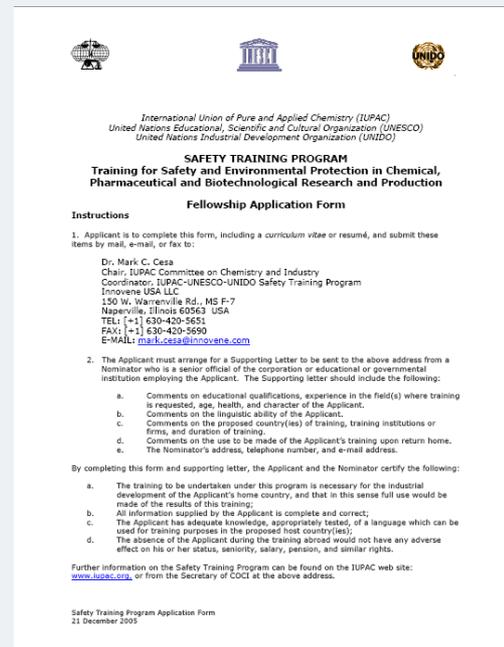
- CV or resume
- Letter of support
- STP Application form

Application form is available at:

www.iupac.org/committee/coci/safety-training-program.html

Submit Application to:

Bailey Culp, Bculp@crdfglobal.org



CSP Travel Grants

CSP

Travel Grants

Applicants must:

- Hold a valid passport
- Be sufficiently fluent in the language of the conference to participate fully

To apply:

- www.csp-state.net
- Apply at least 120 days in advance of the event if you require a visa, or at least 90 days if you have or do not need a visa
- **In the application, describe in detail how this event will enable you to promote chemical security best practices**
- Applicants are strongly encouraged to submit abstracts and make presentations at meetings and conferences

Award requirements:

- Must submit a Trip Report within 4 weeks of travel completion

Previously Supported Conferences

| Name of Event | Location | Date |
|--|------------------------|-----------|
| Higher Education Chemical Safety: Best Practices and Lessons Learned | Texas, U.S.A | Nov. 2012 |
| APEC Chemical Regulators Workshop | Bangkok, Thailand | Nov. 2012 |
| YoungChem2012 International Congress of Young Chemists | Warsaw, Poland | Oct. 2012 |
| 16th Session of the States Parties | The Hague, Netherlands | 2011 |
| OECD Clearinghouse and APEC Regulators Forum | Singapore | 2012 |

Travel Support

List of updated events available at: www.csp-state.net

| Name of Event | Location | Date | Comments |
|--|----------------------|---------------------|---|
| Pure and Applied Chemistry International Conference (PACCON 2013) | Chon Buri, Thailand | 23 - 25 Jan 2012 | International conference focusing on global chemical sciences for the green community |
| International Conference for Young Chemists (ICYC) | Penang, Malaysia | 31 Jan - 1 Feb 2013 | Conference for young researchers aims at sharing knowledge, and networking among local and international researchers and encouraging cross-linking between various fields of chemistry. |
| "Is Your Laboratory Safe?" Training Workshop on the Preparation of Chemical Safety Manuals | TBA, The Philippines | 11-13 Feb 2013 | Workshop hosted by the Integrated Chemists of the Philippines |
| Annual International Conference on Chemistry, Chemical Engineering and Chemical Process | Singapore | 25 - 26 Feb 2013 | Conference aiming to foster collaborative interdisciplinary research in state-of-the-art methodologies and technologies within chemistry, chemical engineering and chemical process. |
| Advancing Green and Sustainable Chemistry | Portland, Oregon | 6-8 Mar 2013 | Industry conference involving private sector, government and NGOs on green chemistry |
| 2013 Responsible Care Conference & Exhibition | Miami, Florida | 5-8 May 2013 | This annual event explores environmental, health, safety and security performance. |

CSP Grant Opportunities Recap

1. Chemical Security Improvement Grants (CSIG)
2. Chemical Safety and Security Training (CSST) Grants
3. International Union of Pure and Applied Chemistry (IUPAC) Safety Training Program (STP)
4. CSP Travel Grants

QUESTIONS?

If you have questions on
proposal development contact:

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