CALL for APPLICATIONS

by

IUPAP-IUCr

Lightsources for Africa, the Americas & Middle East Project (LAAMP) for

Faculty-Student Teams to Spend Two (2) Months

During June - December 2017 at

Participating Advanced Light Sources

DEADLINE: APRIL 21, 2017

ICSU has awarded the International Union of Pure and Applied Physics (IUPAP) and the International Union of Crystallography (IUCr) a grant to enhance advanced light source (AdLS) and crystallography sciences in four targeted regions of the world: Africa, the Caribbean, Mexico and Middle East. Part of that funding will be allocated to send faculty-student teams for two (2) months during June - December 2017 to LAAMP’s AdLS collaborative partners to participate in learning AdLS beamline techniques, including those involving crystallography.

Who is Eligible?

**Faculty**
Employed as a full-time faculty member at an accredited Ph.D. granting university that is located in Africa, the Caribbean, Mexico or the Middle East.

Accompanied by one’s Ph.D. student research advisee.

Interested in using AdLSs to further one’s research and training endeavors.

Previous experience with using AdLSs is limited to a year or less.

Ability to spend two (2) months during June - December 2017 as a full-time visitor in residence at an AdLS that is a LAAMP Collaborative Partner.

**Student**
Registered as full-time Ph.D. student at an accredited university that is located in Africa, the Caribbean, Mexico or the Middle East.

Accompanied by one’s faculty research advisor.

Interested in using AdLSs in one’s dissertation research.

Ability to spend two (2) months during June - December 2017 as a full-time visitor in residence at an AdLS that is a LAAMP Collaborative Partner.
**Amount of Financial Support**

LAAMP will provide 2,000 Euros per person to cover transportation costs. Any excess will be applied to accommodation and subsistence. The remainder of accommodation and subsistence should be negotiated with the host AdLS and other sources of support.

**Deliverables**

At the conclusion of the visit to the host AdLS, the Faculty-Student Team should provide the following:

1. Maximum 10-page description of the research conducted, including any publications that result.
   
   *All publications should acknowledge the support provided by IUPAP-IUCr LAAMP within the ICSU Grants Programme 2016-2019.*

2. Maximum 3-page report that evaluates the non-scientific aspects of the visit, including positive experiences as well as ways that the visit could be enhanced in the future.

**Who are LAAMP’s AdLS Collaborative Partners?**

Advanced Photon Source (USA)
ALBA (Spain)
Canadian Light Source
DELTA (Germany)
ELETTRA (Italy)
European Synchrotron Radiation Facility (France)
National Synchrotron Light Source-II (USA)
Photon Factory (Japan)
SESAME (Jordan)
Stanford Synchrotron Radiation Lightsouce (USA)

**To What Persons and Email Addresses Should Applications be Submitted?**

**Residents of Africa**
Professor Simon Connell
University of Johannesburg
Department of Mechanical Engineering Science
Faculty of Engineering and the Built Environment
Resolution Circle, 8th Floor, South Annex
cnr Empire Road and Barry Hertzog Avenue
Milpark, Johannesburg, 2006, South Africa
Email: shconnell@uj.ac.za
Residents of Caribbean
Professor Carlos R. Cabrera
University of Puerto Rico, Río Piedras Campus
Department of Chemistry
P.O. Box 23346
San Juan, PR 00931-3346
Email: carlos.cabrera2@upr.edu

Residents of Mexico
Professor Matías Morena
Universidad Nacional Autónoma de México
Instituto de Física
Departamento de Física Teórica
Edificio Marcos Moshinsky, 2º p. C-250
Ciudad Universitaria, Coyoacán, C.P. 04510
México
Email: matias@fisica.unam.mx

Residents of the Middle East
Professor Özgül Öztürk
Department of Physics
Universität Siegen
Siegen, North Rhine-Westphalia
Germany
Email: ozgulkurtulus@gmail.com

Note: Final funding is dependent upon suitable arrangements being made with a LAAMP AdLS Collaborative Partner.
APPLICATION

(Submit only 1 Application for each Faculty-Student Team)

Personal Information

**Faculty**
Name:

Title:

Department:

Institution:

Address:

Email Address:

Office Phone Number:

Mobile Phone Number:

Fax number:

Website:

**Student**
Name:

Email Address:

Mobile Phone Number:
Research Information

Please provide the information below:

1. Maximum two-page description of your research to be initiated or enhanced by the visit to the AdLS, identifying the specific AdLS, staff mentor, beamline and instrumentations to be utilized. Make clear whether this is a new research direction for you.

2. Note of acknowledgement from an AdLS staff member that she/he will serve in the role of mentor.

3. Up to three (3) of the faculty’s most significant publications.

Faculty’s Electronic Signature:  Date:

Student’s Electronic Signature:  Date: