

**NARST: A Worldwide Organization for Improving Science Teaching and Learning through Research**

**International Committee**

**Call for Proposals**

**Linking Science Educators Program (LSEP) 2020**

**Description**

NARST is a worldwide organization committed to help all learners to achieve scientific literacy as an ultimate goal and to cooperate with other educational and scientific societies to influence science education policies. The Linking Science Educators (LSEP) program is an initiative designed to contribute to the improvement of science education in countries interested in science education reform. In particular, the program intends to support representatives from countries that are either economically disadvantaged (e.g., UNDP Human Development Index 0.80 or below) or educationally disadvantaged countries (e.g., low financial support towards science education with respect to their gross national product for education). However, the LSEP award can also be awarded to researchers and science education practitioners who seek to implement new ideas on science educational reform in their countries, but cannot attain enough financial support.

The LSEP program seeks to act as a catalyst whereby NARST members contribute their expertise and experiences in theory and in practice to people in different countries by participating as a resource-individual. The LSEP program supports economy round-trip airfare for resource-individuals (who must be NARST members) and the host country is expected to provide the cost for the resource person's stay and for expenses for the proposed activities (e.g., conference, workshop, seminar, or other activity). Countries that are involved in science education reform are encouraged to submit a proposal for the LSEP program via the chairpersons of their science education association, or other recognized bodies in the country, to the NARST International Coordinator/International Committee Chair.

## **Purpose**

The *Linking Science Education Program (LSEP)* has been established for the following purposes:

1. Connect science educators with countries interested in improving science education, in particular, to economically disadvantaged or underrepresented countries for implementing new ideas in science education reform.
2. Encourage NARST members to contribute their expertise and experiences in theory and practice to different regions and countries.
3. Demonstrate the commitment of NARST to improving science education research in different cultures.
4. Share responsibilities for improving scientific literacy of all citizens in 21<sup>st</sup> century.
5. Promote active interaction among science education associations.

## **Who is eligible for this program?**

1. Countries that are willing to implement science education reform will be strongly encouraged to submit the proposal for the LSEP program either via the chairpersons of their science education association or from other internally recognized bodies that are associated with the improvement of science education.
2. LSEP program will act as a catalyst to encourage NARST members to contribute their expertise and experiences in theory and practice to different regions and countries.

## **Budget anticipated**

The maximum total amount of this proposal is \$5,000.

**Submission deadlines: February 1, 2020**

**Starting and ending time: March 20, 2020 - December 31, 2020**

## **Who are the resource experts?**

All NARST members are eligible and encouraged to contribute their experiences and expertise to the LSEP program.

### **Procedures and requirements of application**

The following procedures are recommended to those who are interested in applying LSEP:

1. Download LSEP announcement, application form and evaluation forms from [www.narst.org](http://www.narst.org), the official website of NARST.
2. Search for potential resource persons who will agree to come.
3. Consult the NARST International Coordinator or the Chair of the LSEP committee, Sara Wilmes at [sara.wilmes@uni.lu](mailto:sara.wilmes@uni.lu) for preparation of the proposal if needed.
4. Submit the proposal to the NARST International Coordinator, Sonya Martin electronically at [sonya.n.martin@gmail.com](mailto:sonya.n.martin@gmail.com)

### ***Additional Requirements (for funded projects)***

5. Write a 1-page description of the project to advertise the project on the NARST website. The description should be submitted to the NARST International Coordinator. Any questions about how to prepare the summary can be directed to the International Coordinator.
6. Write a 1-page report after completing the project for NARST and submit it to the NARST International Coordinator. The report will describe how the project was implemented and outcomes from the project. Support will be provided by the International Coordinator in writing the report if needed.

### **Selection Process**

The LSEP Sub-Committee will review all applications based on the provided criteria. Preference will be given to applicants who demonstrate a strong case for science education reform in their country that would benefit from international expertise. Recipients are chosen through a review process by all members of the International Committee, and approval by the NARST Board of Directors.

**National Association for Research in Science Teaching  
International Committee**

*Linking Science Educators Program Review Criteria*

**Applicant:**

**Country:**

**LSEP Type: (Conference/Workshop/Seminar) (choose one)**

**Summary Table**

	Review category	Points (Max 100 scores)	Scores
1	Applicant's Status	10	
2	Meets LSEP Requirements	15	
3	Content and Value of the Proposal	20	
4	Contribution to NARST and International Community	20	
5	Contribution to Applicant's Country	25	
6	Qualification of Resource Persons	10	
		Total	

- i. Strongly recommend (85-100)
- ii. Recommend (75-84)
- iii. Recommend with reservations (60-74)
- iv. Not Recommend (50-59)
- v. Strongly not recommend (under 50)

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 Descriptions of review categories:

scores

1. Applicant's status (10%)

- (1) Applicant is a CURRENT member of NARST
- (2) Applicant is the chair of science education association in his/her country
- (3) Applicant shows strong competence in conducting LSEP

all fit well (7-10%)    partially fit (3-6%)    all NOT fit well (0-2%)

2. Meets LSEP Requirements (15%)
- (1) An emergent need for improving science education quality
  - (2) Economically disadvantaged or underrepresented countries
3. Content and Value of the Proposal (20%)
- (1) With the value of promoting science education
  - (2) Planned activity is feasible
  - (3) Anticipated outcomes could be achieved
4. Contribution to NARST and International Community (20%)
- (1) Fulfill the mission in promoting quality of teaching and learning in science
  - (2) Fulfill the mission in communicating with researchers internationally
5. Contribution to Applicant's Country (25%)
- (1) Fulfill the mission in promoting quality of teaching and learning in science
  - (2) Fulfill the mission in communicating with researchers
  - (3) Potential influence on changing science education policy
  - (4) Invite various types of participants to attend the activity
6. Qualification of Resource Persons (10%)
- (1) Background and experience of resource persons in science education
  - (2) Appropriateness to the anticipated activity

General Comments: