



International Committee

## Call for Proposals

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

#### **Descriptions**

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, initiated by International Committee of NARST, is an initiative designed to contribute to improvement of science education in countries interested in science education reform. In particular, the program intends to support initiatives 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 of science education

The LSEP program supports the economy round-trip airfare for resource-individuals (who must be NARST members) while the host country would provide the cost for the resource person's stay and for expenses for the proposed activity (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. The LSEP program will act as a catalyst so NARST members may contribute their expertise and experiences in theory and in practice to people in different countries.

To qualify for a LSEP, the chairperson of a national science education association or other recognized body must submit an application to the NARST International Coordinator/International Committee Chair using the appended form.

#### **Purpose**

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

1. Bring science educators to countries which are interested in improving science education. In particular, the program is addressed to economically disadvantaged for implementing new ideas in science education reform.
2. Encourage NARST members to contribute their expertise and experience in theory and practice to different regions and countries.
3. Demonstrate the commitment of NARST to improving science education in different cultures.
4. Share responsibilities for improving scientific literacy of global 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.

### **What does the LSEP program cover?**

The LSEP program supports round-trip economy airfare for the resource expert(s) (who must be NARST members) while the host country provides the cost for the resource person (s) stay and for the conference/workshop/seminar, or other activity. Translations of materials that will be used in the country activities, if needed, are the responsibility of the host country.

### **Budget anticipated**

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

**Submission deadlines: February 5, 2017**

**Starting and ending time of the project:** March 15, 2017–December 31, 2017

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

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 to your country.
3. Interact with the NARST International Coordinator/International Committee Chair for preparation of the proposal.
4. Submit the proposal to the NARST International Coordinator, Lucy Avraamidou electronically at L.Aвраamidou@rug.nl, fax (+31 50 363 7453) or regular post to:  
National Association for Research in Science Teaching  
11130 Sunrise Valley Drive, Suite 350, Reston, VA 20191 USA  
Phone: 703-234-4138 - Fax: 703-435-4390
5. Receive review comments from the NARST International Coordinator/International Committee Chair and make revisions for re-submission, if necessary.
6. Wait for the results of the final reviews to be announced.
7. If proposal is accepted, implement the proposed project.

### ***Additional Requirements***

8. Write a one-page description of the project and submit it to the NARST International Coordinator/International Committee Chair. This description will be posted on the NARST website. Support will be provided by the International Coordinator in writing the report if needed.
9. Write a one-page report after completing the project for the NARST and submit it to the NARST International Coordinator/International Committee Chair. Support will be provided by the International Coordinator in writing the report if needed.

### **Selection Process**

The International Committee will decide on those receiving the LSEP awards by consensus based on the need of applicants and strength of the proposal. 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, final nomination by NARST International Committee, and approval by the NARST Board of Directors.

The selection process will be as follows:

1. Distribute application documents for evaluation by the International Committee
2. Review and synthesize the recommendations of the Committee.
3. Make decisions based upon the consensus of the Committee
4. Report to the NARST Board of Directors and to the applicants regarding final awardees



## *Linking Science Educators Program (LSEP)*

### PROJECT SUBMISSION FORM

This program is available to countries interested in improving science education with support from experts who are members of *NARST: A Worldwide Organization for Improving Science Teaching and Learning through Research*. The chairpersons of science education association in these countries or other recognized bodies in the countries are eligible to submit project proposals.

The form should be completed with a word processor and returned to the Chair of the NARST International Committee, Lucy Avraamidou at [L.Avraamidou@rug.nl](mailto:L.Avraamidou@rug.nl) preferably as an e-mail attachment. Please do not remove section headers and answer all questions; indicate NA when a question does not apply to the proposal.

#### APPLICANT

##### PART A

<i>for administrative use only</i>	
<b>Date</b>	
<b>Project Title</b>	
<b>Time Frame</b>	
<b>Keywords</b>	(at least 3 keywords)
<b>Individual submitting the proposal</b> (has to be NARST member)	(including address and e-mail)
<b>Other individuals participating in the proposal</b>	(including address and e-mail)
<b>Objectives</b>	(<50 words)
<b>General Description</b> (including names and institutions of resource)	(suggest approx. 2 pages)

<b>persons who have to be NARST members. If not, they have to register before conducting the project)</b>																												
<b>Duration</b>																												
<b>Beneficiaries (who and how many)</b>																												
<b>Place</b>																												
<b>Type of LESP</b>	(Conference, workshop, lecture, etc.)																											
<b>Program agenda</b>																												
<b>Outcome</b> (please tick box)	<table style="width: 100%; border: none;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 10%; text-align: center;">Yes</th> <th style="width: 10%; text-align: center;">No</th> </tr> </thead> <tbody> <tr> <td>Journal papers</td> <td></td> <td></td> </tr> <tr> <td>Book</td> <td></td> <td style="text-align: center;"><input type="checkbox"/> <input type="checkbox"/></td> </tr> <tr> <td>Workshop or conference proceeding</td> <td></td> <td style="text-align: center;"><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></td> </tr> <tr> <td>Set of instructional materials</td> <td style="text-align: center;"><input type="checkbox"/> <input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Database</td> <td style="text-align: center;"><input type="checkbox"/> <input type="checkbox"/></td> <td></td> </tr> <tr> <td>Web page</td> <td style="text-align: center;"><input type="checkbox"/> <input type="checkbox"/></td> <td></td> </tr> <tr> <td>Newspaper</td> <td style="text-align: center;"><input type="checkbox"/> <input type="checkbox"/></td> <td></td> </tr> <tr> <td>Other: .....</td> <td></td> <td></td> </tr> </tbody> </table>		Yes	No	Journal papers			Book		<input type="checkbox"/> <input type="checkbox"/>	Workshop or conference proceeding		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Set of instructional materials	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	Database	<input type="checkbox"/> <input type="checkbox"/>		Web page	<input type="checkbox"/> <input type="checkbox"/>		Newspaper	<input type="checkbox"/> <input type="checkbox"/>		Other: .....		
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Other: .....																												
<b>Dissemination Plan</b>																												
<b>Budget</b> (Total from all sources)																												
Travel																												
Administrative (copies of materials)																												
Local transportation																												
Other ( <i>describe</i> )																												
<b>Total</b> (in USD)																												

Requested from NARST	
External Funding Agency Applied to (if any)	
<b>Anticipated Impact</b>	
<b>Criteria for Retrospective Evaluation</b>	
<b>Reference persons</b>	



International Committee

***Linking Science Educators Program Review Form***

**Applicant:**

**Country:**

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

**Summary Table**

	<b>Review category</b>	<b>Points</b> (Max 100 scores)	<b>Scores</b>
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	
		<b>Total</b>	

- 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) Potential to contribute significantly to the broader science education community

(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: