



The Math Science Partnership of Greater Philadelphia

A Program of the National Science Foundation at La Salle University

MSPGP-PKAL Leadership Program **For Secondary and Higher Ed Math and Science Faculty**

The Math Science Partnership of Greater Philadelphia (MSPGP), in collaboration with Project Kaleidoscope (PKAL), a national leader in math and science reform at the collegiate level, invites secondary and college math and science faculty interested in developing their leadership skills to participate in a Leadership Development Program. Here leadership is broadly construed to include both formal and informal leadership.

The **MSPGP-PKAL Leadership Program** will build leadership capacity within the ranks of secondary and post-secondary educators, **in a way** that encourages both intra- and inter-institutional collaboration, **so that** improved achievement by math and science students in grades 6-12 can be achieved and sustained.

The linchpin of the program is a 5-day overnight Leadership Institute to be held at the Kirkridge Retreat Center in Bangor, PA from Monday, July 31 through Friday, August 4, 2006.

Due to its intensive nature, this program will be limited to 15 participants. Selection will be based on relevant experience in math and science education at their institution and in the Greater Philadelphia region as well as on insuring that a range of school districts and institutions of higher education (IHEs) are represented.

The deadline for applications is **Monday, April 24, 2006**.

About the Leadership Institute

At the Leadership Institute, the fifteen participants will:

- < engage in discussions concerning the major issues that 21st century math and science faculty leaders will face at the secondary and collegiate level
- < study leadership theory and practice leadership skills
- < reflect on personal and professional values and develop personal and leadership growth plans
- < refine their plans for a leadership project at their home institution
- < learn about specific topics that will be useful in bringing about math and science reforms that lead to improved student learning including:
 - o research on How People Learn and its implications for how we teach
 - o Formative Assessment
 - o Professional Learning Communities and how to facilitate them.
- < build connections with leaders from other MSPGP districts and institutions of higher education and look for ways that secondary and collegiate faculty can work together
- < participate in a Leadership Institute

In addition to the participants, there will also be a group of presenters/mentors attending the Leadership Institute. Each participant will be linked with a mentor who will support the participant both during and after the Leadership Institute. Other components of the Leadership Program include:

- a one-day pre-institute meeting to which the sponsoring administrator is also invited. See application form for examples of sponsoring administrators. This meeting will be on Wednesday May 17, 2006 from 9:30 am to 2:30 pm in Quakertown.
- three follow-up dinner meetings, one each to be held in fall 2006, winter 2007 and spring 2007.

Expectations:

Leadership program participants are expected to:

- commit to attending all sessions of the program
- undertake a leadership project at their home institution that is supported by their administration
- participate in future MSPGP activities.

Fees

Each participating institution, is \$250. (Partial scholarships are available based on demonstrated need.) This fee covers half the cost of room and board at the five-day Leadership Institute at the Kirkridge Center. All other costs associated with the Leadership Program will be covered by the MSPGP, including participant travel costs (up to \$100). Once applicants are selected, their sponsoring institution will be invoiced.

The Kirkridge Retreat Center (www.kirkridge.org/) is located in the Poconos near the Delaware Water Gap on a beautiful site with a scenic mountain top view and tranquil walks. Facilities are modest: participants will share double rooms and use communal bathrooms. There is no air conditioning, and the healthy, tasty meals do not include red meat.

Participants will receive a certificate of participation that can be submitted to their school district so as to receive Act 48 credit.

Application Process.

Applicants should submit an application form (available online at http://www.mspgp.org/PKAL_Leadership_Program.html) by **Monday, April 24, 2006**. The application should include:

- a preliminary description of their proposed leadership project (we anticipate that these proposals will be modified during the leadership institute)
- an institutional support form to be filled in by an administrator from the sponsoring institution, indicating support both for the applicant and for their proposed leadership project.

Notification of selection will be mailed out to applicants the week of May 1, 2006.