

# **STEM Equity Pipeline Project**

Funded by the National Science Foundation under Grant No. HRD-0734056

## **Forming a State Team**

### **State Team Composition**

The most important criteria for any member of your STEM Equity Pipeline State Team is that they have a personal passion and professional commitment to increasing the participation of women and girls in science, technology, engineering and math (STEM) career and technical education programs at the secondary and community college level.

### **State Contact(s)**

Each state participating in the Project must identify a lead contact. In the case where there are separate secondary and postsecondary agencies participating, there should be one person from each agency assigned this responsibility. This person:

- must be working full-time in the agency
- will be the main contact for the STEM Equity Pipeline Facilitator assigned to work with the state
- will organize and provide leadership for the State Team

### **State Leadership Team Members**

State Leadership Team Members, consisting of approximately 8-10 persons, will

- be trained to conduct training in the 5 Step Program Improvement Process.
- work with the STEM Equity Pipeline Facilitator to design State Team professional development and implementation of the 5 Step Program Improvement Process training.
- work with the STEM Equity Pipeline Evaluators to provide STEM career cluster and related data for use in the 5 Step training and for project evaluation purposes.
- function as the State Team planning committee and provide leadership to the State Team to implement their STEM Equity Pipeline plan.
- attend the STEM Equity Pipeline State Team Leadership Training in Washington, DC April 6-10, 2008. Each state team will receive up to \$7500 in travel reimbursement to support members of the state team to attend the training.

### **State Team Members**

State Team Members will:

- participate in State Team identified professional development to build their own professional development and technical assistance capacity through bi-monthly webinars, three webcasts and an annual professional development meeting.
- provide “extension services” to local teachers, administrators and staff at middle schools, high schools, and community colleges

State Team Members can include:

- Staff from the secondary and postsecondary education agencies in the states that administer funding for education programs at the high school and community college level and provide technical assistance and professional development to teachers and faculty.
- State Director of Career and Technical Education
- State Gender Equity Coordinator, Title IX Coordinator
- Tech Prep Coordinator
- Program staff supervising programs in the STEM career cluster programs of study
- Special Education staff and other disability specialists
- Department consultants in science, technology and mathematics education
- Project Lead The Way state director
- Cisco Academy state director
- Faculty from institutions preparing teachers in STEM career cluster programs of study
- Community college deans and instructional leaders
- County/Regional education service offices that provide professional development for teachers
- Teachers and administrators of secondary school districts who are educational leaders in STEM
- Staff from community based organizations and professional associations with a particular interest in women and girls in STEM education
- Staff from other STEM initiatives in the state
- Anyone the state wants to invite to participate in project activities

The state team can consist of as many interested individuals as possible bringing more expertise and support to the project as well as expanding the potential impact at the local level. State team members should be individuals who are in a position to provide professional development and technical assistance to middle school, high school and community colleges through their professional or volunteer positions.



## **Steps to Forming a State Team**

### **STEP ONE**

Identify the State Contact(s)

### **STEP TWO**

Identify the State Leadership Team members

### **STEP THREE**

Conduct State Leadership Team meeting(s)

- conduct environmental scan and develop data base of women and girls in STEM initiatives in your state
- identify potential State Team members

- develop initial STEM Equity Pipeline State workplan
- receive 5 step program improvement process training
- collect relevant evaluation data

#### STEP FOUR

Organize a STEM Equity Pipeline State Team orientation

#### STEP FIVE

Invite potential State Team members

#### STEP SIX

Conduct STEM Equity Pipeline State Team meeting(s)

- determine professional development needs
- complete STEM Equity Pipeline State Team plan
- conduct 5 step program improvement training

#### STEP SEVEN

Participate in STEM Equity Pipeline Virtual Learning Community

- monthly webinars
- quarterly webcasts
- listserv
- resource room
- bulletin board
- pod casts
- ??? more!!!

#### STEP EIGHT

Revisit your STEM Equity Pipeline State Team Plan quarterly with the State Leadership Team and annually with the State Team and revise as needed

#### STEP NINE

Provide professional development and technical assistance to middle school, high school and community college faculty and staff targeted to increasing the participation of women and girls in STEM cluster programs of study.

#### STEP TEN

Participate in project process and outcome evaluation activities.