

Metropolitan Chicago Region STEM Program Profile

Program Focus (check as appropriate): Science Technology
 Engineering Mathematics

Name of Program: Exploring (Science and Engineering Cluster)

Lead Organization: Universal Oil Products

Program Location/Address: UOP, 25 E Algonquin Rd Des Plaines, IL 60016

Program Website: : www.learningforlife.org <<http://www.learningforlife.org/>> national website;
<http://flnWSC.nWSC.org> <<http://flnWSC.nWSC.org/>> local website

Program Contact: Doug Galloway

Telephone: 847-391-3582

Email: Douglas.Galloway@uop.com

Program Description:

Exploring is a career education program for young men and women who are 15 to 20 years old. It is based on a unique and dynamic relationship between youth and organizations in their communities. The post at UOP has a specialized program for those students interested in pursuing careers in Science and/or Engineering. They meet starting in October, one day a week through April. During this time, they work on a specific project that they will present at the end of the program year. This year they worked on a project that focused on alternative methods of energy usage and comparing those to more traditional methods, going along with the trend of "going green" and overall conservation of resources.

Type of Program (check as appropriate):

<input type="checkbox"/>	Professional Development for Teachers	<input type="checkbox"/>	Lesson Plans for Teachers
<input checked="" type="checkbox"/>	Career Awareness	<input type="checkbox"/>	Internship
<input type="checkbox"/>	Mentorship	<input type="checkbox"/>	Job Shadowing
<input type="checkbox"/>	College Based or College Level Courses	<input type="checkbox"/>	Student Academic/Educational Enrichment Program
<input type="checkbox"/>	Other (please specify):		

Area Served:

<input type="checkbox"/>	Chicago	<input checked="" type="checkbox"/>	Cook County - North	<input type="checkbox"/>	Cook County - South and West		
<input type="checkbox"/>	DeKalb County	<input type="checkbox"/>	DuPage County	<input type="checkbox"/>	Grundy County	<input type="checkbox"/>	Kane County
<input type="checkbox"/>	Kankakee County	<input type="checkbox"/>	Kendall County	<input type="checkbox"/>	Lake County	<input type="checkbox"/>	Livingston County
<input type="checkbox"/>	McHenry County	<input type="checkbox"/>	Will County	<input type="checkbox"/>	Other (please specify):		

Age/Grade Level:

- Preschool
 Undergraduate
- Elementary (K-5)
 Graduate
- Middle School (6-8)
 Teachers/Counselors
- High School (9-12)
 Retiree/Career Changers

Targeted Population:

- Asian and/or Pacific Islander
 Disabled
 Women
- Black or African American
 Economically Disadvantaged
 Other (please specify): Youth
- Hispanic or Latino
 Native American Indian

Program Start Date: Annual program starts in October with an Open House in September or October

Program End Date: April

Cost to Participant: \$7 per year

Financial Assistance Available: Yes No

Total Number of Participants per Program Cycle: 10-20, currently 15 registered

Primary Funding Source (optional):

- Academia
 Government
- Foundation
 Self Pay
- Industry
 Other (specify):

Amount of Funding (optional):

Other Funding Sources and Amounts (optional):

Other Program Partners: