

JAMES R. JORDAN FOUNDATION
THE STEM PROGRAM
VOLUNTEER MENTORS APPLICATION



The James R. Jordan Foundation is looking for Mentors who will work with elementary-aged youth in the **STEM (science, technology, engineering and, mathematics) Program**, designed to increase African American, Latinos, and persons from lower socioeconomic backgrounds to participation in STEM careers and social entrepreneurship.

With the passage of President Obama's initiative "Educate to Innovate", there have been increased opportunities for young African Americans and Latinos in STEM. Some studies suggest that the lack of African Americans, Latinos, and persons from a lower socioeconomic background in these fields is due to a self-perception that STEM is too hard, lack of role models and mentors, pressure to earn money quickly by choosing careers that do not require extended periods of university study, and discouraging academic environments.

This program will meet two Saturdays per month beginning in June of 2016 and ending in April of 2017 from 9:00am – 3:00pm at Crane High School. There will be a week-long Summer Session, July 11 – 15, 2016. Selected Mentors will receive 200 hours of community service for working the entire program and 150 hours of community service if excused from the summer session.

Alumni Mentors are requested to work Saturday Sessions based on availability (excused absences will be permitted for college-related conflicts and emergencies) and the two-day training on June 27, and June 28, 2016 from 9:00am – 4:00pm. Additionally, Mentors will be entitled to recommendation letters for college or work.

Alternative Volunteer Options:

- Minimum of 8 Saturday sessions
- Week Long Summer Camp

Alumni Mentor Responsibilities

- Facilitate small group discussions with 7 – 10 youth
- Assist small groups with Cisco Networking Academy Curriculum
- Mentoring a group of 7 – 10 youth using provided curriculum
- Critical thinking and inquiry using various Board Games

Alumni Mentor Criteria

- Passion for working with youth in an educational and mentorship capacity
- Interest in STEM (science, technology, engineering, mathematics) and/or Entrepreneurship
- Demonstrated potential in the following areas:
 - Planning and organizing
 - Problem-Solving ability
 - Communication
 - Leadership
 - Cooperation and collaboration

	S	M	T	W	T	F	S
	27	28	29	30	31	1	2
Apr 2016	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
May 2016	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	1	2	3	4
Jun 2016	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30		

SUMMER SESSION – JULY 11 – 15, 2016

	S	M	T	W	T	F	S
Aug	28	29	30	31	1	2	3
Sep 2016	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	1
Oct 2016	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
Nov 2016	30	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
Dec 2016	28	29	30	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
Jan 2017	26	27	28	29	30	31	1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
Feb 2017	30	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
Mar 2017	28	29	30	31	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24

SCHEDULE – TOPICS SUBJECT TO CHANGE

Orientation	June 27-28, 2016
Self-Esteem/Empowerment	<i>July 11 – 15, 2016</i>
Ethical Decision Making	August 13, 2016
<i>Leadership</i>	August 27, 2016
Team Building/Group Dynamics	September 10, 2016
Field Trip	September 24, 2016
Professional Panel	October 8, 2016
Academic Success - Time Management	October 22, 2016
Academic Success - Study Skills	November 19, 2016
Communication	December 3, 2016
Professional Development	December 17, 2016
Social Entrepreneurship	January 21, 2017
Black History and STEM	February 11, 2017
Professional Workshop	February 25, 2017
Coding	March 11, 2017
Coding	March 25, 2017
STEM	April 2, 2017
Award Ceremony	April 23, 2017

PART 1: SHORT ESSAYS (3-5 SENTENCES FOR EACH QUESTION)

1. Why do you want to be a part of *the STEM Program* ...what do you think you will gain from the program?
2. Do you think it's important to have a program like *the STEM Program*? Why/Why not?
3. What unique skills and/or talents would you bring as a *STEM Program* Peer Mentor?
4. Discuss your experiences and abilities in the following areas:
 - a. Planning and organizing
 - b. Initiative
 - c. Problem-Solving ability
 - d. Decision-making ability
 - e. Communication
 - f. Leadership
 - g. Cooperation and collaboration

PART 2: LESSON PLAN (1 PAGE)

1. Provide a sample lesson plan (it can be academically-based or life skills/mentorship-based)
 - a. Description of Topic
 - b. Goals
 - c. Materials
 - d. Activities (needs to be hands-on with an inquiry based approach)
 - e. Evaluation
 - f. Classroom Management Techniques

PART 3: REFERENCE

Please submit an academic or professional reference

Name: _____ Relationship: _____

Reference email/phone #: _____

If applicable:

College/University Name: _____ Area of Study: _____

DEADLINE:

Completed applications are to be submitted to Beverly Smith
(bsmith@jamesjordanfoundation.com) by Friday June 17, 2016.
The decision regarding your application will be e-mailed by Monday June, 20, 2016.