

IQ STEM: INCREASING QUALITY STEM SECONDARY EDUCATORS IN WESTERN PENNSYLVANIA

NATIONAL SCIENCE FOUNDATION ROBERT NOYCE TEACHER SCHOLARSHIP PROGRAM

Program Overview: The focus of the IQ STEM grant is to use experiential learning and increased practicum experiences to improve the quality of secondary STEM educators. It aims to recruit "Noyce Scholars": undergraduate students with strong STEM backgrounds who might otherwise not have considered a career in K-12 teaching. Ideal candidates demonstrate academic leadership characteristics as well as a desire to increase their knowledge of mathematics, science, and/or education.

Selection Process: Prospective Noyce Scholars must complete an application, which includes: (a) three recommendations, (b) an essay, and (c) official college transcripts indicating minimum GPA of 3.0 as well as a GPA of 3.0 in the major. Strong applicants will be invited to interview with the selection committee.

Program Requirements:

1. For each year of support, Noyce Scholars will be committed to two years of teaching in an area of high need.
2. Students must be enrolled as a major in a STEM (Science Technology, Engineering and Math) discipline and maintain a 3.0 in their major.
3. Students do not need to be currently enrolled as secondary education minors to apply but must begin the required coursework and add the minor once selected for the program.
4. Students must engage in a pedagogical research project during their junior and senior year.

Benefits of the IQ:STEM Program:

1. Up to \$15,000.00 grant for tuition, room, and board during each of their junior and senior year (\$30,000.00 total). **NOTE: acceptance of this scholarship may impact your overall financial aid package; contact the financial aid office with specific questions.**
2. Stipends to attend a conference in the area of discipline: (a) \$1500.00 to attend a conference in the Noyce Scholar's junior year and (b) \$1500.00 to present at a conference in the Noyce Scholar's senior year.
3. A stipend to cover the cost of certification tests and application fees for teacher certification (up to \$500).
4. A stipend to assist with a teachers' workshop in the summer (\$2000).

Westminster College

IQ:STEM Scholarship Application

SECTION I. – APPLICANT INFORMATION

Please Print:

NAME _____ STUDENT ID # _____

ADDRESS _____
Street city state zip

DATE OF BIRTH _____ PHONE # _____
month-day-year (area code) number

EMAIL ADDRESS _____

RACE/ETHNICITY (OPTIONAL): _____

MAJOR: _____

ARE YOU CURRENTLY REGISTERED AS A SECONDARY EDUCATION MINOR? (CIRCLE ONE)

YES

NO

CLASS STANDING: (CIRCLE ONE)

FRESHMAN

SOPHOMORE

JUNIOR

SENIOR

WHAT YEAR AND SEMESTER ARE YOU PLANNING TO GRADUATE? _____

LIST ALL SCHOOLS ATTENDED FROM 9TH GRADE TO PRESENT:

School, City, State, Dates Attended (from-to):

HIGH SCHOOL(S): _____

COLLEGE(S): _____

SECTION II. – RECOMMENDATIONS

Letters should address, but are not limited to the following information: Student's intellectual abilities in the STEM fields, potential capabilities as a teacher, leadership skills and experience with service. Recommendations should come from educators, employers, or other professionals qualified to provide insight about your candidacy (personal acquaintances or family members are not appropriate references). Please provide your references with the form available online.

One of your letters must come specifically from a Westminster College faculty member. Also, while not required, it is suggested that one reference come from a high school teacher or administrator

1) Westminster Faculty Member from your major.

REFERENCE NAME: _____

2) Additional Character Reference of Applicant's Choosing

REFERENCE NAME: _____

3) Additional Character Reference of Applicant's Choosing

REFERENCE NAME: _____

References should email their recommendation forms directly to Dr. Karen K. Resendes at iqstem@westminster.edu

SECTION III. – PERSONAL STATEMENT/ESSAY

In a separate document provide a personal statement that addresses, but is not limited to the following information: Experiences that have led you toward an interest in teaching, activities and involvement that demonstrate your dedication to service, and a reflection on your academic strengths in STEM. Additionally, although not required applicants may chose to address their interest in teaching in an area of high need.

SECTION IV. – TRANSCRIPTS

Students must submit an official copy of their complete college transcript(s).

APPLICATION SUBMISSION:

Applications are due FEBRUARY 19th 2016 at 5 PM

Completed applications may be emailed to:

iqstem@westminster.edu

OR hand delivered/ mailed to:

Noyce Scholarship Committee, c/o Karen Resendes
Box 128
Westminster College
New Wilmington, PA 16172

If you have questions regarding your application you can contact one of the following

iqstem@westminster.edu

Dr. Resendes at 724-946-7211 or resendkk@westminster.edu

Dr. Camardese at 724-946-7183