




Bluegrass Community and  
Technical College  
SCIENCE EXCEL Scholarship  
Program  
Funded by a grant from the National  
Science Foundation 

The SCIENCE EXCEL Program provides significant scholarships for biology, chemistry, physics, and environmental science majors at BCTC. The goals of the SCIENCE EXCEL program are to:

- Enroll academically talented and financially needy students into biology, chemistry, physics and environmental sciences.
- Increase the number of minority and underrepresented populations in the natural sciences.
- Provide academic support, mentoring and peer leadership opportunities for project participants.
- Retain 100% of SCIENCE EXCEL students through completion of associate's degree.
- 100% job placement in an environmental sciences technology related field or transfer to a baccalaureate degree program in an S-STEM discipline following completion of the associate degree.

SCIENCE EXCEL will provide approximately 20 scholarships per year based on student financial need. The scholarship will allow students to reduce their loan package and/or work hours to pursue a full course load (15 credit hours) and a rigorous curriculum.

Scholarship recipients will be selected by an advisory board using a numerical rubric based on academic performance (GPA, ACTE, SAT), science teacher recommendation, application essay and interview. It is expected that all SCIENCE EXCEL students will complete a minimum of 30 credit hours each academic year and maintain a 2.5 GPA.

Each incoming scholarship class will take required math, English composition, and communication courses as a single cohort and then will split into discipline specific cohorts under the direction of a designated faculty advisor.

Academic support will be provided through the Bluegrass Community and Technical College Science Resource Center – “The Nucleus”. At “The Nucleus”, students will have access to tutoring, faculty organized and supervised study groups, industry provided journals, journal clubs, brown bag seminars/workshops and laboratory software. Second year participants will have the opportunity to become peer tutors either in “The Nucleus” or through the Tutor Center. Students will be encouraged to present research at local scientific meetings such as the Kentucky Academy of Science. SCIENCE EXCEL students will work closely with career counselors provided through the Student Support Center.

*BCTC is an equal opportunity employer and education institution.*

In order to be considered for the SCIENCE EXCEL program:

- Students must be enrolled in Bluegrass Community and Technical College for the Fall 2009 semester. College application is available on-line at:  
[http://www.bluegrass.kctcs.edu/sa/admissions/application\\_for\\_admission/](http://www.bluegrass.kctcs.edu/sa/admissions/application_for_admission/)
- Students must have documented financial need by completing a Free Application for Federal Student Aid (FAFSA). Students with extenuating financial circumstances should contact the Student Financial Aid office for recalculation. FAFSA application is available on-line at: <http://www.fafsa.ed.gov>
- Students must complete the SCIENCE EXCEL scholarship application. The program application is available on-line at: [http://www.bluegrass.kctcs.edu/natural\\_sciences/](http://www.bluegrass.kctcs.edu/natural_sciences/)
- Students must be citizens of the United States, nationals of the United States (as defined in section 101(a) of the Immigration and Nationality Act), aliens admitted as refugees under section 207 of the Immigration and Nationality Act, or aliens lawfully admitted to the United States for permanent residence.

Selections will be based on the following criteria with preference given to minority and under-represented groups:

<b><u>Incoming Freshman</u></b>	<b><u>Currently Enrolled or Transfer Students</u></b>
<b>Academic Performance</b>	<b>Academic Performance</b>
<ul style="list-style-type: none"><li>• Cumulative high school GPA of 3.00 or better on a 4.00 scale</li><li>• Minimum ACT Math score of 19, English score of 18, and Science score required or</li><li>• Minimum SAT Quantitative score of 472 and Verbal score of 450</li></ul>	<ul style="list-style-type: none"><li>• Cumulative college GPA of 2.50 or better on a 4.00 scale</li><li>• Minimum ACT Math score of 19 and English score of 18, or Compass Math score of 48 and Writing score of 70 or</li><li>• Minimum SAT Quantitative score of 472 and Verbal score of 450</li></ul>
<b>Science Teacher Recommendation</b>	<b>Science Teacher Recommendation</b>
<b>Application Essay</b>	<b>Application Essay</b>

Final round applicants will be asked to meet with the Scholarship Committee for a short interview.

Complete the required applications. Return the SCIENCE EXCEL scholarship application to:  
Tracy Knowles  
Bluegrass Community and Technical College  
Oswald Building, 234H  
470 Cooper Drive  
Lexington, KY 40506

Application deadline is April 30, 2009.

Selections will be made during the late Spring with notification in early Summer. Scholarships will be awarded for the Fall Semester.

Questions? Contact: Tracy Knowles 246-6460 or Tammy Liles 246-6449