



**Robert Noyce Teacher Scholarship Program (Phase – I)
at
East Central University (ECU), Ada, Oklahoma**

Program Dates: Fall 2010 – Spring 2015

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Subject of Presentation

Recruitment and Selection

Of

First Cohort of 8 ECU Noyce Scholars

Starting Noyce Program

In

Fall 2010 Semester at ECU

ECU Noyce Program: Some Features

1. Academic Discipline: Mathematics
2. Level at which Noyce Scholars will Teach: Secondary
3. Start Year of Program for Noyce Scholars at ECU: Junior
4. Participating ECU Departments: Education and Mathematics
5. Annual Scholarship Amount (for up to 3 years): \$10,000
6. Two-year teaching commitment in high-need school for each year of scholarship money received
7. Participating Oklahoma High-Need School Districts: Ada, Allen, Byng, Latta, Seminole, Sulphur and Vanoss
8. Evaluation Plan includes External Evaluator

ECU Noyce Program: Recruitment

Step – 1

1. ECU Noyce brochure created
2. ECU Noyce website created (<http://cs6.ecok.edu/~rferd/rnoyce/home.pdf>). Website contains link to ECU Noyce application form
3. ECU sophomores with mid-term grades of “B” and above in Calculus I and II identified
4. Students in 2 above invited via personal letters to talk given by reputed high school mathematics teacher from Byng, Oklahoma (one of participating schools)
5. Talk held in ECU mathematics department
6. Students in 2 given Noyce application forms and brochures encouraged to apply
7. Minorities and women especially encouraged to apply.

ECU Noyce Program: Recruitment

Step – 2

1. ECU sophomores with mathematics ACT scores of 24 and above identified.
2. Among students in 1, those from underrepresented minority population (African American, Native American and Hispanic) in STEM areas isolated
3. Students in 2 mailed letter and brochure (containing link to ECU Noyce website) encouraging them to apply
4. Students in 2 above sent emails reminding them about ECU Noyce opportunity
5. Students in 2 called by ECU Noyce student helper encouraging them to apply to the Noyce program

ECU Noyce Program: Brochure

Robert Noyce Teacher Scholarship Grant

The purpose of the Robert Noyce Teacher Scholarship Program is to encourage science, technology, engineering and mathematics majors and professionals to become K-12 mathematics and science teachers.

The \$900,000 grant was awarded to East Central University to provide scholarships and additional educational opportunities to students who commit to teach secondary level mathematics for up to six years in a high-need school district in Oklahoma.

A high-need school district is one that serves an elementary or secondary school in an area in which there is one or more of the following:

- High percentage of individuals from families with below poverty line incomes.
- High percentage of secondary school teachers not teaching in content area in which they were trained to teach.
- High teacher turnover rate.

ECU is the first university in Oklahoma to ever receive the Robert Noyce Teacher Scholarship Grant. The five-year grant is funded by the U.S. National Science Foundation (NSF).



East Central University's mission is to foster a learning environment in which students, faculty, staff, and community interact to educate students for life in a rapidly changing and culturally diverse society. Within its service area, East Central University provides leadership for economic development and cultural enhancement.



In compliance with Title VI of the Civil Rights Act of 1964, Executive Order 11246 as amended, Title IX of the Education Amendment Act of 1972, Sections 503 and 504 of the Rehabilitation Act of 1973, and other federal laws and regulations, East Central University does not discriminate on the basis of race, color, national origin, sex, age, religion, handicap, disability, or status as a veteran. In any of its policies, practices or procedures. This includes, but is not limited to, admissions, employment, financial aid, and education services. This publication is printed and issued by East Central University as authorized by Title 70 OS 1981, Section 3503. 100 copies have been printed at a cost of \$32.65.

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Robert Noyce Teacher Scholarship Program



East Central University's
Robert Noyce Teacher Scholarship Program
1100 E. 14th Street, PMB K-1
Ada, OK 74820
Phone: 580-559-5285
www.ecok.edu

ECU Noyce Program: Recruitment

Step – 3

Following local-area community colleges targeted:

1. Seminole State College, Seminole, Oklahoma
2. Murray State College, Tishomingo, Oklahoma
3. Rose State College, Oklahoma City, Oklahoma
4. Oklahoma City Community College, Oklahoma City, Oklahoma

Solicitation letters and Noyce brochures mailed to STEM department chairs of above

ECU Noyce Program: Qualifying Criteria

1. United States citizen or permanent resident
2. Major in ECU Mathematics Teacher Certification Option upon starting Noyce program
3. Mathematics GPA of 2.75/4.00 or above
4. Willingness to teach secondary mathematics in high-need Oklahoma school

ECU Noyce Program: Competitive Selection Criteria

Following Competitive Selection Point System Used:

Math GPA X 2.5	ECU GPA X 2.5	Minority	Female	Disabled	Financial Need	TOTAL
10 points	10 points	5 points	5 points	5 points	5 points	40 POINTS

ECU Noyce Program: Demographics of First Cohort Selected

Minority	Caucasian
3	5

Female	Male
5	3

ECU Noyce Program: Demographics of First Cohort Selected

ECU Students	Community College Transfers
6	2

Changed to Math Teacher Certification Major	Already Math Teacher Certification Major
3	5

Concluding Remarks

1. Letters of commitment signed by first cohort
2. Program ready to start in Fall 2010
3. How can we do a better job advertising Noyce program at ECU and get MORE APPLICANTS?

Acknowledgments

1. NSF
2. AAAS
3. ECU