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Thank you for your interest in the Directorate for Education and Human Resources (EHR) at the National Science Foundation. It is an exciting time for us in EHR as we develop the nation’s scientific and engineering workforce, and further scientific literacy among all citizens.

Our vision of excellence in science, technology, engineering and mathematics (STEM) is evolving with STEM education’s increased importance nationally and internationally. EHR’s programs reach math and science students at every level from preschool through postgraduate education. We connect researchers to one another and build bridges between disciplines and between higher education faculty and K-12 teachers. Our rigorous research and evaluation efforts identify successful strategies for teaching STEM in both formal and informal settings. All this is done while enabling the participation and success of students from diverse backgrounds.

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DRL Division of Research on Learning in Formal and Informal Settings

Forging the Foundations of Learning

Resources and models for educational practice can advance STEM learning for people of all ages. DRL promotes research, development, and evaluation in both formal and informal learning settings and for all the STEM disciplines.

DRL programs build new knowledge about STEM teaching and learning through research and development. The Division addresses challenges in K-12 STEM education, and reaches the public through informal education.

DRL unites STEM education research and evaluation initiatives across multiple communities of scholars and practitioners.

DUE Division of Undergraduate Education

Bridging Discovery, Education and Workforce

Engaging and rigorous undergraduate education is central to the STEM enterprise. It provides the foundation for the STEM workforce, for advanced study, for well-prepared K-12 teachers, and for an educated 21st century citizenry. DUE serves as the bridge between K-12 and undergraduate education and between undergraduate education, the workplace and graduate education.

The programs in DUE focus on student success by advancing our understanding of effective ways to support undergraduate education and learning. Funded projects also support the preparation of the next generation of K-12 teachers and students by partnering with school systems, and colleges and universities to promote innovative approaches in STEM education.

Transforming the STEM Workforce for 21st Century Competitiveness

The innovation process requires a scientifically literate population and a robust supply of qualified experts. HRD promotes and enables innovative education programs and activities that develop the Nation's future leadership in science, technology, engineering and mathematics (STEM) fields, ensuring that the nation enjoys strong capability across all regions of the country and abroad.

Invested resources strengthen teaching, learning, and community outreach to improve recruitment and retention for underrepresented minorities, women and persons with disabilities in STEM disciplines and careers.

DGE Division of Graduate Education

Enabling the Future of Graduate Education

Today's graduate students are the scientists of the future who will keep America competitive in the global community. The programs in DGE strongly support the education of graduate students as they engage in cutting-edge, state-of-the-art research in science and engineering.

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Transforming Education - Promoting Excellence

EDUCATION AND HUMAN RESOURCES

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