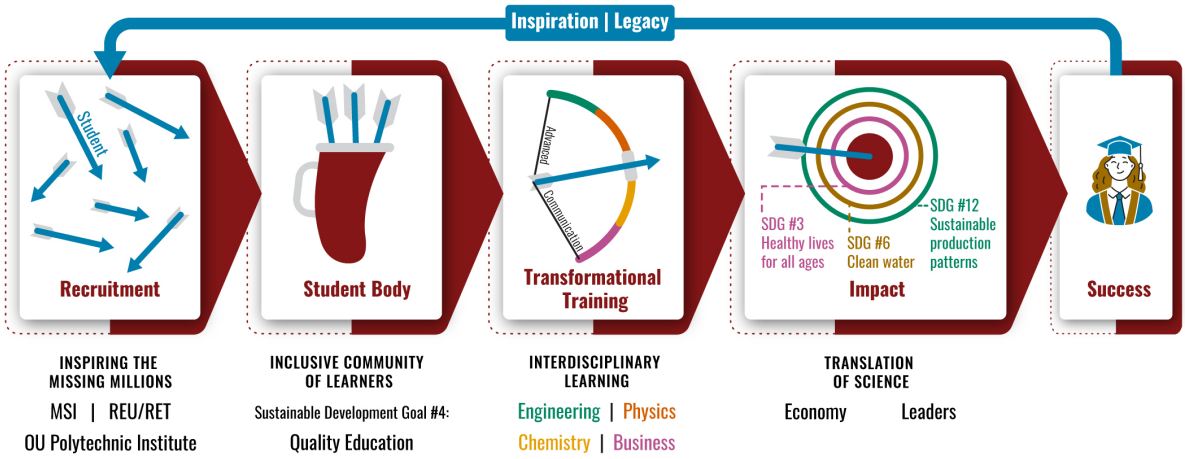
CONSIDER JOINING

NRT Diana

An Interdisciplinary Training Program to Accelerate Fundamental Science Translation

NSF Award Number 2510547



The Gallogly College of Engineering invites you to join NRT Diana, a unique PhD training program designed to connect science, engineering, and innovation. This program equips future scientists and engineers with the knowledge and skills to translate fundamental discoveries into solutions that support Oklahoma's economy and beyond.

Challenges

These challenges are critical for the Oklahoman economy

ENERGY
Selectively extracting heavy metal ions from contaminated waters

AEROSPACE
Prevent the degradation of metal/composite substrates

HEALTH
Effectively deliver pharmaceuticals to selected human organs

Opportunity

Oklahoma sits at the convergence of energy availability, manufacturing growth, and balanced population growth.

INVESTIGATORS Profs. Breen, Bumm, Grady, Klier, Noh, Papavassiliou, Razavi, Rybenkov, Striolo, Zgurskaya

COMMUNICATION LEAD Prof. Tsetsura

ASSESSOR Prof. Connelly

Earn a PhD in Materials Science and Engineering

Supported by the NRT Diana

DEMAND

Oklahoma needs 3,000 new engineers per year. Institutions produce ~1,800, and half leave the state after graduation, creating 2,100 high-paying job openings annually.

INTERDISCIPLINARY TRAINING

Students will explore Chemistry and Biochemistry, Biomedical Engineering, Physics and Soft Matter, and Chemical and Materials Engineering. Each step includes opportunities for commercial translation and industry engagement.

RELEVANT RESEARCH

Collaborative projects will address grand challenges in energy, aerospace, and health, with results shared across multiple platforms.

Training Elements

- Fundamental knowledge across relevant disciplines
- Translation efforts facilitated by institutional efforts
- Research conducted in interdisciplinary teams
- Group efforts coupled with individual development plans
- Summer Schools / Annual Symposia / Seminar Series
- Industrial Internship

Strong Support throughout the Program

- Continuous monitoring of student wellbeing and success
- **$37,000 stipend** in year 1 for admitted students

Help drive solutions that fuel Oklahoma's economy and strengthen its communities.

CONTACT US!

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To learn more about the program visit **ou.edu/coe/mse**

GALLOGLY COLLEGE OF ENGINEERING
The UNIVERSITY of OKLAHOMA