

MICKEY LELAND ENERGY FELLOWSHIP PROGRAM

U.S. DEPARTMENT OF ENERGY • OFFICE OF FOSSIL ENERGY

Overview

The U.S. Department of Energy's (DOE) Mickey Leland Energy Fellowship (MLEF) program is a 10-week summer research fellowship for undergraduate, graduate, and post-graduate students in the science, technology, engineering, and mathematics (STEM) fields.

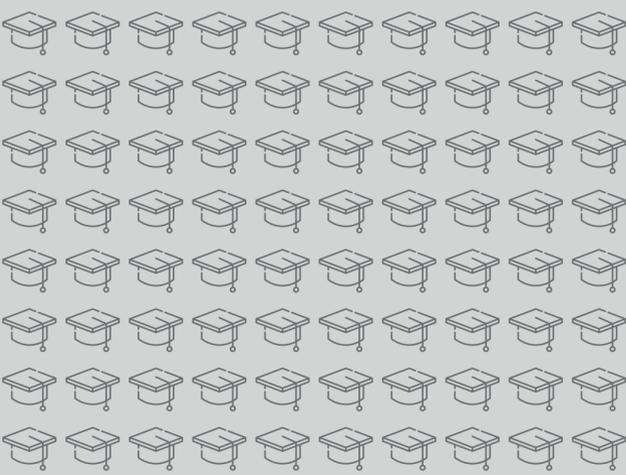
For 25 years the MLEF program has emphasized providing under-represented and minority students with the opportunity to gain real-world, hands-on research experience with the DOE's Office of Fossil Energy.

The mission of the MLEF program is to strengthen a diverse pipeline of future STEM professionals and this program has mentored over eight hundred of the best and brightest students from across the Nation for future careers in STEM.



MLEF Attracts a Diverse Group of Participants

800+ MLEF alumni worldwide



= 10 MLEF alumni



83.5%

of participants identified as belonging to an under-represented or minority group*

*Includes individuals who identified as Hispanic/Latino on a question regarding ethnicity; and/or as Black/African American, Asian, American Indian/Alaskan Native, Native Hawaiian or Other Pacific Islander on a question regarding race; or female on a question regarding gender.

Source: Mickey Leland Energy Fellowship Program: Longitudinal Evaluation Report, 2006-2017

All students who meet the eligibility requirements are encouraged to apply for MLEF. MLEF participants are not selected on the basis of race, color, religion, sex (including pregnancy and gender identity), national origin, political affiliation, sexual orientation, marital status, disability, genetic information, age, membership in an employee organization, retaliation, parental status, military service, or other non-merit factor.

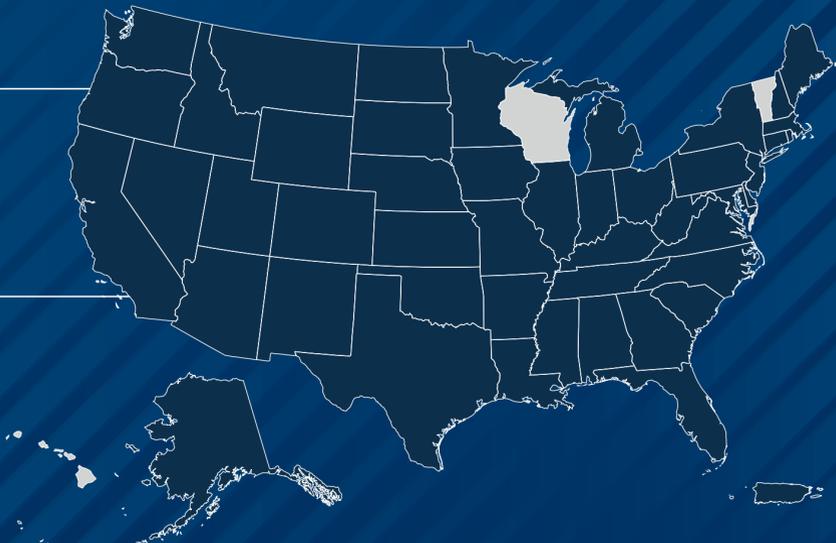
MLEF Engages with Top Educational Institutions



= 10 educational institutions

260+ educational institutions

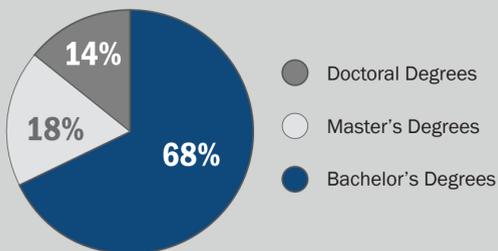
47+ states nationwide



Source: Mickey Leland Energy Fellowship Program: Longitudinal Evaluation Report, 2006-2017

MLEF Strengthens the Pipeline of Future STEM Professionals

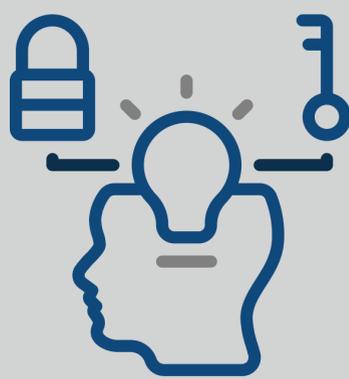
MLEF participants come from various educational backgrounds:



Source: Mickey Leland Energy Fellowship Program Database, 2015-2019

825+ intellectual products*

*Intellectual products are defined as authored or co-authored scholarly publications, conferences, courses, and research publications.



Source: Mickey Leland Energy Fellowship Program: Longitudinal Evaluation Report, 2006-2017

MLEF Creates a Positive Impact

MLEF creates a positive impact for participants, institutions, and the U.S. economy. But don't just take our word for it. Researchers surveyed MLEF alumni who completed a 10-week summer appointment between fiscal years 2006 and 2017. More than 89% of MLEF program alumni reported that their experience resulted in better preparation for careers in science and engineering, and they commended the value of the hands-on experience.



Get STEM Related Opportunities
95% employed in STEM-related occupations



Achieve Career Goals
90% of MLEF participants felt the program helped them achieve career goals



Gain Experience
89% of participants felt the program resulted in better job preparation



Achieve Academically
82% earned a more advanced degree following the program



Stay Connected
78% of participants continue to communicate with other MLEF participants
70% of participants continue to communicate with MLEF mentor

Source: Mickey Leland Energy Fellowship Program: Longitudinal Evaluation Report, 2006-2017



Learn more about the MLEF program and how the U.S. Department of Energy is working to meet the energy challenges of the future.

Visit www.energy.gov/fe/mlef or contact us at mlef@hq.doe.gov.



#MLEF