



Prof. Laila Guessous
MSGC Campus Representative
Department of Mechanical Engineering
Tel: (248) 370-2183
guessous@oakland.edu



MSGC Mission

The mission of the MSGC is to create, develop, and promote programs that reflect NASA strategic interests and support cooperation between academia, industry, state and local government in science and technology in Michigan. Various opportunities for educational and research funding are available.

\$244,488

Total amount awarded to
OAKLAND 2016 - 2020

61%

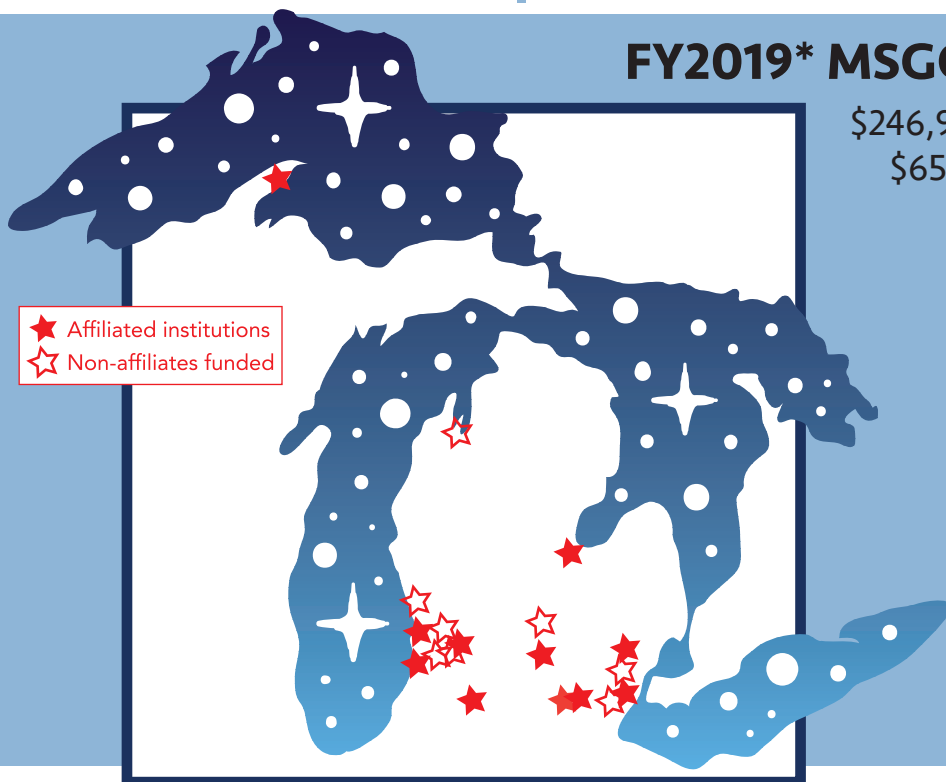
The total percentage of applications
from OAKLAND that are funded

42

Total number of proposals awarded
from OAKLAND 2016 - 2020

OAKLAND + MSGC

2020	Total Amount Awarded	\$69,488
	Total Number of Proposals	12
	Undergraduate Fellowships	3
	Graduate Fellowships	4
	Research Seed	4
	Educational Programs	1
2019	Total Amount Awarded	\$70,000
	Total Number of Proposals	13
	Undergraduate Fellowships	5
	Graduate Fellowships	2
	Research Seed	5
	Educational Programs	1



FY2019* MSGC Funding Snapshot

\$246,900 for Educational Programs
\$65,000 in Research Seed Grants
\$188,218 for 55 Fellowships
71 Papers and Presentations
407 College Students
5,673 K12 Students
345 K12 Teachers
39 Locations

62 Significant Awards
21.9% minorities
40% women

"Significant Awards" are defined as college students with either \$3,000+ funding or 160+ hours effort.
*Reported in NASA's Office of Education Performance Measurement system for FY2019



@mispacegrant

www.mispacegrant.org



How did participation in these programs impact your education and life?

It allowed me to do valuable research in my education thank you to the seed grant. Which in turn opened opportunities for me upon graduation.

- 2017 Oakland Research Seed Grant Awardee

Educationally, it further motivated me pursue a graduate degree and it will strengthen my applications. In regards to life impact, receiving this fellowship increased my confidence in myself and allowed me to attend my first conference, which exposed me to a community of professionals.

- 2019 Oakland Undergraduate Fellowship Awardee

MSGC gave me the opportunity to explore the science world, and was my first step into the research world.

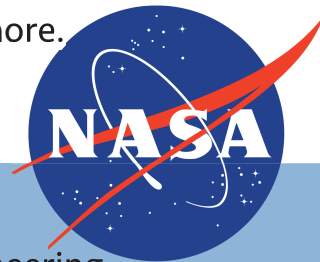
- 2019 Oakland Undergraduate Fellowship Awardee

It played a major role in my participation in NASA's Reduced Gravity Student Flight Opportunities Program, which was a very influential component in my career arc at NASA.

- 1999 MSGC Undergraduate Fellowship Awardee

It allowed me to pursue research opportunities that I loved and fostered a passion for engineering, applying what I learned in a wide variety of fields, and much more.

- 2017 MSGC Research Seed Grant Awardee



Current Oakland Awards Majoring In:

Biochemistry
Biomedical Sciences

Computer Science
Embedded Systems

Industrial & Systems Engineering
Mechanical Engineering



@mispacgrant

www.mispacgrant.org