

# Challenges and Opportunities in Higher Education



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University of Maine  
STEM Workforce Development in Maine  
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**R&D  
CONTEXT**

**STATE  
ECONOMIC  
DEVELOPMENT**

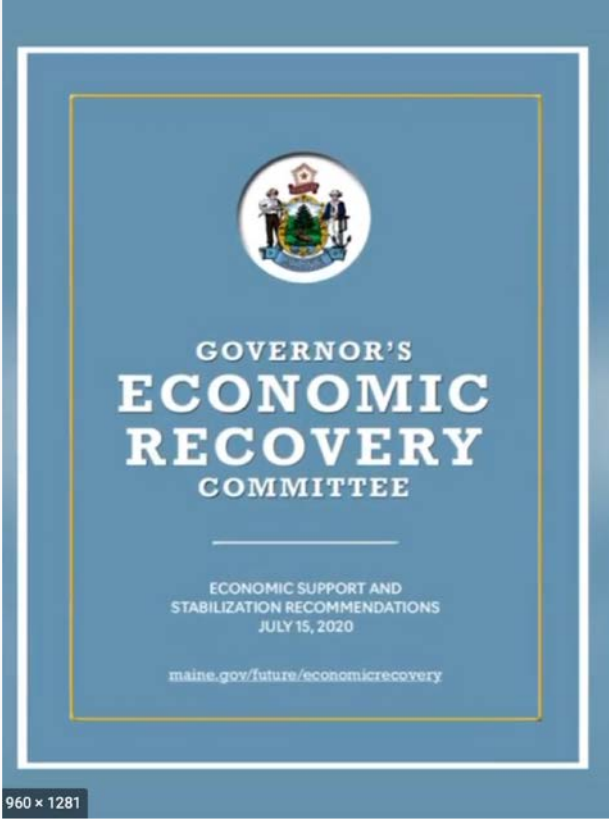
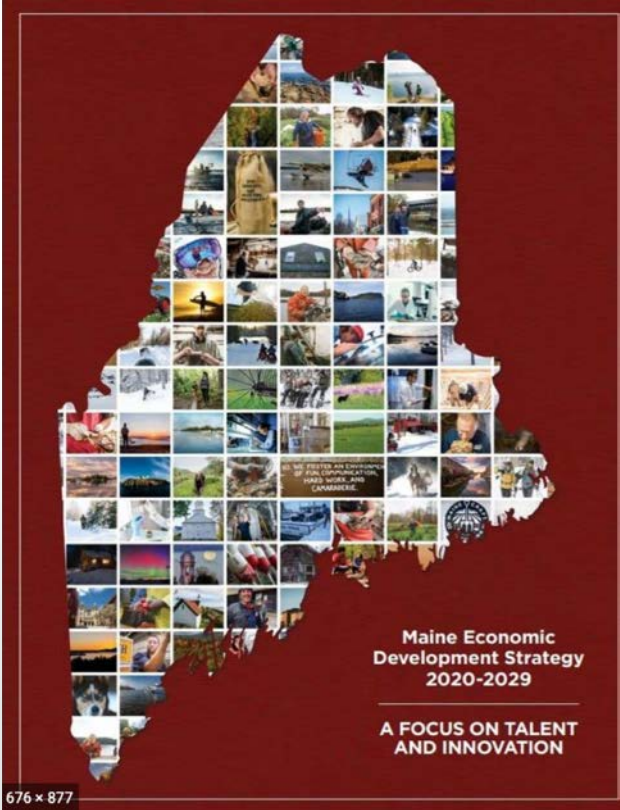
**TALENT DEVELOPMENT**

**HIGHER  
EDUCATION**

From NSB *Science and Engineering Indicators*:

Indicator	US	Maine
High science, engineering, and technology employment establishments as a % of all (2016)	9.23%	6.78%
Individuals in S&E occupations as % of all occupations (2018)	4.89%	3.57%
R&D as % of GDP (2017)	2.80%	.84%

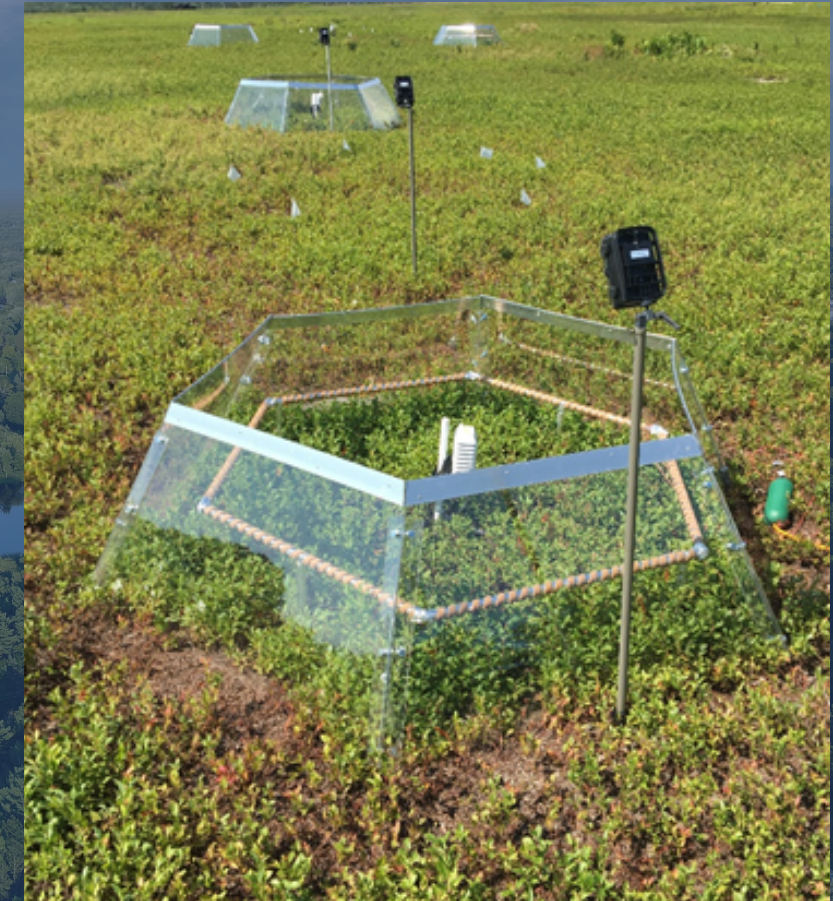
# State Economic Development



# Fisheries



Forestry



Farming

**R&D Context**



# Higher Education

E. JAMES & EILEEN P.  
**FERLAND ENGINEERING EDUCATION & DESIGN CENTER**







**R&D  
CONTEXT**

**STATE  
ECONOMIC  
DEVELOPMENT**

**TALENT DEVELOPMENT**

**HIGHER  
EDUCATION**



# Thank you!

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