



# **Science, Technology, Engineering and Mathematics (STEM) Education at Utah State University**

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# The Issue

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Demand for scientists and engineers is **RISING**  
The supply of trained workers is **FALLING**

Shortages of K-12 teachers

Limited opportunities for student  
engagement

Disconnect between employers  
and education

# The USU Advantage

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Utah State University is uniquely positioned

## Strong Education

#29 in the nation  
#5 in research funding  
Many nationally-ranked projects

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## Strong Science

#2 in space research funding  
Four STEM discipline colleges  
Many nationally-ranked projects

# Community ♦ State ♦ Nation

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## Our Land-grant Mission

Strong Relationships with K-12 Districts

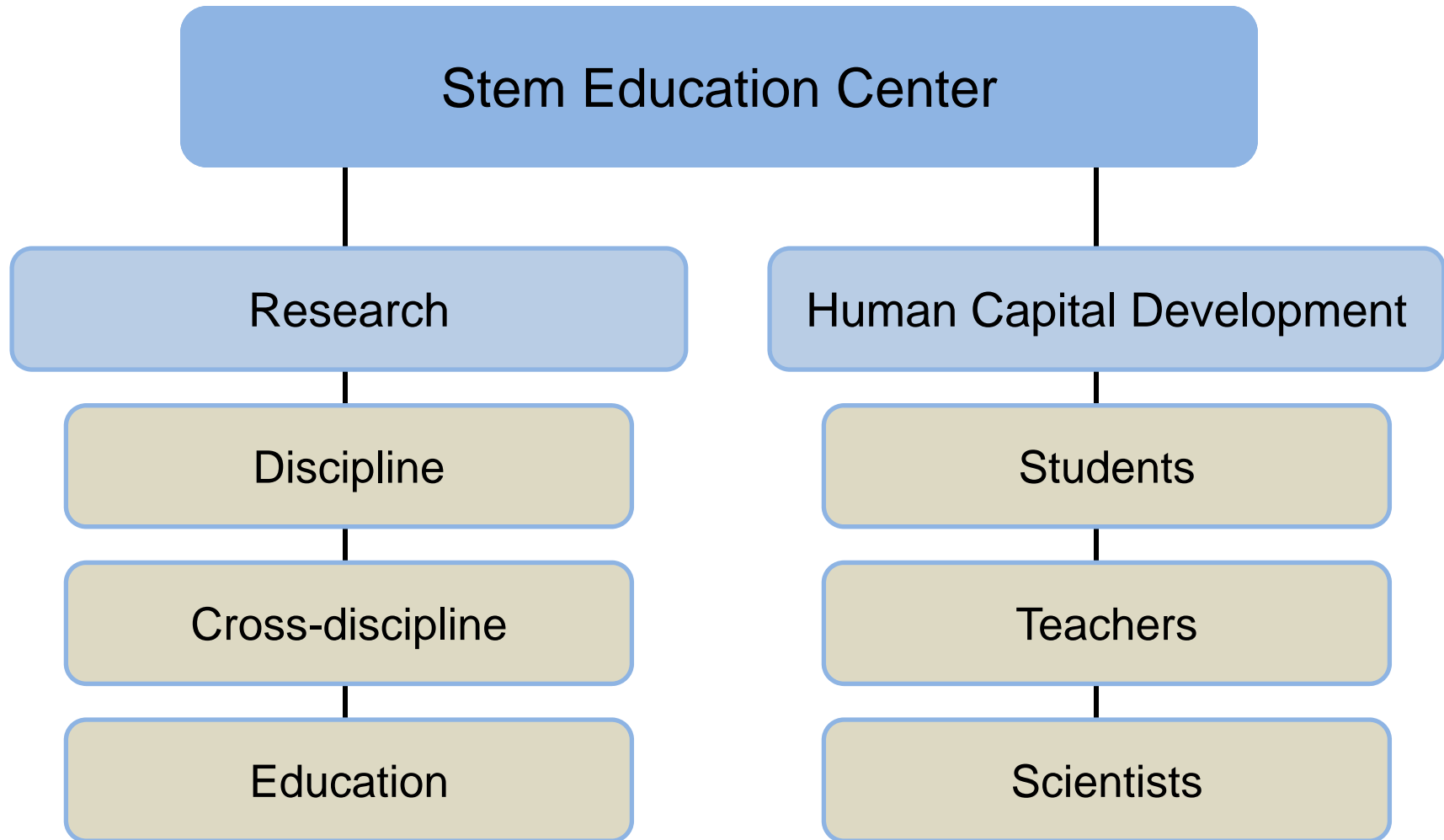
Regional Campuses and Urban  
Education Centers

County Extension Offices

USTAR Initiatives

# The Center

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# Outcomes

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## STEM Education at USU

INCREASE the number of STEM professionals

INCREASE the number of STEM educators

INNOVATIVE research on best practices in STEM education

# Take-away Message

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Utah State University is uniquely qualified and well positioned to address local, regional and national needs in STEM education.