

# Health Science: Career and Technical Education

METIS 2018:  
Building the Health Science Pipeline

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## VISION

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To create a world-class educational system that gives students the knowledge and skills to be successful in college and the workforce, and to flourish as parents and citizens

## MISSION

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To provide leadership through the development of policy and accountability systems so that all students are prepared to compete in the global community

1. All Students Proficient and Showing Growth in All Assessed Areas
2. Every Student Graduates from High School and is Ready for College and Career
3. Every Child Has Access to a High-Quality Early Childhood Program
4. Every School Has Effective Teachers and Leaders
5. Every Community Effectively Uses a World-Class Data System to Improve Student Outcomes
6. Every School and District is Rated “C” or Higher

# Pipeline



# Pipeline-Defined

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- Referred to as an Energy Lifeline
- Moves Natural Resources
- A conduit or series of pipes
  - Pumping stations
  - Valves



# Pipeline-Defined

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- **Provides a steady supply of a valuable product**

Water

Crude Oil

Natural Gas

- **A channel of information**

Direct

Privileged

Confidential

Inside Source



# Health Science Pipeline-Proposed definition

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- Provides a **steady supply** of enthusiastic young people
- **Privileged** channel of information for participants
- **Conduit for supplying** Health Care Workforce
- Health Care Workforce **Lifeline**



- Bureau of Labor Statistics—Between 2016 & 2026 Health occupations are projected to increase 18%. This is faster than all other occupations.

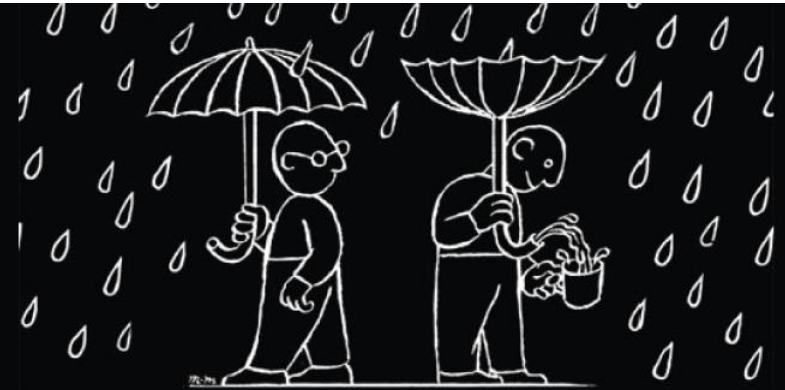
<https://youtu.be/LlvxuRb47y4?t=69>



# Health Science Pipeline to Workforce



# Pipeline Innovation/Opportunities



INNOVATION IS A STATE OF MIND

New or Different Methods



# Pipeline Innovation/Opportunities



Favorable time or situation  
Good chance or prospect



# Pipeline—Simulation/Stimulation

**Simulation**  
imitation  
practice  
scenarios



**Stimulation**  
move to action  
energize  
excitement



# Challenges in the Pipeline

- Clinical sites
- Preparation
- Stimulating Activities
- Teacher Extern Programs
- Student Intern/Special Programs
- Others



# Pipeline Destination

- Where can/will the Health Care Pipeline deliver your students?



# Questions





MISSISSIPPI  
DEPARTMENT OF  
EDUCATION

Ensuring a bright *future* for every child

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