



CENTER FOR  
ADVANCES IN PORT MANAGEMENT  
**LAMAR UNIVERSITY**

“What are the opportunities available to professionals looking for advancement and growth? What are we doing to prepare for the greying of the workforce and the knowledge gaps that will be the result?”

*Moderator*

*Candice Moore*

*Administrative Coordinator*

# CENTER FOR ADVANCES IN PORT MANAGEMENT (CAPM)

**Mission:** *To better prepare the port and marine terminal operating industry for the challenges and opportunities that lie ahead through advanced education and industry relevant research.*

**Description:** *Collaboration between the colleges of Engineering and Business; integrally linked with the port and marine terminal operating industry to meet its current and future needs, blending theory and practice.*

**Advisory Board:** *Port and terminal industry experts*

## DEGREES & PROGRAM STATUS

- Degrees/Concentrations:
  - Masters of Science in Port and Marine Terminal Management
  - MBA and Masters of Engineering Management with Concentrations in Port and Marine Terminal Management
- All academic approvals in place in time for 2017/2018 academic year
- Now in second full year with 12 working professionals accepted
- First graduate Summer 2019 with 4 more graduating Fall 2019
- Full recruitment mode—selling education!

# MS IN PORT AND MARINE TERMINAL MANAGEMENT CURRICULUM

- Introduction to Port and Marine Terminal Management
- Strategic and Master Facility Planning
- Economics of Ports and Trade
- Freight Transportation Systems
- Decision Making and Critical Thinking
- Legal Framework for Ports and Marine Terminals
- Marine Terminal Operations
- Capital Planning and Project Development
- Safety, Security and Resilience
- Leadership and Team Building
- Communication and Negotiating Skills
- Port Property and Asset Management

# INDUSTRY CERTIFICATIONS

- Approved:
  - Ports, Trade and Global Logistics;
  - Port and Marine Terminal Capital Planning and Development;
  - Port and Marine Terminal Management and Operations.
- In development:
  - Port and Maritime Cyber Security.
- Planned:
  - Oil and Gas Supply Chain Management (major university initiative);
  - Risk Analysis;
  - Strategic Asset Management.

# INDUSTRY RELEVANT RESEARCH

- CAPM internally funded projects:
  - At least 32 totaling over \$600k in funding
- Numerous industry supported projects:
  - value--millions
- Input from businesses, industry and governmental agencies continue to drive CAPM's research agenda

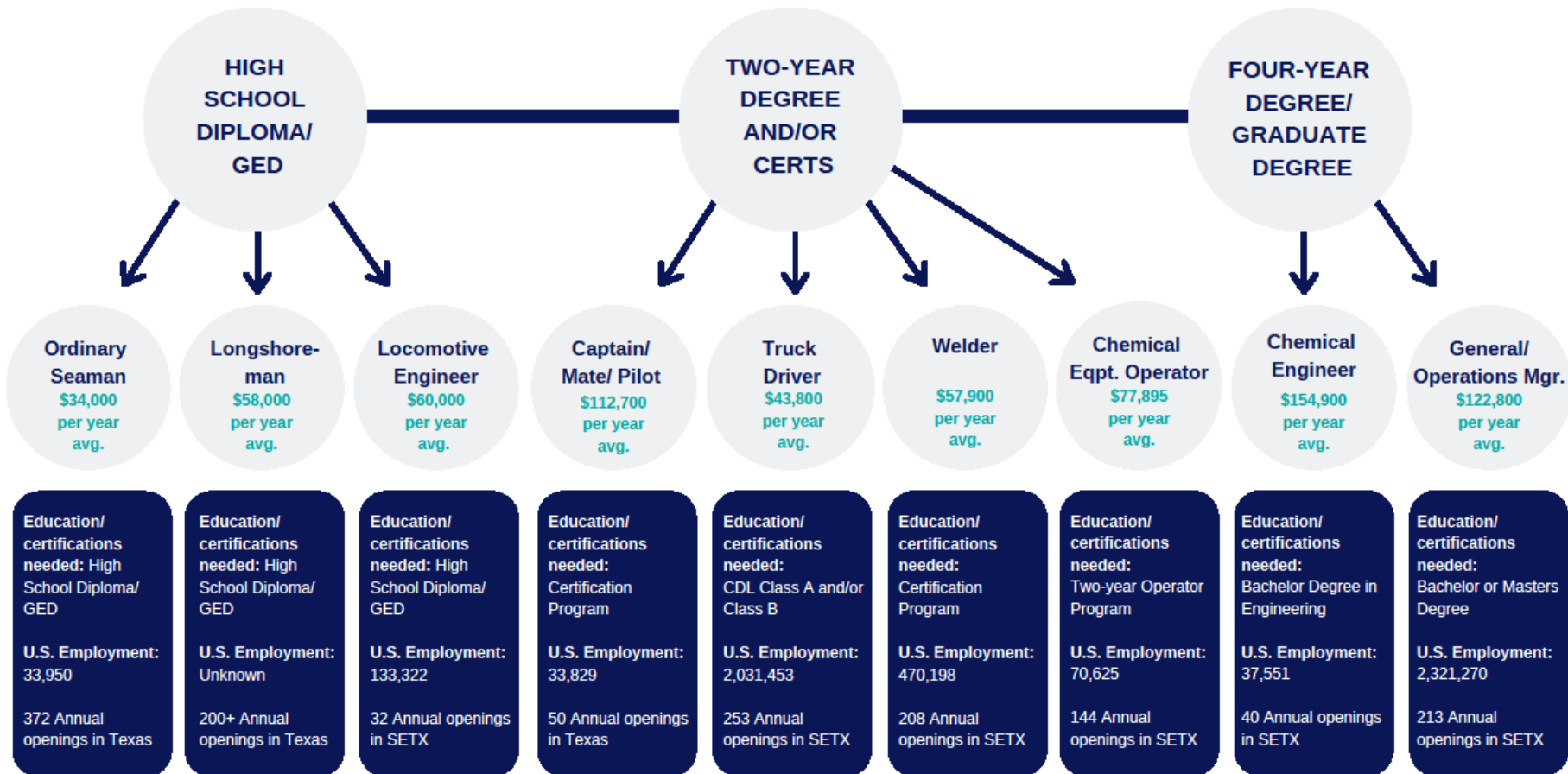
# COMMUNITY OUTREACH

## *Education, Research and Workforce Development*

- Southeast Texas Waterways Advisory Council (SETWAC):  
all public and private owners, operators, stakeholders
- New Initiative by SETWAC:  
*Education, Research and Workforce Development Subcommittee*
  - Led by Sade Chick, Director, Corporate Affairs, Port of Beaumont and Erik Stromberg, Executive Director, CAPM.
  - Monthly meetings with representatives from local community colleges, institute of technology, chambers of commerce, economic development personnel, K-12 educators (Region V), Workforce Solutions, etc.
- CAPM offers free Industry Relevant Workshops
- New committee will focus on resiliency and workforce development



# POTENTIAL CAREER PATHS





# TWO CURRENT CENTER INITIATIVES

- eTextbook on Port and Marine Terminal Management
- Enhancing Resiliency of the Sabine Neches Waterway and Connecting Freight Transportation System

# Thank You!

Candice Moore  
Administrative Coordinator  
[candice.moore@lamar.edu](mailto:candice.moore@lamar.edu)  
409-880-7121

Erik Stromberg  
Executive Director  
[rstromberg@lamar.edu](mailto:rstromberg@lamar.edu)  
[rolferikstromberg@gmail.com](mailto:rolferikstromberg@gmail.com)  
409-880-7114 work, 910-617-6800 cell

[www.lamar.edu/portmanagement](http://www.lamar.edu/portmanagement)