



CENTER FOR
ADVANCES IN PORT MANAGEMENT
LAMAR UNIVERSITY

SETWAC FULL COUNCIL MEETING

EDUCATION, RESEARCH AND WORKFORCE DEVELOPMENT SUBCOMMITTEE

AGENDA—APRIL 22, 2021

- **Advanced Education and Prospective Undergraduate ‘Dash’ Degree**
- **Continuing Education and Workforce Education**
 - **2021 Schedule**
 - **April 26: Women in Transportation—Ports and Terminal Management**
 - **May TBD: Hurricane Planning**
 - **Maritime Educational Pathway**
- **Research**

Advanced Education

- Masters of Science in Port and Terminal Management
- MBA with Concentration in Port and Terminal Management
- Masters of Engineering with Concentration in Port and Terminal Management



The Department of University Studies: Dash Degree

Offered as both a Bachelor of Science and a Bachelor of Arts.

Port and Supply Chain Management

1. Geography of Logistics
2. Supply Chain Management
3. Analysis of Logistic Systems
4. Port and Terminal Management

Continuing Education—2021 Webinars

- SE Texas Flood Coordination Study: 2/11
- Strategic Asset Management—Cost-effectively Optimizing Performance of Critical Assets: 3/18 (Port of the Future Conference)

UPCOMING

- Women in Transportation—Port and Terminal Management: 4/26, 1pm-3pm
- Hurricane Planning: May (Date TBD)
- Cyber Security—NVIC Update: June (Date TBD)
- Diversity and Inclusion: July (Date TBD)
- SNNW Channel Improvement Project--Preparing for Increased Traffic and Economic Development: September (Date TBD)
- Facilitating Cargo Movement and Handling Through Digital Technologies: October (Date TBD)

Women in Transportation—Port and Terminal Management



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WEBINAR:

WOMEN IN TRANSPORTATION – PORT AND TERMINAL MANAGEMENT

Industry leaders address career opportunities and challenges in the important and exciting arena of public port and private terminal management. Women in transportation will discuss why you should consider getting involved in port and terminal industry.

When: Monday, April 26, 2021
1 pm - 3 pm central

Zoom: <https://us02web.zoom.us/j/83226283188?pwd=b3VqL0NCcVJlelZ0QlhSckJlaTRkQT09>
passcode: 949168

AGENDA

“C-Suite” Perspectives

Key success factors, and the rewards, personal and professional, from a career in port management. Prerecorded. 20 minutes.

1. Kristin Decas, CEO, Port of Hueneme
2. Phyllis Saathoff, Executive Director/CEO, Port Freeport
3. Lorrie Taylor, CEO, Port of Orange
4. Brandy Christian, CEO, Port of New Orleans (live)

‘Roundtable Discussion’

Industry leaders and rising stars discuss and respond. “Live Session.” 45 minutes.

1. Mary Beth Long, AAPA, VP of Marketing and Workforce Development – Moderator and Discussion Leader.
2. Sade Chick, Port of Beaumont, Director of Corporate Affairs
3. Lauren Brand, President, National Association of Waterfront Employers
4. Helen Brohl, Executive Director, U.S. Committee on Marine Transportation System (CMTS)
5. Lillian Borrone, Port Industry Leader

Audience Participation: Comments and Q&A. 25 minutes.



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Hurricane Planning—Draft Agenda May (Date TBD)

- **Program Introduction**
 - *SETWAC Representative*
- **2021 Hurricane Forecast and Update on Forecasting Protocols and Capabilities**
 - *Roger Erickson, Warning Coordination Meteorologist, Lake Charles, LA (invited)*
- **SNWW Channel Operations Pre- and During Storm Event**
 - *USCG MSU Port Arthur*
 - *Sabine Pilots*
- **SNWW Channel Operations: Post-Storm Event**
 - *USCG MSU Port Arthur*
 - *Sabine Pilots*
 - *USACE*
- **Roads, Rail and Shallow-Draft**
 - *TXDOT*
 - *Class I*
 - *Barge*
- **Hurricane Emergency Response: Lessons Learned and Best Practices**
 - *Texas Division of Emergency Management*

Workforce Development

- Developing a Maritime Education Pathway—K-12, Undergraduate and Graduate Degree Programs. (Sade Chick)

2021 CAPM Research Agenda

1	Increasing Resiliency and Safety of Waterways and Ports: A Novel Approach Based on Drone and Artificial Intelligence
2	Vulnerability Assessment and Resilience of Port Systems Under Extreme Weather Conditions
3	Establishing a Solution to the Problem of Managing Dredge Waste
4	Resilience Study for Port-related Refinery Supply Chain Management
5	Use Autonomous Driving to Improve Resiliency and Safety of Freight Transportation System in Port Industry in Severe Climate Change in Southeast Texas
6	Advanced Wetting Dynamics Study: Understanding the Fundamental Physics of Anti-fouling, Anti-Corrosion and Friction Reduction
External	Rail-based, port-centric economic development metrics and opportunities-Sarah Bagwell

Comments and Questions

