

Introductions:



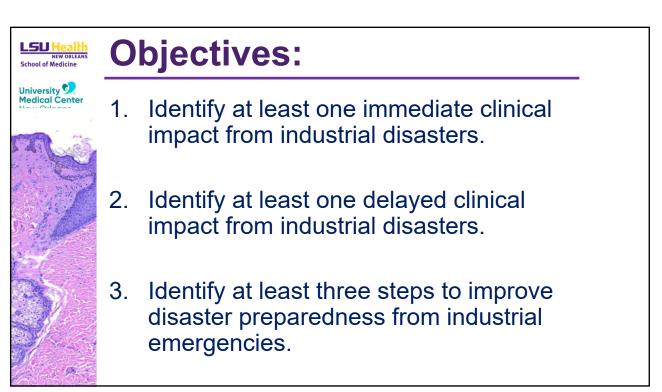
Jeffrey E. Carter, MD, FACS Professor of Surgery, LSUHSC New Orleans Medical Director, UMC Burn Center Medical Director, LCMC Supply Chain

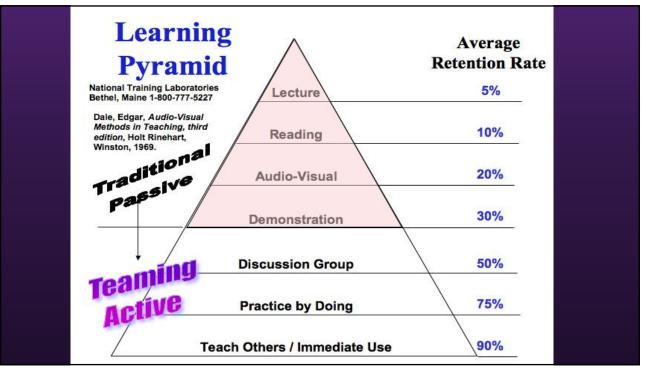


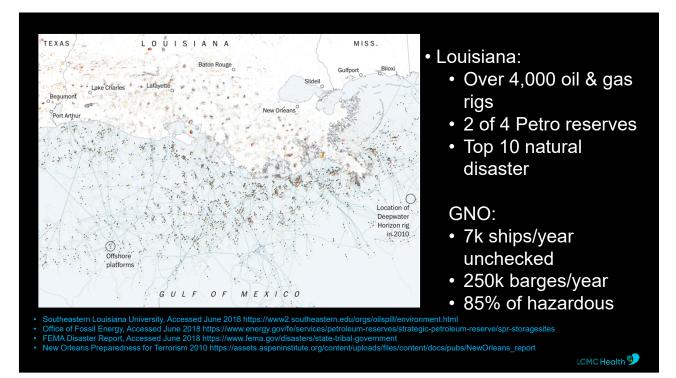
Carl A. Flores, NRP Burn Outreach Coordinator, UMC American Burn Association:

- Southern Regional Burn Disaster Coordinator
- Disaster Chair

LSU Health NEW ORLEANS School of Medicine	Disclosures						
University 🗩 Medical Center	CARTER						
Nave Orlanda	Stockholder: Spectral MD Inc.						
-	Consultant:						
4160	 Avita Medical Ltd, PolyNovo Ltd., & Spectral MD Inc in lieu of compensation all proceeds are donated to a local burn charities to support burn education, survivor programs, outreach, & research Research Support: 						
S. Com							
a start	1. BARDA Lead Investigator	\$98.6 million	Burn Imaging & Al				
	2. DoD Lead Investigator	\$9.4 million	Prehospital Education				
	3. DHA Lead Investigator	\$1.3 million	Burn Imaging & Al				
	4. NIH R01 Co-Investigator	\$1.1 million	Lipids in Burn Injury				
- SYC	FLORES Consultant:						
	Stryker Medical						
9	Ring Rescue Inc.						
2 - 5 M	Compression Works						





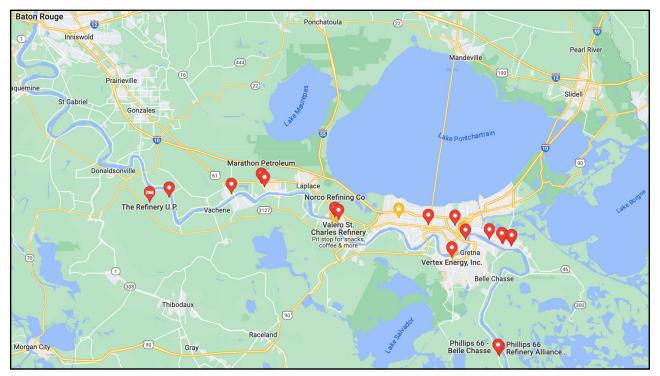




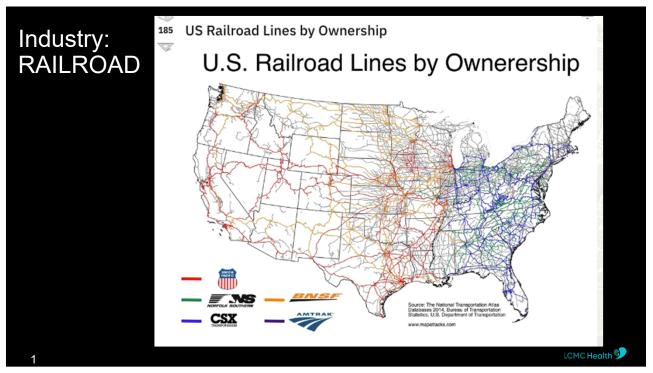


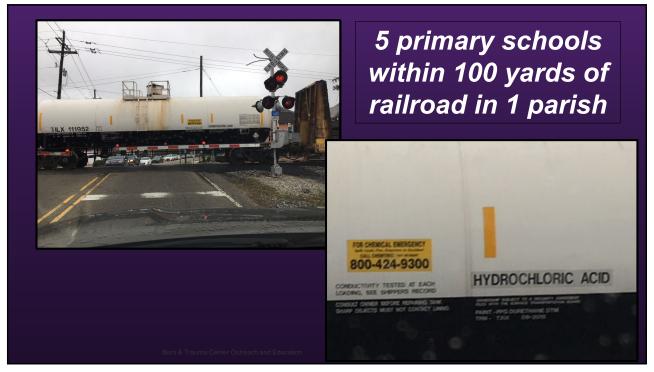


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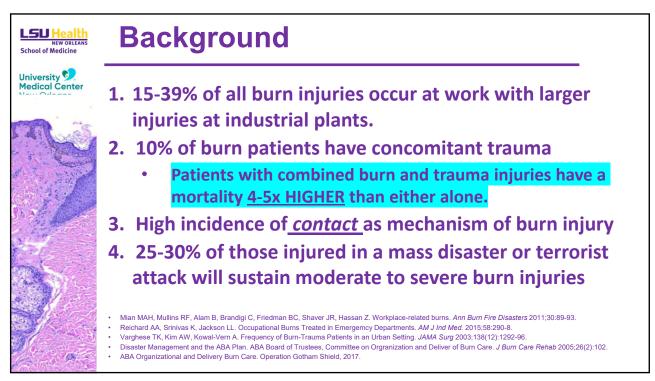


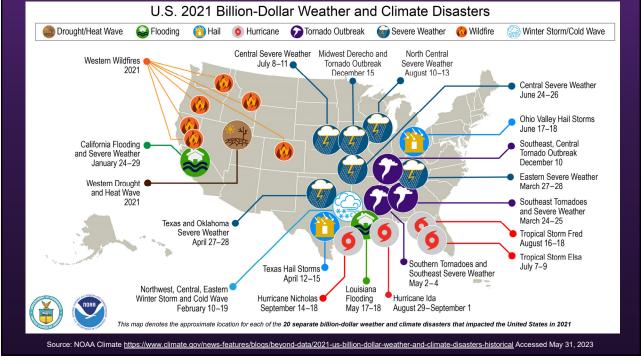


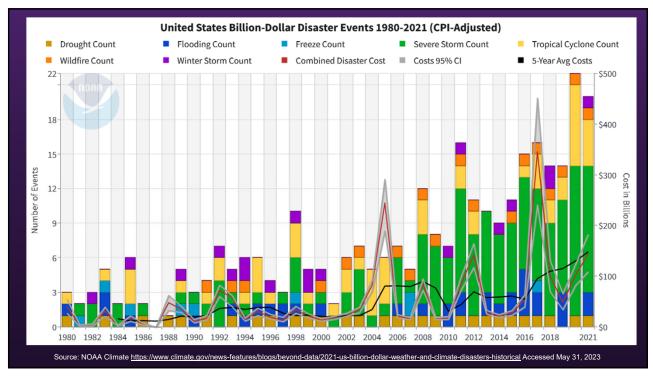
Blue Dots represent schools within 1 mile of a high-risk chemical facility







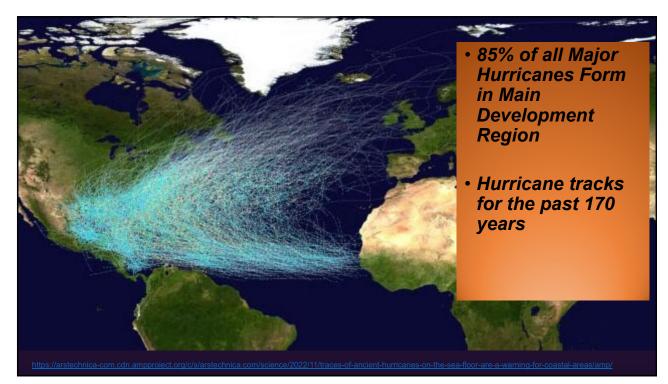




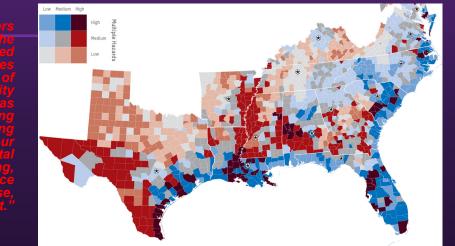
Flood Risk to Hospitals From Hurricanes Atlantic & Gulf Coasts

Rank	Metropolitan Statistical Area	Hospitals at Risk (%)	Beds at Risk (%)	RR Hurricane Strike (Cat 2)
1	Miami, Ft Lauderdale, Palm Beach	38 (78%)	12,904 (71%)	183.6
2	New York, Newark, Jersey City	25 (20%)	9,271 (19%)	15.4
3	Boston, Cambridge, Newton	6 (15%)	2,240 (24%)	9.6
4	Orlando, Kissimmee, Sanford	1 (33.3%)	221 (45%)	136.5
5	New Orleans, Metairie	15 (79%)	3,471 (82%)	137.7
6	Tampa, St. Petersburg, Clearwater	8 (29%)	2,507 (30%)	89.3
7	North Port, Sarasota, Bradenton	6 (86%)	2,056 (95%)	69.4
8	Jacksonville	6 (43%)	2,004 (48%)	75.0
9	Cape Coral, Fort Myers	4 (80%)	1,542 (95%)	44.3
10	Philadelphia, Camden, Wilmington	5 (10%)	1,639 (11%)	3.2
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Source: Tarabochia-Gast AT, Michanowicz DR, Bernstein AS. Flood Risk to Hospitals on the US Atlantic & Gulf Coasts From Hurricanes & Seal Level Rise. GeoHealth, 6, e2022GH000651.





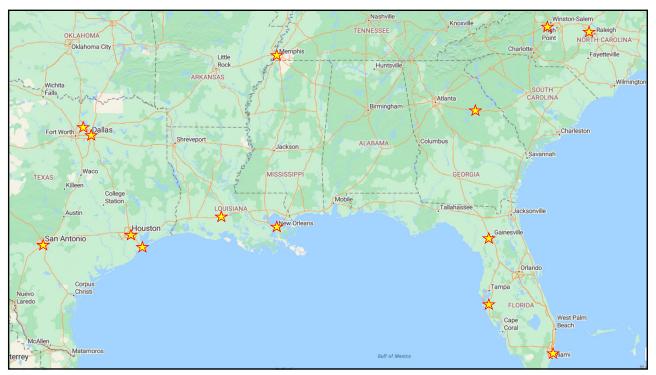


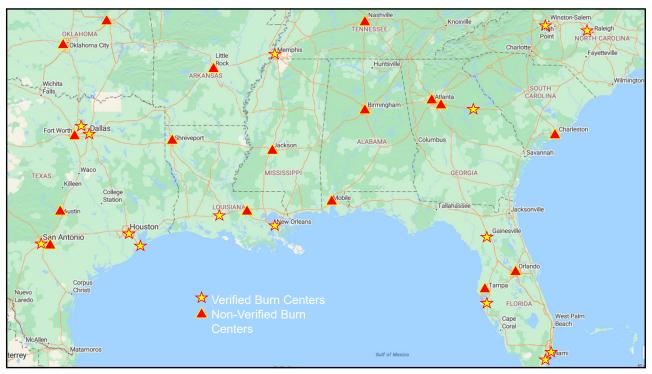
13 states in the Southeast United States. It illustrates the convergence of social vulnerability factors (such as economic standing and age, among others) and four environmental hazards: flooding, hurricane force winds, sea-level rise, and drought."

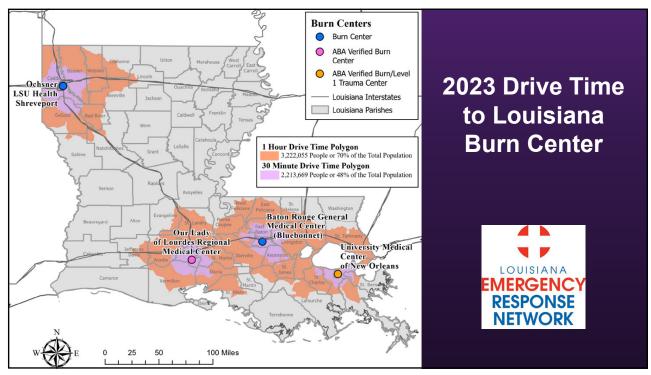
Mapping social vulnerability in southeastern states and the Gulf Coast

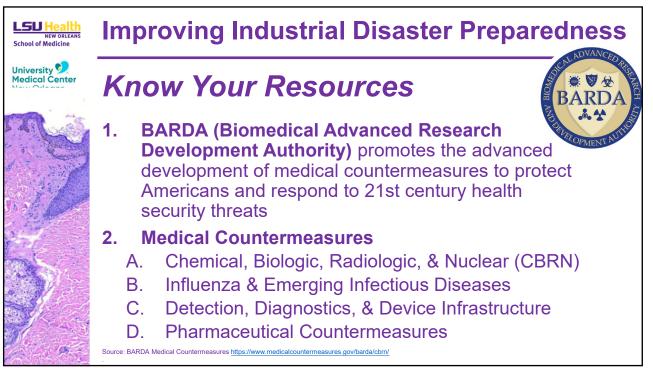


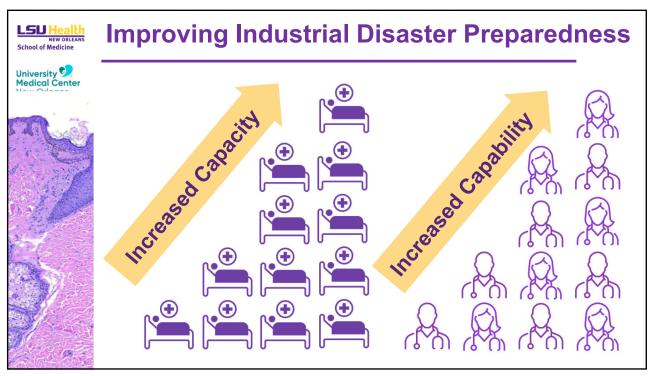


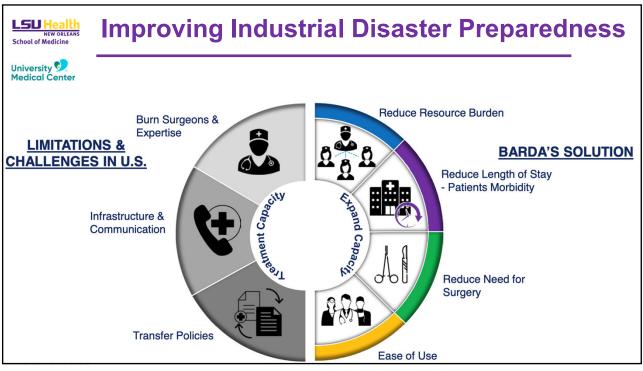






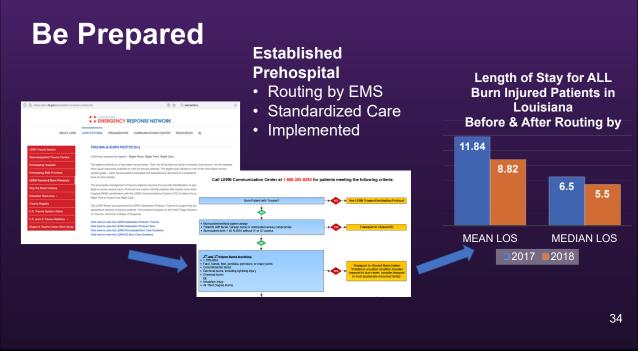






LSU Health NEW ORLEANS School of Medicine	BARDA Chemical, Biological, Radiological, and Nuclea (CBRN) Medical Countermeasures						
University 😏 Medical Center	Company	Product	Role	Contract & Options			
Marris Orlanda	Argentum Medical	Silverlon	Antibacterial dressing	\$16,500,000			
TAL IS	Avita Medical	ReCell	Definitive wound closure partial & full-thickness	\$54,000,000			
	Keranetics	Kerastat	Radiation dermatitis	\$3,500,000			
	Mediwound	Nexobrid	Enzymatic debridement of partial & full-thickness	\$112,000,000			
50 M (1997	Philips North America	Lumify Ultrasound	AI-UItrasound for lung injury/infection	\$35,000,000			
25-5	PolyNovo	BTM	Temporary wound closure	\$36,000,000			
	Rivanna	Accuro XV	Ultrasound detection of fracture	\$65,000,000			
	Spectral MD	DeepView	AI-MSI for non-healing burn wounds	\$98,600,000			
- S. S. S.	Stratatech/Mallinckrodt	Stratagraft	Definitive wound closure partial-thickness	\$247,000,000			
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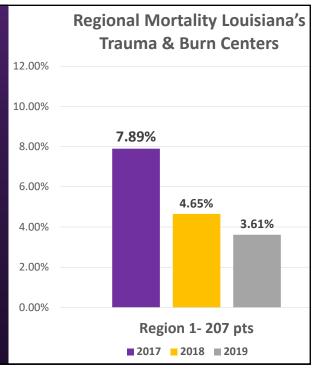








- 1. Establish relationships with EMS & industry
- 2. Build routing pathways
- 3. Perform risk analysis
- 4. Look sentinel species
- 5. Know your resources
- 6. Test your weaknesses



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University Medical Center

Thank You!

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39