



LINKED LEARNING CONVENTION | ANAHEIM, CA | FEB. 12-14

# Career Exploration through Simulation

Long Beach  
Memorial  
Medical Center

Long Beach Unified  
School District

California State  
University Long  
Beach



#LinkedLearning | #LLCON2018

# PARTNERSHIP



- Memorial Hospital
  - Director of Workforce Development
  - High School Healthcare Pathway Simulation Lab Coordinator
  - Mentors
- Long Beach Unified School District
  - High School Office
  - Teachers
  - Parents
  - Students
- California State University, Long Beach
  - Evaluation and Data

# Presentation Agenda



- General Overview of Program
- Panel Presentations
- Table Talk
  - After the presentation we will have two 15 minute breakout sessions
  - Panelist will be seated at a table
  - You will choose two panelists you would like to have a deeper conversation with or ask questions

# BASICS

***Course Credit:*** 2.5

***Course length:*** 9 weeks

***Course Schedule:*** Two times per week 3:30-6:30

***Location:*** Beach High School and Memorial Simulation Lab

Open to **all** students in LBUSD Health Pathways

**Pre-Requisite-** Medical Terminology or Anatomy and Physiology

# SCENARIO

Consider this...

A young man is injured in an automobile accident: What would you do if you were working in an emergency room receiving and treating this accident victim? What healthcare professionals are needed to save his life? During the simulation scenario you will follow the simulation patient through the many stages of medical treatment he receives at the “state of the art” Memorial Hospital Simulation Lab.



# STUDENTS





## Aaron Volkoff- Teacher

District-Anatomy and Physiology; Medical Terminology  
Long Beach Unified School District

## Jennifer Martinez-Sammon: Nurse

Memorial Hospital High School Healthcare Pathway  
Simulation Lab Coordinator





## Long Beach Memorial Hospital Mentors:

- Tom Newton - Respiratory Therapist
- Luiz Ozorio - Medical Doctor
- Cheri Jones - Physical Therapist



## Susan Crockett

Director Clinical Workforce Development  
Long Beach Memorial Hospital Long Beach

## Cynthia Bater

Program Administrator, Linked Learning  
Long Beach Unified School District



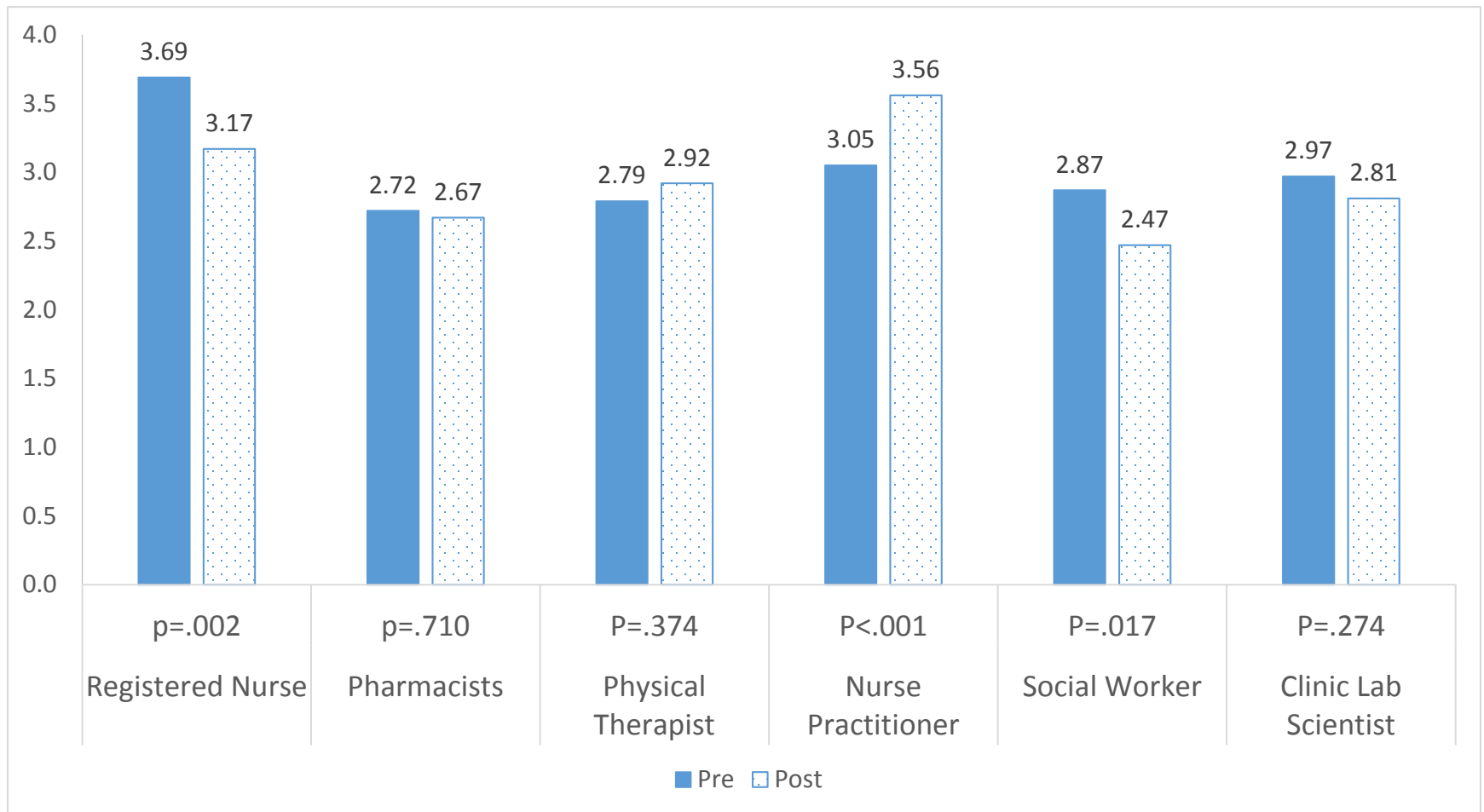
## Melissa Dyo

Associate Professor  
CSULB School of Nursing

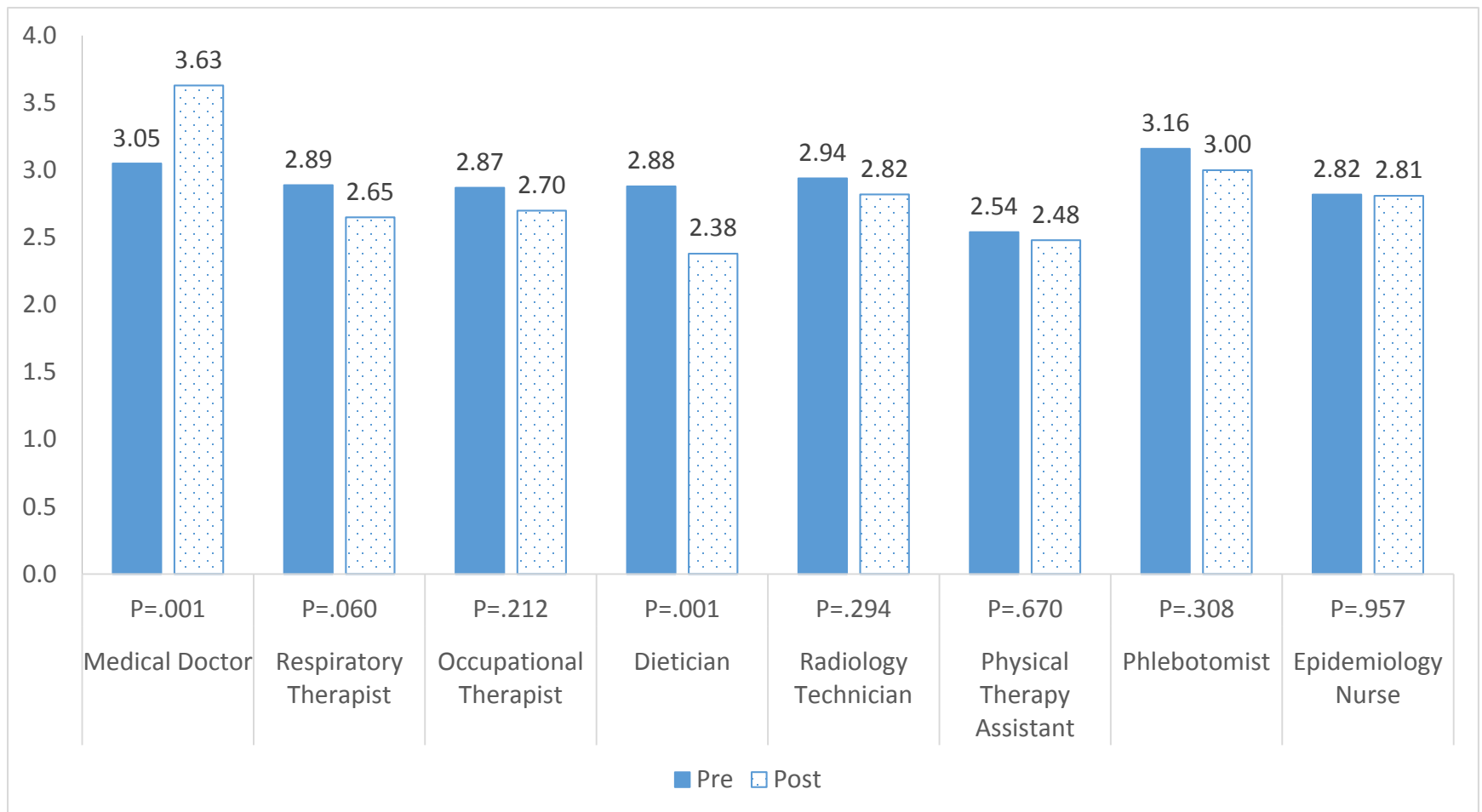
# Participant Demographics

	(N=144)
<b>Class:</b>	
<b>Junior</b>	46 (31.9%)
<b>Senior</b>	98 (68.1%)
<b>High School:</b>	
<b>Cabrillo</b>	11 (7.6%)
<b>CAMS</b>	9 (6.3%)
<b>Jordan</b>	28 (19.4%)
<b>Lakewood</b>	48 (33.3%)
<b>Long Beach Polytechnic</b>	36 (25%)
<b>McBride</b>	9 (6.3%)
<b>Number of careers student indicated 'Extremely Likely':</b>	
<b>None</b>	41 (28.5%)
<b>One</b>	58 (40.3%)
<b>Two or more</b>	45 (31.3%)
<b>Average # students per cohort (SD)</b>	21 students (3.3)

# Average Likelihood of Choosing Career (pre-vs. post)



# Average Likelihood of Choosing Career (pre vs. post)



# Ideal Career Attributes

	PRE PERIOD			POST PERIOD	
Rank Order	Item #. Description	Mean (SD)		Item #. Description	Mean (SD)
1	16. Have respect	4.53 (1.15)		1. Always have a job	4.84 (0.51)
2	8. Go to college	4.52 (1.14)		18. Be very excited about my work	4.83 (0.48)
3	18. Be very excited about my work	4.52 (1.11)		3. Care for people	4.81 (0.43)
4	3. Care for people	4.50 (1.16)		8. Go to college	4.80 (0.51)
5	6. Work very hard	4.48 (1.08)		16. Have respect	4.80 (0.48)
6	1. Always have a job	4.47 (1.14)		6. Work very hard	4.78 (0.47)
7	10. Work in a safe place	4.44 (1.12)		10. Work in a safe place	4.78 (0.61)
8	15. Make good grades	4.38 (1.13)		5. Know a lot	4.65 (0.56)
9	2. Use my brain a lot	4.35 (1.04)		15. Make good grades	4.64 (0.55)
10	5. Know a lot	4.31 (1.12)		2. Use my brain a lot	4.60 (0.60)
11	9. Work with my hands a lot	4.26 (1.14)		4. Am Appreciated	4.57 (0.60)
12	4. Am Appreciated	4.16 (1.12)		9. Work with my hands a lot	4.55 (0.66)
13	12. Make decisions for myself	4.04 (1.06)		12. Make decisions for myself	4.39 (0.82)
14	7. Make a lot of money	3.94 (1.08)		7. Make a lot of money	4.26 (0.87)
15	11. Am a leader	3.88 (1.08)		11. Am a leader	4.19 (0.89)

# TABLE TALK



PANELIST	TABLE
STUDENTS	
MENTORS	
EDUCATORS	
FOUNDERS	
DATA	



# TABLE TALK



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# Thank you!

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