

**PATIENT  
COMMUNICATION**  
for **MEDICAL  
PHYSICISTS**

**UC San Diego Health** ×  
**AAPM Northwest Chapter**  
Workshop Agenda  
May 10-11, 2024

Day 1		
7:30 – 8:00	Registration and continental breakfast	
8:00 – 8:30	<b>Experiences in Communicating with Patients</b> Todd Atwood	
8:30 – 9:30	<b>Effective Communication Strategies for Physicist-Patient Interactions</b> Derek Brown	
9:30 – 9:45	Vendor Presentation	
9:45 – 10:15	Coffee Break / Vendor Interaction	
10:15 – 10:45	<b>Common Patient Interactions and Questions</b> Todd Atwood	
10:45 – 11:30	<b>Exercise 1: Addressing Patient Questions and Concerns</b> Titania Juang	
11:30 – 12:30	Lunch / Vendor Interaction / Chapter Business Meeting	
12:30 – 1:00	<b>Exercise 2: Analysis of Physicist-Patient Interactions</b> Derek Brown and Todd Atwood	
1:00 – 2:15	<b>Early Career and SLAM presentations</b>	
	Yun-Huan Lyu (EC)	Comparison of Gaussian and frequency-based filters for harmonization of smooth and sharp x-ray computed tomography images used to predict lung cancer
	Joey Wishart (EC)	Patient centering in CT: Enterprise-wide assessment and association with radiation dose
	Rachel Malinowski (EC)	CT dose optimization for biopsy and drainage procedures on a Philips iCT scanner
	Zachery Barton (SLAM)	Evaluating the impact of frame duration shortening on dosimetry for <sup>177</sup> Lu-PSMA radiopharmaceutical patients
	Evan Dodson (SLAM)	Reducing SPECT/CT scanning in <sup>177</sup> Lu-PSMA-617 therapy
	William Bethard (SLAM)	Revealing lung damage through effort correction
	Helen Fisher (SLAM)	CT value override of the internal planning volume on 4D free-breathing scan vs. average scan

	Alex Lindgren-Ruby (SLAM)	Radiomic analysis and comparison of metal artifact reduction algorithms
	Zihan Li (SLAM)	AI-driven harmonization of radiology study descriptions using MFFNet
	Lindsay Douglas (SLAM)	Computerized background parenchymal enhancement (BPE) assessment from a dataset of high-risk screening breast DCE-MRIs
2:15 – 2:30	<b>Vendor Presentation</b>	
2:30 – 3:00	<b>Coffee Break / Vendor Interaction</b>	
3:00 – 4:00	<b>Exercise 3: Physicist-Patient Role Playing</b> Derek Brown	
4:00 – 4:15	<b>Preparation for Simulated Patients</b> Derek Brown	
4:15 – 5:00	<b>Introduction to Cultural Competency in Patient Interactions</b> Titania Juang	
5:00 – 5:15	<b>Award presentations, vendor passport drawing, and closing remarks</b>	
5:15 – 6:30	<b>Networking and social hour at the Sentinel Library</b>	

<b>Day 2 (Virtual)</b>	
8:00 – 8:30	<b>Preparation for Simulated Patients</b> Laura Padilla and Titania Juang
8:30 – 12:30 w/ Breaks	<b>Exercise 4: Simulated Patient Interactions</b> (Approximately 1 hour for each attendee)
12:30 – 1:00	<b>Feedback from Simulated Patient Interactions</b> Laura Padilla and Titania Juang