

**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	Experiences in Communicating with Patients Todd Atwood	
8:30 – 9:30	Effective Communication Strategies for Physicist-Patient Interactions Derek Brown	
9:30 – 9:45	Vendor Presentation	
9:45 – 10:15	Coffee Break / Vendor Interaction	
10:15 – 10:45	Common Patient Interactions and Questions Todd Atwood	
10:45 – 11:30	Exercise 1: Addressing Patient Questions and Concerns Titania Juang	
11:30 – 12:30	Lunch / Vendor Interaction / Chapter Business Meeting	
12:30 – 1:00	Exercise 2: Analysis of Physicist-Patient Interactions Derek Brown and Todd Atwood	
1:00 – 2:15	Early Career and SLAM presentations	
	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 ¹⁷⁷ Lu-PSMA radiopharmaceutical patients
	Evan Dodson (SLAM)	Reducing SPECT/CT scanning in ¹⁷⁷ 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	Vendor Presentation	
2:30 – 3:00	Coffee Break / Vendor Interaction	
3:00 – 4:00	Exercise 3: Physicist-Patient Role Playing Derek Brown	
4:00 – 4:15	Preparation for Simulated Patients Derek Brown	
4:15 – 5:00	Introduction to Cultural Competency in Patient Interactions Titania Juang	
5:00 – 5:15	Award presentations, vendor passport drawing, and closing remarks	
5:15 – 6:30	Networking and social hour at the Sentinel Library	

Day 2 (Virtual)	
8:00 – 8:30	Preparation for Simulated Patients Laura Padilla and Titania Juang
8:30 – 11:00 w/ Breaks	Exercise 4: Simulated Patient Interactions (Approximately 1 hour for each attendee)
11:00 – 11:30	Feedback from Simulated Patient Interactions Laura Padilla and Titania Juang