WILLIS-KNIGHTON CANCER CENTER

2600 Kings Highway
Shreveport, Louisiana 71103

Proton Radiotherapy Physics Workshop

sponsored by IBA with continuing education credits facilitated by SWAAPM

When: Fri. Nov. 15, 2019 (8:00 am – 5:00 pm)
Sat. Nov. 16, 2019 (8:00 am – 12:30 pm)

Why: Knowledge + Continuing Education
(*application has been made to CAMPEP for 11.5 MPCEC credit hours and been approved for 10.5 MDCB credits)*

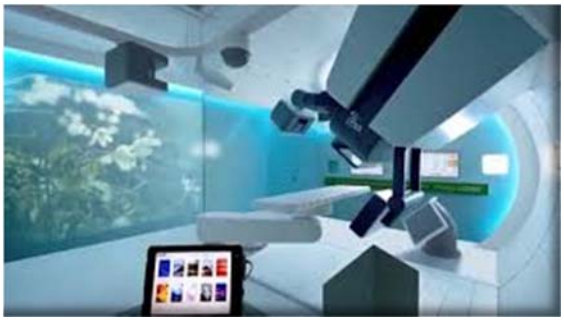
Cost: $150 (both days) / $100 (Fri.) / $50 (Sat.)
breakfast, lunch, dinner on Friday and breakfast on Saturday will be provided

Register by Nov. 1, 2019: https://classes.wkhs.com/SectionListing.aspx?link=584
or by phone: (318) 212-8225

Please join us at Willis-Knighton Cancer Center (WKCC) in Shreveport, LA for a proton radiotherapy physics workshop. Consisting of didactic presentations and practical demonstrations, this workshop is designed as an introduction to the implementation and utilization of proton therapy in a community or regional cancer center for medical physicists, dosimetrists, and physics residents/students. Topics to be covered include the basics of proton physics and dosimetry as well as technical aspects and experience (commissioning, QA, etc.) of proton implementation and utilization on various proton therapy system including WKCC's IBA Proteus®ONE compact, image-guided, pencil-beam scanning, intensity-modulated proton therapy system.

Speakers

- Dr. Mark Pankuch, Ph.D., DABR, Northwestern Medicine Chicago Proton Center, Chicago, IL
- Dr. Jacob Flanz, Ph.D., Burr Proton Therapy Center, Massachusetts General Hospital, Boston, MA
- Dr. Xuanfeng "Leo" Ding, Ph.D., DABR, William Beaumont Hospital, Royal Oak, MI
- Dr. Xiaoning Ding, Ph.D., DABR, Mayo Clinic Arizona, Phoenix, AZ
- Dr. Kuan Ling "Gwen" Chen, Ph.D., DABR, WKCC, Shreveport, LA
- Dr. Terry Wu, Ph.D., DABR, WKCC, Shreveport, LA
- Dr. Lane Rosen, M.D., DABR, WKCC, Shreveport, LA
- Dr. C. Jake Wang, M.D., DABR, WKCC, Shreveport, LA
- Dr. Joseph Syh, Ph.D., DABR, WKCC, Shreveport, LA
- Dr. Matthew Maynard, Ph.D., DABR, WKCC, Shreveport, LA
- Dr. Joseph P. Dugas, Ph.D., DABR, WKCC, Shreveport, LA
- Ms. Megan Rodrigues, B.S., CMD, WKCC, Shreveport, LA
- Mr. Chris Henry, B.S., CMD, WKCC, Shreveport LA



More Info/Media: www.wkhs.com/Cancer.aspx | www.youtube.com/watch?v=lY0j936JFso
www.youtube.com/watch?v=RiVA5mqnHfk

WKCC Proton Therapy Physics Workshop Schedule

Friday Nov. 15, 2019

7:30 – 8:00 AM:	Breakfast and Registration
8:00 – 8:15 AM:	Welcome (Vincent Sedminik, Director, WKCC)
8:15 – 8:45 AM:	Basic Proton Physics (Joseph P. Dugas, Ph.D., WKCC)
8:45 – 9:15 AM:	Approved Indications for Proton Therapy (C. Jake Wang, M.D., WKCC)
9:15 – 9:45 AM:	Radiobiology of Protons (Lane Rosen, M.D., WKCC)
9:45 – 10:00 AM:	Break
10:00 – 11:00 AM:	Accelerator & Proton System Design (Jacob Flanz, Ph.D., Burr Proton Therapy Center, Massachusetts General Hospital)
11:00 – 12:00 PM:	Outside Proton Experience (Mark Pankuch, Ph.D., Northwestern Medicine Chicago Proton Center)
12:00 – 12:45 PM:	Lunch
12:45 – 1:45 PM:	Willis-Knighton Proton Commissioning, Calibration, and Validation (Matthew Maynard Ph.D. & Joseph Syh, Ph.D., WKCC)
1:45 – 2:45 PM	Outside Proton Experience (Xiaoning Ding, Ph.D., Mayo Clinic Arizona)
2:45 – 3:00 PM:	Break
3:00 – 4:00 PM:	Motion Management & Uncertainty (Kuan Ling "Gwen" Chen, Ph.D., WKCC)
4:00 – 5:00 PM:	New Developments in Proton Therapy (Xuanfeng "Leo" Ding, Ph.D., William Beaumont Hospital)
5:00 – 5:30 PM:	Economics of Proton Beam Therapy (Terry Wu, Ph.D., WKCC)
6:30 PM –	Dinner (offsite TBD)

Saturday Nov. 16, 2019

8:00 – 8:30 AM:	Breakfast
8:30 – 9:00 AM:	Proton Treatment Planning Overview (Terry Wu, Ph.D., WKCC)

Breakout Sessions (attendees divided into 4 Groups)

Session 1: Proton Tx Planning A (Selected Sites, Megan Rodrigues, CMD, WKCC)

Session 2: Proton Tx Planning B (Selected Sites, Chris Henry, CMD, WKCC)

Session 3: Proton Instruments and Function (Kuan Ling “Gwen” Chen Ph.D., WKCC)

Session 4: WKCC Site Tour (Joseph P. Dugas, Ph.D., WKCC)

	Session 1 Megan Rodrigues	**Session 2 Chris Henry**	**Session 3 Gwen Chen**	**Session 4 Joe Dugas**
9:00 – 9:45 AM	Group 1	Group 2	Group 3	Group 4
9:45 – 10:30 AM	Group 4	Group 1	Group 2	Group 3
10:30 – 11:15 AM	Group 3	Group 4	Group 1	Group 2
11:15 AM – Noon	Group 2	Group 3	Group 4	Group 1

Noon – 12:30 PM: Final Questions & Answers, etc.