


HSRPKM Curriculum - SAMPLE

<b>Curriculum</b>		
<b>Monday</b> <b>June 5<sup>rd</sup> noon-2</b>  <b>MRB4</b> <b>Luncheon</b>	Week 1:	<b>Welcome to the Harvard Summer Research Program in Kidney Medicine</b>  Drs. Joseph Bonventre, Li-Li Hsiao and Josh Waitzman
Wednesday June 7 <sup>th</sup> 4:30-6 pm Room B08 Emmanuel Building 41 Ave Louis Pasteur	Week 1	<b>Renal lecture Part I: Renal physiology</b>  Students will build on prior exposure to cell biology to learn about the specialized cells of the glomerulus, the modulation of glomerular pressure and its effect on filtration. Students will consider the role of the kidney in homeostasis with consideration of hormonal regulation and integrated control throughout the nephron  Drs. Josh Waitzman and Li-Li Hsiao
Wednesday June 14 4:30-6 pm Autopsy Suite # L2-190 (see map below)	Week 2	<b>Review of Gross Kidney Specimens: time per Robert</b> Dr. Robert Padera
<b>Friday</b> <b>June 23</b> <b>4:30-7:00 pm</b> Room B08 Emmanuel Building 41 Ave Louis Pasteur	Week 3	<b>Introduction to Kidney health screening in community: KDSAP (Kidney Disease Screening and Awareness Program) model</b> In preparation for students' participation in a community screening for CKD, KDSAP provides a training session, which includes patient confidentiality, HIPPA, and culture competency. Students will learn how to measure body mass index, waist hip circumference, blood glucose, blood pressure and performance of the urinalysis.  Dr. Li-Li Hsiao, Jane Kuo and KDSAP team
<b>Saturday</b> <b>June 24</b> <b>All-day</b>	Week 3	<b>Kidney Health screening in the community</b> <b>Screening time: 11 am-3pm (leaving Boston latest 9 am)</b> <b>St. Patrick Parish</b> <b>118 South Broadway</b> <b>Lawrence, MA 01843</b>
Wednesday June 28 <sup>th</sup> 4:30-6:00 pm	Week 4	<b>Renal lecture Part II: Renal pathophysiology, Role of the Kidney in Disease</b>

<p>Room B08 Emmanuel Building 41 Ave Louis Pasteur</p>		<p>Students will learn the basics of urinalysis and kidney pathology. They will learn about CKD</p> <p>Drs. Josh Waitzman and Li-Li Hsiao</p>
<p>Wednesday July 5 All-day</p>	<p>Week5</p>	<p><b>Visit to Quincy Dialysis unit</b> Review the history of dialysis, mechanisms to remove blood from patient, clean the water and achieve clearance and ultrafiltration. Students will also have opportunity to interview patients <b>Tentatively 9am-noon</b></p> <p>Drs. Josh Waitzman and Li-Li Hsiao</p> <p><b>US Renal Care-Quincy at Marina Bay</b> 500 Victory Rd., Quincy, MA 02171 (617) 472-7800</p> <ol style="list-style-type: none"> <li>1. Take E Line (Lechmere direction) to <u>Park Street Station</u>.</li> <li>2. Connect to Red Line (<b>BRAINTREE</b> direction, <b>DO NOT</b> take Ashmont direction.) and get off at <u>North Quincy Station</u>.</li> <li>3. Look for and take the <b>Marina Bay Sportsplex shuttle</b> from North Quincy Station and shuttle's last stop should be right outside of the dialysis center building. (Ask the driver when get on the shuttle)</li> <li>4. There is an App to track the shuttle called "BSC-MB Residents" which was developed for residents in a nearby condo. Students may download the app to track the shuttle and the login pin is 2721. (Just tested, it still works.)</li> </ol> <p><b>Shuttle Service for Marina Point WEEKDAY SHUTTLE (Monday to Friday)</b></p> <ul style="list-style-type: none"> <li>• There is no fee for this shuttle service.</li> <li>• The pickup/drop off for Marina Point: outside 2001 Marina Drive. The shuttle app is BSCSHUTTLE (code 2721) which tracks the shuttle(s) movement.</li> <li>• Schedule: Between the hours of 6:00 AM to 9:00 AM two shuttles will run simultaneously departing every 10-12 minutes. Between the hours of 9 AM to 4:00 PM one shuttle will run, departing every 15- 20 minutes. Between the hours of 4:00 PM to 7:00 PM t two shuttles will run simultaneously departing every 10-12 minutes.</li> </ul>

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<p>Wednesday July 12 4:30-6:00 pm Room B08 Emmanuel Building 41 Ave Louis Pasteur</p>	<p>Week 6</p>	<p><b>Meet the patient</b></p>
<p>Wednesday July 19 4:30-6:00 pm Room B08 Emmanuel Building 41 Ave Louis Pasteur</p>	<p><b>Week 7</b></p>	<p><b>Poster Development and presentation workshop</b> Dr. Li-Li Hsiao</p>
<p>Monday July 24<sup>th</sup> 5:15-8:15pm Zinner Breakout room Shapiro Building, 70 Francis Street</p>	<p>Week 8</p>	<p><b>Local Presentation of Research</b> Students will present the results of their research to their peers and to the investigative partners. Set up time: 5:15pm Presentation: 5:45 to 8:00 Breakdown: 8:15 pm</p> <p><i>Please invite your advisors and all lab members</i></p>
	<p>Week 9</p>	
<p>Thursday- Friday August 3-4</p>		<p>KUH National Symposium In person the University of Wisconsin-Madison <a href="https://www.niddk.nih.gov/news/meetings-workshops/2022/kuh-summer-undergraduate-research-symposium-2022">https://www.niddk.nih.gov/news/meetings-workshops/2022/kuh-summer-undergraduate-research-symposium-2022</a></p>

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