

**STRUCTURED IMPROVISATION PLAN – 2018 SUMMER ACADEMY**

*Caring Humanoid Robots – Is It Possible?*

DATE/ TIME	TOPIC	EVOCATEUR	PREPARATION/ [NOTES]
<b>WEDNESDAY, JUNE 13, 2018</b>			
8:15	Lite Breakfast		
9:00-10:15	Welcome, Introductions, Personal Quest; break	Anne Boykin Savina Schoenhofer	
10:15-11:00	<p><b>Question: VALUING</b></p> <p><b>I. How could caring serve as the moral framework for the creation of Humanoid Nurse Robots?</b></p> <p><b>a. What key ethical principles should undergird thinking about the development and employment of humanoid robots that can be expected to communicate caring to patients, families and/or colleagues?</b></p>	Marilyn (Dee) Ray Rozzano Locsin	<p><b>Barnard, A. (2017). A critical examination of robotics and the sacred in nursing. In Tanioka, T et al., <i>Nursing robots: Robotic Technology and Human Caring for the Elderly</i>, Ch. 10.</b></p> <p><b>Ito, H. et al. (2017) Artificiality and intelligence in human caring robots: Ethical issues for nursing. Tanioka et al., <i>Nursing robots: Robotic Technology and Human Caring for the Elderly</i>, Ch. 12.</b></p>
11:00-12:15	<p><b>VALUING (continued)</b></p> <p><b>b. Frameworks to aid in conceptualization of caring HNRs.</b></p>	Aimee van Wynsberghe  Tetsuya Tanioka	<p><b>van Wynsberghe, A. (2013). Designing robots for care: Care centered value sensitive design. <i>Science and Engineering Ethics</i>, 19(2), 407-433. (in your packet)</b></p> <p><b>Van Wynsberghe, A. (2015). Healthcare robots: Ethics, design and implementation. Burlington, VT: Ashgate Publishing Co.</b></p> <p><b>Tanioka, T. (2017). The Transactive Relationship Theory of Nursing (TRETTON): A model for nursing engagement of health care robots and human persons. In Tanioka et al., <i>Nursing robots: Robotic Technology and Human Caring for the Elderly</i>, Ch. 11.</b></p>
12:15-1:15	Lunch		
1:15-2:45	<p><b>THINKING</b></p> <p><b>Qx: What knowledge of caring is essential to creating caring HNRs?</b></p>	Marlaine Smith Zane Wolf	Nursing Robots, Locsin, Ch. 13 Nursing Robots, Osaka, Ch. 6
2:45-3:00	Refreshments		

3:00-4:30	<b>THINKING/DOING</b> <b>a. What are robots?</b>  <b>b. What type of thinking differentiates human from humanoid?</b>	<b>Yoshihiro Kai</b>  <b>Jason Hallstrom</b>	<b>Nursing Robots, Kai, Ch. 5</b>  <b>Nursing Robots, Ren &amp; Matsumoto, Ch. 13</b> <b>Nursing Robots, Ch. 1</b> <b>Nursing Robots, Ch. 2</b> <b>Nursing Robots, Ch. 3</b> <b>Nursing Robots, Ch. 4</b>
-----------	--	--	---

<b>THURSDAY, JUNE 14, 2018</b>			
8:15	Lite Breakfast		
9:00-9:15	Checking in	Anne Boykin	
9:15 – 10:30	<b>THINKING/DOING</b> <b>(con't)</b> <b>c. Is it possible for humanoids to have consciousness</b>	<b>Rozzano Locsin</b> <b>Marilyn (Dee) Ray</b>	<b>Nursing Robots, Ch. 9</b>
10:30-10:45	Refreshments		
10:45-12:00	<b>d. What is the range of situations in which HNRs can be called upon to participate in caring?</b>	<b>Charlotte Barry</b> <b>Claudia Grobbel</b>	<b>Nursing Robots, Ch. 8</b>
12:00 – 1:00	Lunch		
1:00-3:30	<b>e. What are the challenges to the use of HNRs?</b>	<b>Terri Touhy</b> <b>Nancey France</b>	<b>Locsin, R. C., &amp; Ito, H. (2018). Can humanoid nurse robots replace human nurses? <i>Journal of Nursing</i>,5(1). <a href="http://www.hoajonline.com/nursing/2056-9157/5/1">http://www.hoajonline.com/nursing/2056-9157/5/1</a></b>
3:30-3:45	Refreshment		
3:45-4:30	<b>QX: IMAGINING</b> <b>a. How could the design and use of caring humanoid robots influence the advancement of caring science?</b>	<b>Charlotte Barry</b> <b>Beth King</b>	<b>Nursing Robots, Ch. 14</b>

**FRIDAY, JUNE 15, 2018**

<b>8:15</b>	<b>Lite Breakfast</b>		
<b>8:15-9:15</b>	<b>Planning the Work of Influencing the Advancement of Caring Science in Relation to HNRs</b>	<b>Sue Bulfin Mary Packard</b>	
<b>9:15-10:30</b>	<b>Sharing and Dialogue with Artist-in-Residence</b>	<b>Vasti Jackson</b>	<b>Note: This session will be in the Atrium.</b>
<b>10:30</b>	<b>Refreshments</b>		
<b>10:45-12:00</b>	<b>Wrapping Up and Moving Forward</b>	<b>Anne Boykin</b>	