

National Human Genome Research Institute



# Short Course in Genomics

Nurse, Physician Assistant and Faculty Track

## **AGENDA**

**National Institutes of Health  
National Human Genome Research Institute  
Genomic Healthcare Branch  
August 8-11, 2017  
Bethesda, MD  
Building 31, C Wing, Sixth Floor**

**DAY 1: Tuesday, August 8: GENOMICS ACROSS THE HEALTH CARE CONTINUUM: ROOM 10**

<b><u>TIME</u></b>	<b><u>ROOM</u></b>	<b><u>SPEAKER</u></b>	<b><u>TOPIC</u></b>
8:30am – 9:00am	(30 min)	Donna Messersmith, Ph.D. and Kathleen Calzone, Ph.D., R.N., AGN-BC, FAAN, Co-Directors	Meet and Greet
9:00am – 9:45am	(45 min)	TBD	NHGRI Welcome
9:45am – 10:45am	(1 hr)	Chantelle Wolpert, Ph.D., G.C., PA-C	Genomics Primer
10:45am – 11:00am	(15 min)	BREAK	
11:00am – 12:15pm	(1 hr 15 min)	Kathleen Calzone, Ph.D., R.N., AGN-BC, FAAN	Genomics Across the Health Care Continuum,
12:15pm – 1:30pm	(1 hr 15 min)	LUNCH	
1:30pm – 3:00pm	(1.5 hrs)	Adriana Malheiro	Overview of the Genetic Testing Registry (GTR)
3:00pm – 3:15pm	(15 min)	BREAK	
3:15pm – 4:15pm	(1 hr)	Vence Bonham, J.D.	Equity in Treatment and Health Disparities
4:15pm – 4:45 pm		EVALUATION: ONLINE	

5:00 pm – 6:00 pm	4B31	Optional: G3C Feedback Session
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<b>DAY 2: Wednesday, August 9: GENOMICS RESOURCES AND ISSUES: Room 10</b>			
<b><u>TIME</u></b>	<b><u>ROOM</u></b>	<b><u>SPEAKER</u></b>	<b><u>TOPIC</u></b>
<i>(Possible appointments 8 – 9am)</i> 9:00am – 10:00am	(1 hr)	PANEL: <i>(Discuss the basics of competencies with potential applications for integration into curricula or practice, what are differences, where is “cross-talk” and opportunities for inter-professional education)</i>	Nurse and PA Competency Review and Discussion
10:00am – 11:00am	(1 hr)	Aniwaa Owusu Obeng, Pharm.D.	Pharmacogenomics
11:00am – 11:15am	(15min)	BREAK	
11:15am - 12:15pm	(1 hr)	Barb Biesecker, Ph.D.	Genetic Counseling
12:15 pm – 1:15pm	(1 hr)	LUNCH	
1:15pm - 2:15pm	(1 hr)	Sara Hull, Ph.D.	Genomics and Ethical, Legal, and Social Implications
2:15pm -2:30pm		BREAK	
2:30pm – 4:00pm	(1.5 hr)	Donna Messersmith, Ph.D.	Genomic Educational Resources

4:00pm – 5:00pm	(1 hr)	<b>Panel Discussion: Genomics in Practice and in the Academic Environment</b> <i>(Each panel member gives introductions for 20 min total; then about 35 min in small groups in which participants pick one of the presenters to discuss/listen/explore ideas)</i>	Challenges of Implementing/Educating about Genomics in Academic and Clinical Settings
5:00pm - 5:15pm	(15min)	<b>Evaluation</b>	
5:15pm -5:45pm	(30min)	OPTIONAL: Kathy Calzone, Ph.D., R.N., AGN-BC, FAAN: Omics Nursing Science & Education Network (ONSEN); Research Focus: for those interested in integrating genomics into nursing science research	
6:00pm – 8:00pm		OPTIONAL: Group Dinner (self-pay)	

<b>DAY 3: Thursday, August 10: IMPLEMENTING GENOMICS</b>						
	<b>Educator</b>			<b>Provider</b>		
<b>TIME</b>	<b>ROOM</b>	<b>SPEAKER</b>	<b>TOPIC</b>	<b>ROOM</b>	<b>SPEAKER</b>	<b>TOPIC</b>
<i>(Possible appointments 8 – 9am)</i> 9:00am – 10:00am	1 hr	Panel	Strategies and Interdisciplinary Resources for Integrating Genomics into Nursing and PA Education: Stories of integration and achievements in different settings	1 hr	Panel	Pharmacogenetics and Clinical Integration
10:00am – 10:15am	<b>BREAK</b>			<b>BREAK</b>		
10:15am - 11:15am	(1 hr)	Speaker TBD	Curriculum Mapping	(1.5 hrs) 10:15am – 11:45 am	Kathy Calzone, Ph.D., R.N., AGN-BC, FAAN	Strategies and Challenges in Interdisciplinary Genomic Integration into Practice-MINC Model (clinical integration); MINC Toolkit
11:15am – 12:15pm	(1 hr)	Ed Michaud, Ph.D.	PA Competencies and PA Curriculum Integration			
	<b>LUNCH: 12:15pm – 1:15pm</b>			<b>LUNCH: 11:45am - 1:15 pm</b>		

1:15pm – 2:15pm	(1 hr)	Marcia Van Riper, Ph.D., R.N., FAAN	Strategies for Genomic Integration into the Curriculum	(1 hr)	Sharon Flynn, MS, RN, ANP-BC, AOCNS, BMTCN	MINC Implementation in the Clinical Center: <b>Exemplar.</b> Implementation of clinical competencies.
2:15-2:30	(15min)	BREAK		(15min)	BREAK	
2:30pm - 3:45pm	(1 hr, 15 min)	<b>Interactive Working Session:</b> Participants bring curricula from their schools, including syllabi, objectives, lecture titles, etc. Participants receive guidance on where and how to integrate genomics.		(1 hr, 15 min)	<b>Interactive Working Session:</b> Participants come prepared to discuss integration strategies within their healthcare environment.	
3:45pm-4:00pm		Evaluation of Educator Track			Evaluation of Provider Track	
4:00pm-4:15pm		<b>Conversational Evaluation among full group</b>				
4:15pm-4:30pm		<b>Online Evaluation</b>				
4:45pm-5:45pm		<b>Tour participants meet in Clinical Center Atrium; Tour of Clinical Center</b>				

<b>DAY 4: Friday, August 11: IMPLEMENTING GENOMICS, part 2</b>			
<i>OPTIONAL REPEAT DAY 3, DEPENDING UPON REQUESTS FROM ACCEPTED PARTICIPANTS (enables participants to take the second track)</i>			