

National Human Genome Research Institute Short Course in Genomics 2016 Nurse, Physician Assistant and Faculty Track

National Institutes of Health, Bethesda, MD

August 1-3, 2016

Short Course Overview

The NHGRI Short Course in Genomics is a partnership between two branches of NHGRI's Division of Policy, Communications and Education. The Genomic Healthcare Branch offers a track for nurses, nurse practitioners and physician assistants, as well as the faculty who educate them.

The nurse, physician assistant and faculty track includes lectures provided by leaders in health professional genomic education. Sessions on the third day, tailored to either educators or clinicians, facilitate interactivity between participants and presenters. Educators will provide recommendations for incorporating genomic competencies into curricula, while clinician presenters will describe best practices for integrating genomics and genetic testing into practice. Class size is limited; interested nurse, physician assistant and faculty are encouraged to apply early.

Background

The National Human Genome Research Institute (NHGRI) led the National Institute of Health's (NIH) contribution to the International Human Genome Project (HGP) with its primary goal of sequencing the human genome, which was completed in April 2003. Since then, the NHGRI's mission has expanded to encompass a broad range of studies aimed at understanding the structure and function of the human genome and its role in health and disease. To that end, the NHGRI supports the training of investigators and the dissemination of genome information to the public and to health professionals.

The Genomic Healthcare Branch (GHB) of the NHGRI supports a range of programs to educate health professionals in genetics and genomics. Education initiatives include the Genetics and Genomics Competency Center (G2C2; <http://g-2-c-2.org/>), a repository of educational resources for health professionals and several lecture series, including "Understanding Genetic Testing" for insurers (<https://www.genome.gov/27563343>).

Course Dates and Location

The 2016 NHGRI Short Course in Genomics will be held August 1 – 3, 2016 at the National Institutes of Health in Bethesda, MD.

Cost

The course is free. Participants and/or their institutions must pay their own costs for travel, meals, and expenses.

Application Process

- Obtain application from course website: <http://www.genome.gov/shortcourse/healthprofessionals/>
- Submit completed application with your CV and support letter to Dr. Donna Messersmith, Course Director, by email (donna.messersmith@nih.gov) or fax (301-480-5008)
- Application Submission Deadline: May 20, 2016, 5 pm ET.
- Only completed applications containing CV, support letter, and answers to questions on application will be considered.
- Applicants will be notified via email of their application outcome by June 10, 2016.

Women and minorities are encouraged to apply.

For more information, visit <http://www.genome.gov/ShortCourse/HealthProfessionals>.



NHGRI Short Course in Genomics: Nurse, Physician Assistant and Faculty Track

AGENDA

National Institutes of Health
National Human Genome Research Institute
Genomic Healthcare Branch
August 1-3, 2016
Bethesda, MD
Building 31

Monday, August 1			
<u>TIME</u>	<u>ROOM</u>	<u>SPEAKER</u>	<u>TOPIC</u>
9:00am – 9:20am	10	Carla Easter, Ph.D.	Welcome/Ice Breaker
9:20am – 10:00am	10	Vence Bonham, J.D.	Precision Medicine Initiative
10:10am – 11:00am	10	Larry Brody, Ph.D. (tentative)	Cancer Genomics
11:00am – 11:15am		BREAK	
11:15am – 12:15pm	7	Bob Wildin, M.D.	Genomics Primer
12:15pm – 1:15pm		LUNCH	

1:15pm – 2:15pm	7	Kathleen Calzone, Ph.D., R.N., APNG, FAAN	Genomics Across the Health Care Continuum
2:15pm – 2:45pm	7	Connie Goldgar, PA-C, M.S.	Integration of Physician Assistant Competencies into the Curriculum
2:45pm – 3:00pm		BREAK	
3:00pm – 3:30pm	7	Kathleen Calzone, Ph.D., R.N., APNG, FAAN	“Crosstalk”: Inter-professional competencies
3:30pm – 4:45pm	7	Panel Discussion: Genomics in Practice and in the Academic Environment (Diane Siebert, Connie Goldgar, Kathy Calzone, Patricia Brennan, Georgie Cusack)	Challenges of implementing/educating about genomics in academic and clinical settings
4:45pm – 5 pm		EVALUATION	

Tuesday, August 2

<u>TIME</u>	<u>ROOM</u>	<u>SPEAKER</u>	<u>TOPIC</u>
9:00am – 9:45am	7	Aniwaa Owusu Obeng, Pharm.D.	Pharmacogenomics
9:45 am – 10:45am	7	Kathleen Calzone, Ph.D., R.N., APNG, FAAN	G3C case studies
10:45am – 11:00am		BREAK	
11:00am – 11:45am	7	Donna Messersmith, Ph.D.	G2C2, “Unlocking Life’s Code” and Talking Glossary resources
11:45am – 12:30pm	7	Donna Messersmith, Ph.D.	Resources: Hands-On Exercises
12:30pm – 1:30pm		LUNCH	
1:30pm – 2:30pm	7	Barb Biesecker, Ph.D.	Genetic Counseling
2:30pm – 3:30 pm	7	Jean Jenkins, Ph.D., R.N., FAAN	Genomics and Ethical, Legal, and Social Implications
3:30pm – 3:45pm		BREAK	
3:45pm – 4:45pm	7	Vence Bonham, J.D.	Health Disparities
4:45pm-5:00pm		EVALUATION	

BREAK OUT PROGRAM-Educator and Provider

Wednesday, August 3: IMPLEMENTING GENOMICS						
Educator				Provider		
TIME	ROOM	SPEAKER	TOPIC	ROOM	SPEAKER	TOPIC
9:00am – 10:00am	7	Panel: Patricia Brennan, Ph.D., R.N.; Jean Jenkins, Ph.D., R.N., FAAN; Diane Seibert, Ph.D., ARNP, FAAN, FAANP; Marcia Van Riper, Ph.D., R.N., FAAN	Strategies and Interdisciplinary Resources for Integrating Genomics into Nursing Education	5	Wendy Rubenstein, M.D.	Overview of the Genetic Testing Registry (GTR); plus exercises
10:00am – 10:15am		BREAK		BREAK		
10:15am – 11:15pm	7	Patricia Brennan, Ph.D., R.N.	Curriculum Mapping	5	Kathy Calzone, Ph.D., R.N., APNG, FAAN	Strategies and Challenges in Interdisciplinary Genomic Integration into Practice-MINC Model

11:15pm – 12:15pm	7	Diane Seibert, Ph.D., ARNP, FAAN, FAANP	Genomic Competence of Nursing Faculty	5	Jean Jenkins, Ph.D., R.N., FAAN	MINC Toolkit
12:15pm – 1:15pm	LUNCH			LUNCH		
1:15pm – 2:15pm	7	Marcia Van Riper, Ph.D., R.N., FAAN	Strategies for Genomic Integration into the Curriculum	5	Georgie Cusack, M.S., R.N., AOCNS and Kathy Feigenbaum, Clinical Nurse Specialist	MINC Implementation in the Clinical Center: <i>Exemplar</i> . Implementation of clinical competencies.
2:15pm - 3:15pm	10	Interactive Working Session: Participants bring curricula from their schools, including syllabi, objectives, lecture titles, etc. In consultation with Diane Seibert, Jean Jenkins and Marcia Van Riper, participants will receive guidance on where and how to integrate genomics.		5	Interactive Working Session: Participants come prepared to discuss integration strategies within their healthcare environment in consultation with Kathy Calzone, Georgie Cusack, and Kathy Feigenbaum	
3:15pm-3:45pm	10	Summarize Educator and Provider Sub-Groups, then Group Discussion: Integration of clinical work into academics				
3:45pm-4:15pm	10	Conversational Evaluation				

4:15pm – 4:30pm	10	Written Evaluation			
4:30pm – 5:30pm		Tour of Clinical Center			