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The University of Chicago Department of Medicine
Section of Hematology and Oncology & Center for Clinical Cancer Genetics
In Collaboration with The City of Hope Division of Clinical Cancer Genetics

THE UNIVERSITY OF CHICAGO

Center for Clinical Cancer Genetics and Global Health

7TH ANNUAL CLINICAL CANCER GENETICS AND GENOMICS CONFERENCE

FRONTIERS IN PRECISION MEDICINE FOR INHERITED CANCERS:
FROM RISK ASSESSMENT TO TARGETED THERAPIES

CONFERENCE CO-DIRECTORS**Olufunmilayo Olopade, MD, FACP**

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**APRIL
20-21
2018**

This educational activity is funded in part by: Center for Clinical Cancer Genetics through grants from the National Cancer Institute, Ralph and Marion Falk Medical Research Trust and families who support our efforts.

Register online at:cme.uchicago.edu/CancerGenetics18

THE GWEN HOTEL
521 N Rush Street
Chicago IL 60611

CONFERENCE DESCRIPTION

This activity will provide an interdisciplinary educational forum in which to provide updates on state-of-the-art science, discuss real-world cases, curate interesting pedigrees, and prepare case summaries to disseminate new knowledge in translational genomics and evidence-based clinical management of high-risk patients and their family members. The goal is to improve detection of inherited cancer syndromes and prevent cancer morbidity and mortality.

LEARNING OBJECTIVES

Upon completion of this activity, participants will be better able to:

- *Comprehend new and advanced concepts in genetics, genomics, and next generation sequencing (NGS) technologies*
- *Recognize advances in the clinical management of patients with inherited cancer syndromes including breast, prostate, gastrointestinal and hematologic malignancies*
- *Discuss integration of novel cancer therapies based on genomic alterations in tumor tissue that may reveal germline mutations such as MLH1 and BRCA mutations into the practice of oncology*
- *Describe how to manage cancer patients from high risk families using a globally-informed perspective*
- *Discuss emerging models for cancer risk assessment and genetic testing including integration of a polygenic risk score*
- *Recognize the ethical, legal, and social implications of genomic testing in healthy populations*

Please join us for what promises to be an informative and comprehensive conference!

TARGET AUDIENCE

This activity has been designed for physicians, physician assistants, advanced nurse practitioners, genetic counselors, oncology nurses, and other health care professionals currently involved in providing cancer genetics risk assessment services or initiating such services in their health care system. Special efforts will be made to meet the needs of clinicians practicing in non-academic centers and geographically and/or socioeconomically underserved communities.

ACCREDITATION AND CREDIT DESIGNATION

Accreditation Statement

The University of Chicago Pritzker School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation Statement

The University of Chicago Pritzker School of Medicine designates this live activity for a maximum of 15 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses and other healthcare professionals will receive a Certificate of Participation. For information on the applicability and acceptance of Certificates of Participation for educational activities certified for *AMA PRA Category 1 Credit™* from organizations accredited by the ACCME, please consult your professional licensing board.

Genetic Counselor CEUs: This event has been submitted to the National Society of Genetic Counselors (NSGC) for approval of Category 1 CEUs. The American Board of Genetic Counseling (ABGC) accepts CEUs approved by NSGC for purposes of recertification. Approval for the requested CEUs and Contact Hours is currently pending.

EDUCATIONAL GRANTS/ COMMERCIAL SUPPORT

A complete listing of commercial support received will be provided in the conference materials.

DISCLOSURE DECLARATIONS

As a provider accredited by the ACCME, The University of Chicago Pritzker School of Medicine asks everyone who is in a position to control the content of an educational activity to disclose all relevant financial relationships with any commercial interest. This includes any entity producing, marketing, re-selling, or distributing health care goods or services consumed by or used on patients. The ACCME defines "relevant financial relationships" as financial relationships in any amount occurring within the past 12 months, including financial relationships of a spouse or life partner that could create a conflict of interest. Mechanisms are in place to identify and resolve any potential conflict of interest prior to the start of the activity.

Additionally, The University of Chicago Pritzker School of Medicine requires authors to identify investigational products or off-label uses of products regulated by the US Food and Drug Administration at first mention and where appropriate in the content.

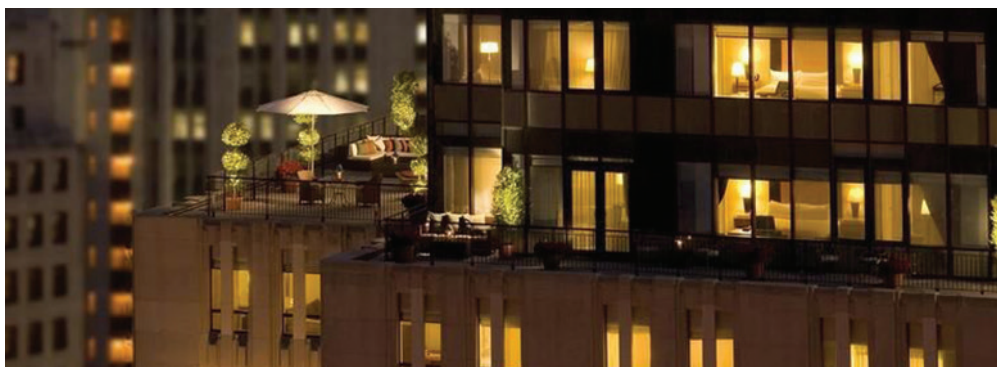
LOCATION AND ACCOMMODATIONS

We are excited and pleased to be moving to the Gwen Hotel in 2018! Named one of the Best Hotels in Chicago by Travel + Leisure, The Gwen is located off of the Magnificent Mile in the landmark McGraw-Hill Building. Surrounded by many of the most exciting attractions in Chicago, this reimagined icon is adorned with panels created in 1929 by sculptress Gwen Lux, the hotel's namesake.

Experience the culture and urban energy of downtown Chicago when you stay at the Gwen Hotel. Nestled in the heart of Michigan Avenue, just about everything is within walking distance: the symphony, museums, galleries, world-class restaurants, shopping, Lake Michigan and the Loop financial district.

We are pleased to offer a **special discounted rate of \$185*** single or double occupancy

Chicago is truly a city with something for everyone! To help plan your stay in Chicago visit: www.choosechicago.com



To reserve a room at this special rate, please call the hotel at 312.645.1500 and identify yourself as part of the **University of Chicago Cancer Genetics 2018 event** or book online at: www.starwoodmeeting.com/events/start.action?id=1706094573&key=33E08EB9

Please book early, as hotels often sell out in advance. Reservations must be made before **March 20, 2018** to ensure availability and group rates.

Parking: Please call the hotel regarding day rates or use spothero.com to secure the best rate.

TRAVEL AWARDS

Funds are available for merit- and need-based travel awards for individuals submitting an abstract for poster presentation and/or submission of interesting pedigrees to include in the conference proceedings. Trainees in genetic counseling, nursing or clinical oncology training programs and junior faculty members are encouraged to apply for travel awards. Potential recipients for need-based awards are reviewed for eligibility by the organizing committee based both on 1.) His or her representativeness as an underrepresented minority health professional, and/or on the applicant's provision of genetic cancer risk assessment services to underserved and underrepresented minority patient populations and 2.) Statement of limited or no institutional funding for attendance. Submissions are due **February 15, 2018**. Interested applicants should apply at: form.jotform.com/72825949854171

The University of Chicago reserves the right to cancel or postpone this conference due to unforeseen circumstances. In the unlikely event this activity must be cancelled or postponed, the registration fee will be refunded; however, The University of Chicago is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.

*Room reservations must be made by **March 20, 2018*** to guarantee the reduced rate. All rates are subject to state and city taxes and must be guaranteed and accompanied by a first night room deposit or guaranteed with a major credit card. Check-in time is 3pm and check-out time is 12 pm. Cancellations must be received 48 hours prior to arrival or 1-night room and tax will be assessed.

CONFERENCE FACULTY

INTERNATIONAL GUEST FACULTY

**Rosalind Eeles, FMedSci,
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FRSC**

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Lawrence S. Bloomberg Faculty of Nursing
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Toronto, Ontario

Rajiv Sarin, MD

Director ACTREC
Tata Memorial Centre
Mumbai, India

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Director of Cancer Survivorship
University of Illinois in Chicago

Marshall Horwitz, MD, PhD

Professor & Associate Dean
University of Washington

Steven Lipkin, MD, PhD, FACMG

Director, Program in Mendelian Genetics
Director, Adult and Cancer Genetics Clinic
Weill Cornell Medicine

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Hal R Varian Collegiate Professor
University of Michigan

Kara Milliron, MS, CGC

Genetic Counselor
Hematology/Oncology
University of Michigan Comprehensive
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Elias Obeid, MD, MPH

Director, Prostate Cancer Risk Assessment
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Assistant Professor
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Yale University

Jodyn Platt, MPH, PhD

Assistant Professor of Learning Health Sciences
University of Michigan

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Director, Genetics and Solid Tumors
Laboratory
University of Washington

Timothy Rebbeck, PhD

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Harvard Chan School & Dana Farber Cancer
Institute

Jorge Reis-Filho, MD, PhD

Chief, Experimental Pathology Service
Member and Attending Pathologist
Memorial Sloan Kettering Cancer Center

Dawn Sinclair Shapiro

Film Director

THE UNIVERSITY OF CHICAGO FACULTY

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Oncology and Radiology
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Section Chief, Colon and Rectal Surgery

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Sciences
City of Hope National Medical Center

CONFERENCE AGENDA — 2018

FRIDAY, APRIL 20, 2018

7:00am **Continental Breakfast and Registration**

8:00 **Welcome** Funmi Olopade, MD, FACP

Session 1: Somatic and Germline Genetics 101

Moderators: Andrea Amico, MD, MA & Caroline Weipert, MS, CGC

8:10 **Tumor/Somatic Genomics—From Liquid Biopsies to Actionable Mutations** Randy Sweis, MD

8:25 **Keynote Address I: Molecular Pathology in Cancer Diagnosis** Jorge Reis-Filho, MD, PhD

8:45 **Germline Genetics/Panel Testing** Kara Milliron, MS, CGC

9:00 **Keynote Address II: What do Mutational Signatures Tell us about Heritable Risk?**

William Foulkes, MBBS, PhD, FRSC

9:20 **Q&A**

9:40 **Break**

Session 2: Prostate Cancer Genomics

Moderators: Elias Obeid, MD, MPH & Sarah Nielsen, MS, CGC

10:10 **Keynote Address III: Germline Mutations in Metastatic Prostate Cancer, Ongoing Studies of Rates of Germline Mutations in Other Prostate CA Cohorts** Colin Pritchard, MD, PhD

10:30 **Targeted Prostate Cancer Screening: Update from the IMPACT Study**

Rosalind Eeles, FMedSci, PhD, FRCP, FRCR

10:50 **Management of Men at High Risk for Prostate Cancer: MRI Screening** Aytekin Oto, MD, MBA

11:00 **Q&A**

11:15 **Break**

11:45 **Case Presentations**

Discussion Leaders: Kathleen Blazer, EdD, MS, LCGC/Kelly Metcalfe, RN, PhD/
Sarah Nielsen, MS, CGC/Laurie M. Connors, DNP, APNG, FNP-BC, AGN-BC

1:00pm **Lunch**

Session 3: Ethical, Legal and Social Issues

Moderators: Allison West, MD & Jody Platt, MPH, PhD

2:00 **Emerging ELSI Issues** Valerie Koch, JD

2:15 **Keynote Address IV: The Complexity of Genetic Susceptibility to Cancer** Stephen Chanock, MD

2:35 **Keynote Address V: Communicating Scientific Facts to the General Public: Relationship between Scientific Community, Policymakers and the Public** Arthur Lupia, PhD

2:55 **Access to Care, Advocacy and Policy Implications of Cancer Genetics** Blaise Polite, MD, MPP

3:10 **Q&A**

3:30 **Case Presentations**

Discussion Leaders: Kathleen Blazer, EdD, MS, LCGC/Kelly Metcalfe, RN, PhD/
Sarah Nielsen, MS, CGC/Laurie M. Connors, DNP, APNG, FNP-BC, AGN-BC

4:45 **Break**

5:15 **Movie Viewing: The State of Eugenics**

6:00 **Q&A with Dawn Sinclair Shapiro (filmmaker) and Patient Advocates**

6:15 **Reception and Poster Session**

CONFERENCE AGENDA — 2018

SATURDAY, APRIL 21, 2018

7:30am **Continental Breakfast and Registration**

8:00 **Announcements** Iris Romero, MD

Session 4: From Genomic Testing to Targeted Therapies

Moderators: Sonia Kupfer, MD & Neil Hyman, MD, FACS

8:05 **Prevalence and Spectrum of Germline Mutations among Patients with Early Onset Colorectal Cancer-Screening beyond Lynch Syndrome** Heather Hampel, MS, LGC

8:25 **Keynote Address VI: Parp Inhibitors and Cancer Immunotherapy Come of Age**
Susan Domchek, MD

8:45 **Emerging Therapies for GI Malignancies Based on Germline Genetics** Michael Hall, MD, MS

9:05 **The Good, The Bad, and The Ugly of Screening and Early Detection of Cancer** Scott Eggener, MD

9:20 **Q&A**

9:30 **Break**

Session 5: Hematologic Malignancies

Moderators: Lucy Godley, MD, PhD & Michael Drazer, MD

10:00 **Keynote Address VII: Myeloid Malignancies** Marshall Horwitz, MD, PhD

10:20 **Mosaicism, Clonal Expansion and Opportunities for Chemoprevention** Jane Churpek, MD

10:35 **Keynote Address VIII: Update on Familial Myeloma and Treatment of MGUS Towards Prevention in High Risk Families** Steven Lipkin, MD, PhD, FACMG

10:55 **Q&A**

11:15 **Case Presentations** Kathleen Blazer, EdD, MS, LCGC/Sarah Nielsen, MS, CGC/Melody Perpich, MS, CGC

12:30pm **Lunch**

Session 6: Genomic Testing in Primary Care

Moderators: Susan Hong, MD & Melody Perpich, MS, CGC

1:30 **Managing the Epidemic of Previvors** Shari Snow, MD

1:45 **Keynote Address IX: BRCA Mutations and Impaired DNA Repair: Link Between Inherited Cancers and Infertility?** Kutluk Oktay, MD, PhD

2:05 **Q&A**

2:25 **Case Presentations** Kathleen Blazer, EdD, MS, LCGC/Caroline Weipert, MS, CGC

3:30 **Break**

Session 7: International Perspective

Moderators: Funmi Olopade, MD, FACP & Jeffrey Weitzel, MD

4:00 **Keynote Address X: Impact of Genetic Testing in Diverse Populations — From West to East**
Kelly Metcalfe, RN, PhD/Rajiv Sarin, MD

4:20 **Keynote Address XI: Developing a Molecular Basis for Precision Prevention and Early Detection**
Timothy Rebbeck, PhD

4:40 **Keynote Address XII: Validating Risk Prediction Models — Does One Size Fit All?**
Montserrat Garcia-Closas, MD, DrPH

5:00 **Q&A**


5:30 **Wrap-up**

REGISTRATION INFORMATION

How To Register

 **ONLINE** <https://cme.uchicago.edu/CancerGenetics18>
(credit card payment only)

To pay by check, you must mail this registration form with payment to:

 **MAIL** The University of Chicago
Center for Continuing Medical Education
c/o Cancer Genetics2018
5841 S. Maryland Ave., MC 2115
Chicago, IL 60637

Payment

	By Mar 16	After Mar 16
Physicians	\$495	\$595
Genetic Counselors	\$300	\$345
Nurse/PA/Allied Health Professionals	\$300	\$345
Residents/Fellows	\$195	\$275

Payment Total: \$

Discounts: CCGCoP members receive a \$ 50.00 per person discount—please enter **CCGC50**

Contact Information

Name _____ Degree _____

Specialty _____

Organization _____

Preferred Mailing Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Email _____

In Case of Emergency _____

 Please indicate any special needs _____

Please indicate any special dietary needs _____

Check enclosed (US funds only), payable to The University of Chicago (TID 36-2177139)

You must check this box if you do not want your mailing address shared with conference participants and/or exhibitors (if applicable).

Do you plan to attend the Friday Welcome Reception? Yes No

Please tell us how you found out about this activity, check all that apply:

Colleague Save the Date Brochure Internet Email

Journal Ad Previous Attendance Other _____

Cancellation Policy

If you cancel your participation in this conference, your registration fee, less a \$100 administrative fee, will be refunded when written notification is received by March 20, 2018. No refunds will be made after March 20, 2018.

Accessibility

The University of Chicago is committed to providing equal access appropriate to need and circumstance and complies fully with the legal requirements of the Americans with Disabilities Act. If you are in need of special accommodation, please contact our office at 773-702-1056 or via email at cme@bsd.uchicago.edu.

For additional information about this activity, please contact the Center for Continuing Medical Education at 773-702-1056.



AT THE FOREFRONT
**UChicago
Medicine**

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“This conference has motivated me to establish a high risk screening clinic and helped me improve my interpretation of mutations in moderate risk genes.”