

BASSER  
CENTER  
FOR BRCA

11<sup>TH</sup> ANNUAL SCIENTIFIC SYMPOSIUM

A CME/CNE – Certified Conference

*BRCA1, BRCA2* and Beyond:  
An Update on Hereditary Cancer

Keynote Speaker and Basser Global Prize Awardee:  
Fergus Couch, PhD

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**MONDAY, MAY 8 – TUESDAY, MAY 9, 2023**

Smilow Center for Translational Research Auditorium/Commons  
(enter through Perelman Center for Advanced Medicine)



Penn Medicine

# Program Overview

This hybrid symposium is designed to educate researchers, scientists, and health care providers in cancer genetics by presenting cutting-edge data from renowned researchers and clinicians. This symposium will provide new information on progress in cancer screening and prevention, as well as ongoing work in targeted therapy for *BRCA1/2* and other mutation carriers through a series of lectures and panel discussions.

## PROGRAM OBJECTIVES

At the completion of this symposium, attendees should be able to:

- **Discuss new research on the genetic epidemiology of *BRCA1/2* and other homologous recombination deficiency (HRD) genes.**
- **Describe current ethical, legal and social issues associated with carrying a *BRCA1/2* mutation.**
- **Review new approaches to screening and prevention of hereditary breast, ovarian, pancreatic and prostate cancer.**
- **Discuss new advances in treatment for mutation carriers of *BRCA1/2* and other known cancer susceptibility genes.**

## WHO SHOULD ATTEND

Healthcare providers including medical oncology, surgical oncology, gynecology oncology, OB-GYN, genetic counselors, primary care physicians, physician assistants and nurses/nurse practitioners who are interested in the genetics of *BRCA1/2* related cancers.



KEYNOTE SPEAKER AND BASSER GLOBAL PRIZE AWARDEE

## Fergus J. Couch, PhD

*Chair, Division of Experimental Pathology and Laboratory Medicine  
Mayo Clinic*

The Basser Center is honored to announce that Fergus Couch, PhD, of the Mayo Clinic is the recipient of the 10th annual Basser Global Prize. Dr. Couch is the Zbigniew and Anna M. Scheller Professor of Medical Research affiliated with the Mayo Clinic Comprehensive Cancer Center, and the Center for Individualized Medicine. He is a principal investigator of the Mayo Clinic Breast Cancer Registry and the Triple Negative Breast Cancer Consortium. Dr. Couch has made numerous practice-changing contributions to our understanding of *BRCA1/2* and was involved in the search for the genes in the 1990s, establishing associations between pathogenic variants in these genes and male breast cancer.

He contributed substantially to understanding the role of *BRCA1/2* in pancreatic cancer by estimating precise risks of pancreatic cancer associated with pathogenic variants in *BRCA1/2* and other genes, and developed the first mouse model of *BRCA2* deficient pancreatic cancer. He was a Cofounder of the Consortium of Investigators of Modifiers of *BRCA1/2* (CIMBA), and leader of the international Evidence-based Network for the Interpretation of Germline Mutant Alleles (ENIGMA) and led the first genome wide association study (GWAS) of *BRCA* mutation carriers and triple negative breast cancer. These ongoing efforts have led to the development of polygenic risk scores (PRS) for personalization of cancer risks. Dr. Couch has published 563 manuscripts in peer reviewed journals and has been continuously funded for the last 18 years through the NIH.



## BRCA IMPACT AWARD RECIPIENT

# Mary B. Daly, MD, PhD

*Professor, Department of Clinical Genetics*

*Fox Chase Cancer Center*

The Basser Center is pleased to announce that Mary Daly, MD, PhD is the inaugural winner of the BRCA Impact Award, created to recognize a national leader in the field of cancer genetics. Dr. Daly is the founder and director of one of the first cancer risk assessment and counseling programs in the country at Fox Chase Cancer Center. The program has contributed to early observations regarding risk perception and risk-reducing behavior among women with a family history of breast and/or ovarian cancer, and has been instrumental in the development of state-of-the-art cancer risk counseling interventions. Dr. Daly's primary areas of research include the epidemiologic and genetic aspects of breast and ovarian cancer, and the translation of this information into effective cancer control approaches. Dr. Daly is the Editor-in-Chief of the PDQ Cancer Genetics Board. She has co-authored over 225 peer-reviewed publications and has served on a number of editorial boards.



## SYMPOSIUM CHAIR

# Susan M. Domchek, MD

*Executive Director, Basser Center for BRCA*

*Director, Mariann and Robert MacDonald Cancer Risk Evaluation Center*

Susan Domchek is the Basser Professor in Oncology at the Perelman School of Medicine of the University of Pennsylvania. She serves as Executive Director of the Basser Center for BRCA at the Abramson Cancer Center and Director of the Mariann and Robert MacDonald Cancer Risk Evaluation Center. Her work focuses on the genetic evaluation and medical management of individuals with inherited risk factors for cancer. Dr. Domchek is particularly interested in developing new cancer therapies, such as PARP inhibitors, for patients with genetic risk factors. An elected member of the National Academy of Medicine, Dr. Domchek is also a significant contributor to the oncology literature. She has authored/co-authored more than 400 articles appearing in scholarly journals including the New England Journal of Medicine, the Journal of the American Medical Association and the Journal of Clinical Oncology, among others.

## SYMPOSIUM CO-ORGANIZERS

### **Ronald Drapkin, MD, PhD**

*Franklin Payne Associate Professor of Pathology in  
Obstetrics & Gynecology*

*Director, Penn Ovarian Cancer Research Center*

*Director of Gynecologic Cancer Research,  
Basser Center for BRCA*

### **Dana Farengo Clark, MS, MS, LCGC**

*Senior Genetic Counselor*

*Mariann & Robert MacDonald Cancer Risk  
Evaluation Center*

*Basser Center for BRCA*

### **Adam Fredo, PA-C**

*Physician Assistant*

*Medical Oncology*

*Penn Medicine*

### **Roger Greenberg, MD, PhD**

*J. Samuel Staub, MD, Professor, Department of  
Cancer Biology*

*Director, Penn Center for Genome Integrity (PCGI)*

*Director of Basic Science, Basser Center for BRCA*

### **Mosetta Harris, CRNP**

*Nurse Practitioner*

*Rena Rowan Breast Center*

*Penn Medicine*

### **Katherine Nathanson, MD**

*Pearl Basser Professor of BRCA-Related Research*

*Deputy Director, Abramson Cancer Center*

*Director of Genetics, Basser Center for BRCA*

## PENN MEDICINE FACULTY

### **George Burslem, PhD**

*Assistant Professor*

*Department of Biochemistry and Biophysics*

### **Arravinth Anantharajah, MS, LCGC**

*Genetic Counselor*

*Mariann & Robert MacDonald Cancer Risk  
Evaluation Center*

*Basser Center for BRCA*

### **Jacqueline Cappadocia, MS, LCGC**

*Genetic Counselor*

*Mariann & Robert MacDonald Cancer Risk  
Evaluation Center*

*Basser Center for BRCA*

### **Bryson Katona, MD, PhD**

*Assistant Professor of Medicine*

*Director, Gastrointestinal Cancer Genetics  
and Gastrointestinal Cancer Risk Evaluation Programs*

### **Timothy Lippert, PhD**

*Postdoctoral Research Fellow*

### **Danielle McKenna, MS, LCGC**

*Genetic Counselor*

*Mariann & Robert MacDonald Cancer Risk  
Evaluation Center*

*Basser Center for BRCA*

### **Fiona Simpkins, MD**

*Professor of Obstetrics and Gynecology*

## GUEST SPEAKERS

### **Alexander Bick, MD, PhD**

*Assistant Professor, Medicine, Division of  
Genetic Medicine  
Vanderbilt University Medical Center*

### **Katherine Chiappinelli, PhD**

*Assistant Professor  
Department of Microbiology, Immunology, and Tropical  
Medicine  
George Washington University*

### **Wendy Chung, MD**

*Medical Director, Columbia Genetic Counseling  
Graduate Program  
Associate Director of Education, Herbert Irving  
Comprehensive Cancer Center  
Chief, Division of Clinical Genetics, Department of  
Pediatrics  
Columbia University*

### **Leif Ellisen, MD, PhD**

*Professor of Medicine  
Program Director, Breast Medical Oncology  
Clinical Director, Breast and Ovarian Cancer Genetics  
Harvard Medical School*

### **Andrew Godwin, PhD**

*Professor and Director of Department of Molecular  
Oncology, Pathology and Laboratory Medicine  
Deputy Director, The University of Kansas Cancer Center  
Director, Biospecimen Repository Care Facility  
University of Kansas*

### **Christopher Lord, DPhil**

*Professor of Cancer Genetics, Head, CRUK Gene  
Function Laboratory  
Deputy Director, The Breast Cancer Now Toby Robins  
Research Centre*

*Deputy Head of the Division of Breast Cancer  
Research  
The Institute of Cancer Research*

### **Bruce Montgomery, MD**

*Clinical Director, Genitourinary  
Professor, Medical Oncology Division  
University of Washington School of Medicine*

### **Shailja Pathania, PhD**

*Associate Professor of Biology - Cancer Biology  
Center for Personalized Cancer Therapy  
University of Massachusetts*

### **Mark Robson, MD**

*Chief, Breast Medicine Service  
Lead, Inherited Breast Cancer Genomics,  
Niehaus Center  
Memorial Sloan Kettering Cancer Center*

### **Sudhir Srivastava, PhD, MPH**

*Chief, Cancer Biomarkers Research Group  
Division of Cancer Prevention  
National Cancer Institute*

### **Clive Svendsen, PhD**

*Professor and Executive Director, Board of Governors  
Regenerative Medicine Institute  
Kerry and Simone Vickar Family Foundation  
Distinguished Chair in Regenerative Medicine  
Cedars-Sinai Medical Center*

### **Paola Vermeer, PhD**

*Associate Scientist  
Cancer Biology and Immunotherapies Group  
Sanford Research*

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# 11<sup>TH</sup> ANNUAL SCIENTIFIC SYMPOSIUM AGENDA

MONDAY, MAY 8, 2023

8:00-8:45am Registration

8:45-9:00am Welcome

## Morning Session

9:00-9:30am Leif Ellisen, MD, PhD

9:30-10:00am Timothy Lippert, PhD

10:00-10:30am Katherine Chiappinelli, PhD

**10:30-11:00am BREAK**

11:00-11:30am Clive Svendsen, PhD

11:30-12:00am Shailja Pathania, PhD

12:00-12:30pm Chris Lord, DPhil

**12:30-1:30pm LUNCH**

## Afternoon Session

1:30-2:00pm Paola Vermeer, PhD

2:00-2:30pm Andrew Godwin, PhD

2:30-3:00pm Fiona Simpkins, MD

**3:00-3:30pm BRCA Impact Award**

Mary Daly, MD, PhD

3:30-4:30pm Poster session (in person only)

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# 11<sup>TH</sup> ANNUAL SCIENTIFIC SYMPOSIUM AGENDA

TUESDAY, MAY 9, 2023

8:00-8:45am Registration

8:45-9:00am Welcome

## **Morning Session**

9:00-9:30am Wendy Chung, MD

9:30-10:00am Alexander Bick, MD, PhD

10:00-10:30am Mark Robson, MD

10:30-11:00am Bruce Montgomery, MD

**11:00-11:30am BREAK**

11:30-12:00am Sudhir Srivastava, PhD, MPH

12:00-12:30am Danielle McKenna, MS, LCGC

12:30am-1:00pm Bryson Katona, MD, PhD

**1:00-2:00pm LUNCH**



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# 11<sup>TH</sup> ANNUAL SCIENTIFIC SYMPOSIUM AGENDA

TUESDAY, MAY 9, 2023

## Afternoon Session

2:00-3:15pm

**Global Prize Presentation and Keynote**

Fergus Couch, PhD

3:15-4:30pm

**Case Panel moderated by Susan Domchek, MD with:**

Avi Anantharajah, MS, LCGC; Jackie Cappadocia, MS, LCGC  
and Mark Robson, MD

5:00-6:15pm

**Breakthroughs & Discoveries Panel with:** Susan Domchek, MD;  
Fergus Couch, PhD; Kim Reiss Binder MD; Bryson Katona, MD, PhD

This lay session is open to the public, and in person only

# Registration Information

**REGISTER ONLINE**

This conference is **FREE** but we strongly recommend registration. Registration is required for continuing education credits.

## ACCREDITATION AND DESIGNATION OF CREDIT

In support of improving patient care, Penn Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the health care team.

**NURSE/NURSE PRACTITIONERS** The program will award 11.5 NCPD hours.

**PHYSICIANS** Penn Medicine designates this live activity for a maximum of 11.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**PHYSICIAN ASSISTANTS** AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credits™* from organizations accredited by ACCME or a recognized state medical society. PAs may receive a maximum of 11.5 Category 1 credits for completing this activity.

**GENETIC COUNSELORS** 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.

## CANCELLATION POLICY

The University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In the event of cancellation or postponement, the University will not be responsible for related costs or expenses to participants, including cancellation fees assessed by hotels, airlines, or travel agencies.

## SERVICES FOR THE DISABLED

If special arrangements are required for an individual with a disability to attend this meeting, please contact [basserinfo@pennmedicine.upenn.edu](mailto:basserinfo@pennmedicine.upenn.edu) by April 28, 2023.

## SPECIAL REQUESTS

If special requests for food or other logistics are required, contact [basserinfo@pennmedicine.upenn.edu](mailto:basserinfo@pennmedicine.upenn.edu) by April 28, 2023.

## NONDISCRIMINATION STATEMENT

The University of Pennsylvania values diversity and seeks talented students, faculty and staff from diverse backgrounds. The University of Pennsylvania does not discriminate on the basis of race, sex, sexual orientation, gender identity, religion, color, national or ethnic origin, age, disability, or status as a Vietnam Era Veteran or disabled veteran in the administration of educational policies, programs or activities; admissions policies; scholarship and loan awards; athletic, or other University administered programs or employment. Questions or complaints regarding this policy should be directed to: Executive Director, Office of Affirmative Action and Equal Opportunity Programs, 3600 Chestnut Street, Sansom Place East, Suite 228, Philadelphia, PA 19104-6106 or 215.898.6993 (Voice) or 215.898.7803 (TDD).

# Visiting Information

## PENN MEDICINE CAMPUS MAP



### HOTEL

A block of rooms has been reserved at the **Sheraton Philadelphia University City Hotel** at a special group rate of \$199 per night.

Rooms must be reserved by April 10, 2023 to take advantage of the group rate.

[RESERVE YOUR ROOM](#)

## COVID GUIDELINES

Penn Medicine's COVID guidelines for visitors to campus can be found [here](#).

## PARKING

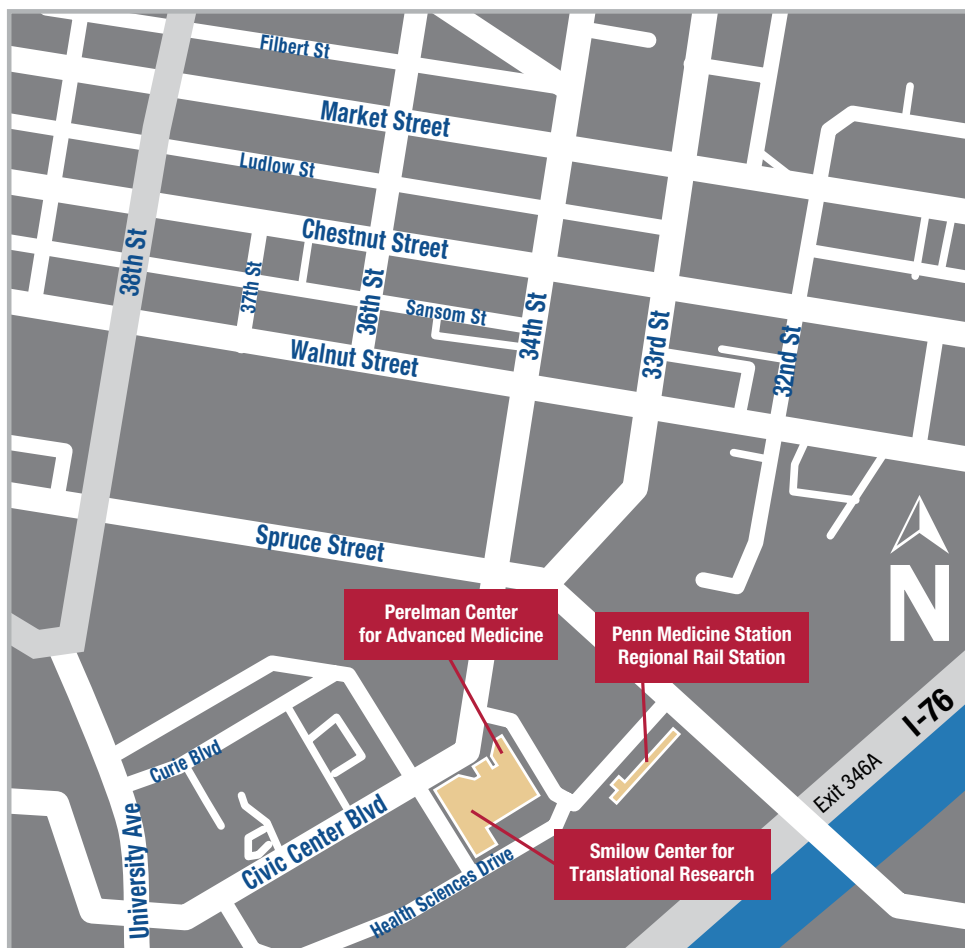
Parking will not be available on the medical campus, but public self-pay parking lots available in the University City vicinity can be found at:

- **Drexel University Parking Lot – 34th and Market Streets**
- **University of Pennsylvania Parking Lot – 34th and Chestnut Streets**
- **University of Pennsylvania Parking Lot - 38th and Walnut Streets**


For more information, visit <http://cms.business-services.upenn.edu/parking/>

## PUBLIC TRANSPORTATION

The SEPTA Penn Medicine Station (formerly University City Station) is within walking distance of the medical campus. For more information, visit [www.septa.org](http://www.septa.org).



The Basser Center for BRCA is the first comprehensive center for the research, treatment and prevention of BRCA-related cancers. Devoted to advancing care for people affected by BRCA mutations, the Basser Center's unique model provides funding for collaborative research, education and outreach programs around the world.



WE TAKE CANCER PERSONALLY.

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