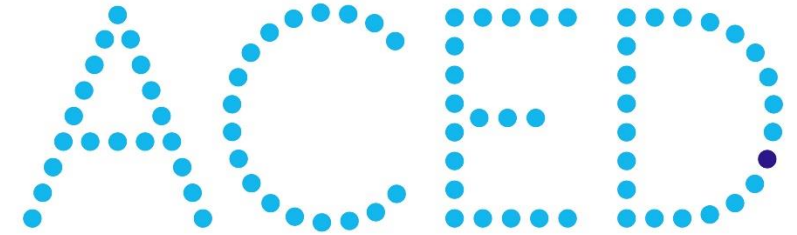


# WELCOME PACKET

Navigating ACED at OHSU



INTERNATIONAL ALLIANCE FOR  
CANCER EARLY DETECTION



CANCER  
RESEARCH  
UK



CANARY CENTER  
AT STANFORD



UNIVERSITY OF  
CAMBRIDGE



KNIGHT  
CANCER  
*Institute*



MANCHESTER  
1824

The University of Manchester

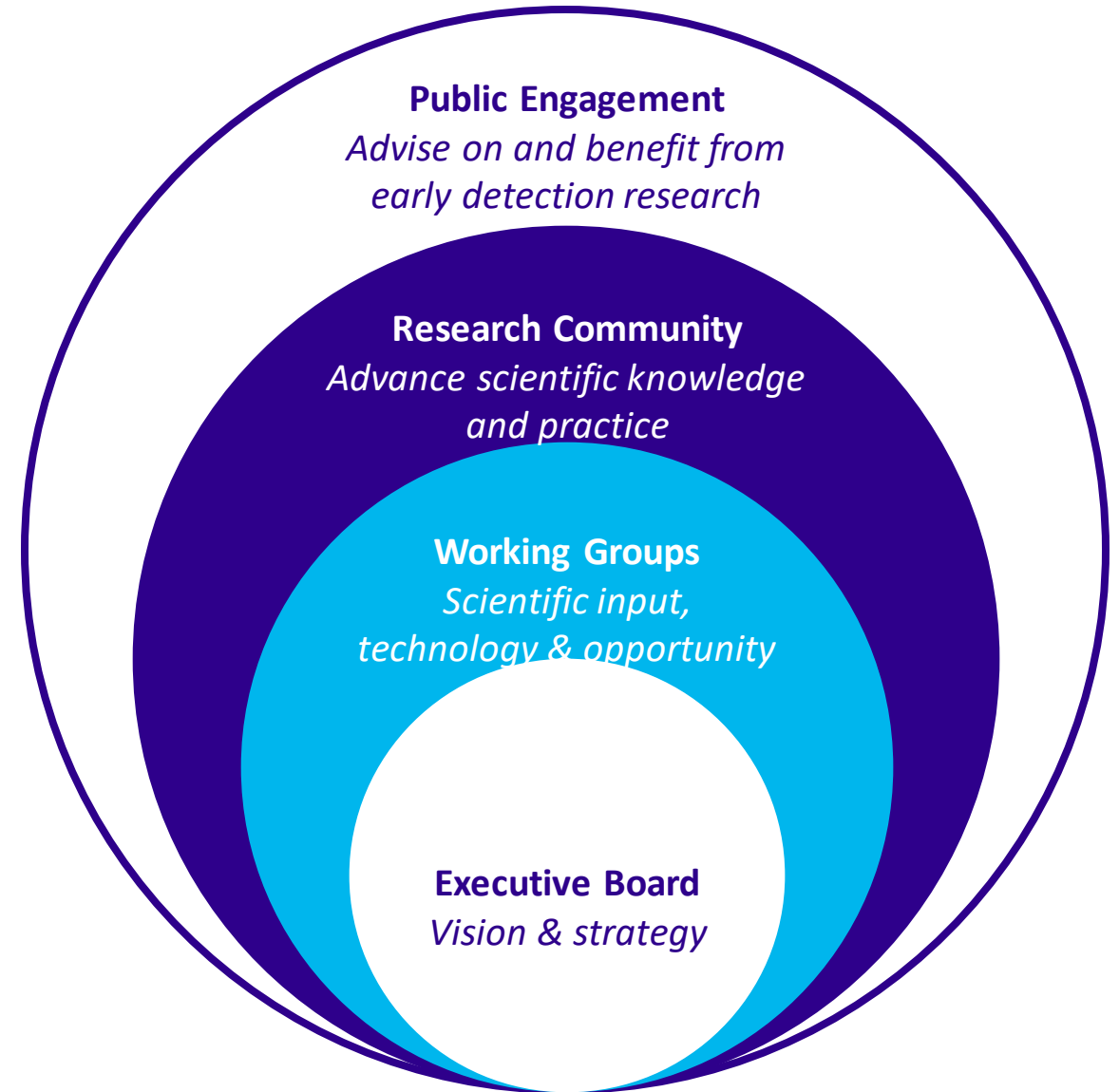
# WHAT IS ACED?

- International Alliance for Cancer Early Detection
- An alliance between academic research centers and CRUK, united to accelerate cancer early detection and deliver better patient outcomes



# WHAT DOES ACED DO?

- Fund collaborative, multi-disciplinary early detection research;
- Invest in the next generation of early detection researchers through career development and training;
- Build community engagement with patients and public interest;
- Cultivate fruitful partnerships with corporate and industry alliances.



# HOW TO GET INVOLVED: ACED Online Community

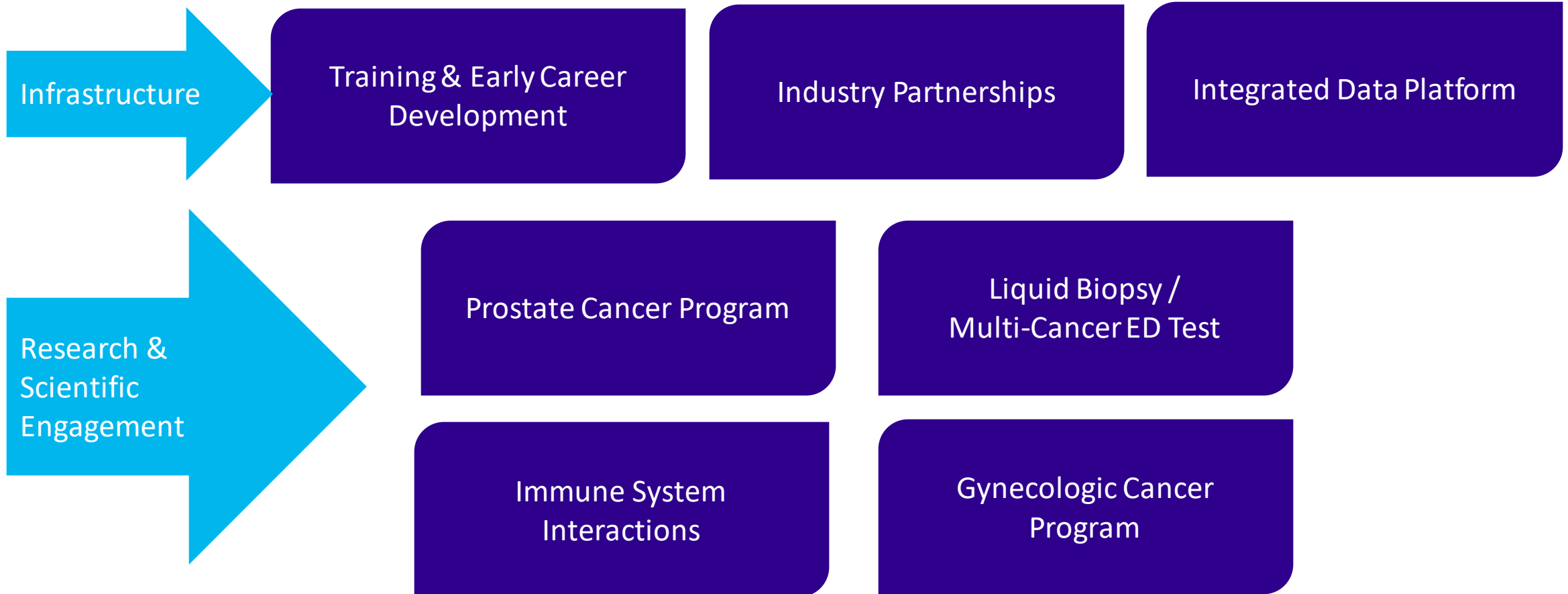
Sign up for access to the ACED Online Community:  
[CLICK HERE TO JOIN](#)

- Read the monthly newsletter
- Review the ACED research portfolio and funded awards
- Get to know other ACED researchers and find collaborators
- Engage with Working Groups
- Learn – sign up for seminars, workshops, and events

The screenshot shows the ACED Online Community website. At the top left is the ACED logo and the text 'ACED Community # Private group'. A navigation menu on the left includes 'Home', 'ACED Members', 'Teams', 'Register here', 'Recycle bin', and 'Edit'. The main content area features the ACED logo and a mission statement: 'We have a bold ambition to accelerate and revolutionise research in the early detection of cancer by harnessing some of the best science across the UK and US.' Below this is a paragraph describing the alliance as a partnership between Cancer Research UK, the Canary Centre at Stanford University, the University of Cambridge, the Knight Cancer Institute at OHSU, University College London, and the University of Manchester. A call to action states: 'This site is a one-stop shop of information and opportunities for involvement with ACED, as well as a space to connect with ACED researchers. Complete your profile here and start connecting!' A button reads 'New to this site? Get started here!'. Below the main text is a grid of ten blue buttons with white text and icons: 'ACED Members (Searchable list of ACED researcher profiles)', 'ACED Strategy and Scientific Remit (Strategic pillars and scope of the Alliance)', 'Alliance Funding Opportunities (Funding opportunities and application guidance)', 'Alliance Partners & Governance (View our Alliance Executive Board)', 'ACED Working Groups (View the research themes)', 'Research funded by ACED (Find out what's been funded by ACED)', 'ACED Marketplace (Browse job and studentship opportunities)', 'Alliance Events & Resources Library (Check out past events and resources)', 'Microsoft Teams (Join the conversation with fellow ACED researchers)', and 'Notify ACED of Research Outputs'. On the right side, there is an 'ACED Events' section with a '+ Add event' button and three event cards: 'Early Detection of Cancer Conference: A Virtual Experience (Wed, 6 Oct, All day)', 'Masterclass: early detection of cancer by the immune system (Thu, 21 Oct, 16:00)', and 'ACED Immunology Innovation Workshop (Mon, 13 Dec, 16:00)'. Below the events is a 'Twitter Updates' section showing a tweet from UCL (@ucl) about a competition. The UCL logo is visible in the bottom right corner of the screenshot.

# HOW TO GET INVOLVED: Working Groups

Help guide the future of ACED by volunteering for a Working Group.



# HOW TO GET INVOLVED: Share & Learn

Share your expertise with other ACED Researchers.

Workshops

Seminars

Master  
Classes

Conferences

Inaugural class – Fall 2021

Ph.D.  
Training  
Grant

Participate in ACED learning events.

This training grant provides a unique experience in cancer early detection. The program combines classroom curriculum, mentorship, training and research collaboration to develop future early detection researchers.

# HOW TO GET INVOLVED: Initiate Research Projects

Unlock and leverage the power of collaboration by developing multi-center, transdisciplinary research plans.



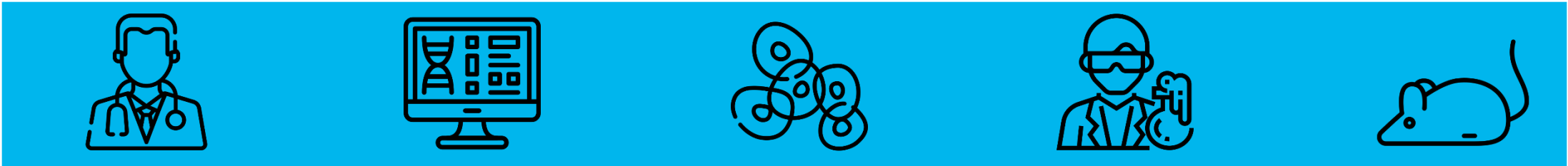
- Learn a new skill or share expertise to seed future collaborations – ***Skills Exchange Travel Awards***
- Form new collaborations across diverse early detection research priorities – ***Pilot Awards***
- Develop, larger-scale programmatic research, innovation or transformational efforts – ***Project Awards***

***Note: applicants must be pre-approved ACED members.***

# BECOME AN ACED MEMBER

## OHSU Knight Cancer Institute – ACED Membership Pathways

1. Applied for and received research funding – as a project lead or original team member – from CEDAR; or
2. Submit a letter of request with a list of selected publications, abstracts, presentations, or posters on elements of the applicant’s portfolio that align with the scientific remit of ACED.



Range of acceptable work includes (but is not limited to):

- Biological research underpinning biomarker discovery and validation;
- Human-based early detection discovery research;
- Risk stratification identify and exploit high-risk groups, or for development of novel detection technologies;
- Data and computation-driven approaches to early detection;
- Development & utilization of preclinical early detection model systems;
- Early detection technology development – exploratory and translational research;
- Translational & clinical early detection research.



# ACED MEMBER CENTERS



## CANARY CENTER AT STANFORD

[Learn more about the Canary Center at Stanford](#)

## The Canary Center at Stanford for Cancer Early Detection

Center Director: Professor Utkan Demirci

The Canary Center is a world-class research facility dedicated to cancer early detection programs, with a mission to discover and develop diagnostic and imaging systems for the detection and prognosis of cancers during their early, curable stages. The Canary Center brings to the Alliance state-of-the-art facilities and collaborative research programs in molecular imaging, proteomics, chemistry, cell and molecular biology, and bioinformatics. Working closely with the Stanford Cancer Institute, the Canary Center also brings deep experience in translating early detection research into clinical trials to translate new discoveries into new treatments as rapidly as possible.



[Learn more about the Early Detection Program at the University of Cambridge](#)

## University of Cambridge

Center Director: Professor Rebecca Fitzgerald

Cambridge is a world-leading center working to develop and deliver effective early cancer diagnostics and treatments. The center is built upon a unique infrastructure that enables first-in-human clinical trials for early cancer detection and combines basic, translational and clinical scientists.

Building on this foundation, Cambridge will design, develop and deliver ACED Clinic Cambridge to drive early-phase clinical trials of new diagnostic technologies. Cambridge offers invaluable early detection capabilities, including the ability to accelerate testing, develop new training programs and act as a catalyst in the creation of new treatments, technologies and tools.

# ACED MEMBER CENTERS, continued



[Learn more about the Knight Cancer Institute at OHSU](#)

## The Knight Cancer Institute at OHSU

Center Director: Professor Sadik Esener

The Knight Cancer Institute's Cancer Early Detection Advanced Research (CEDAR) center is based at Oregon Health & Science University (OHSU). Its mission is to detect and stop lethal cancers at the earliest possible stage. The center works to successfully integrate a biological understanding of early diseases with novel technologies that will detect them. The pillars of CEDAR's approach include population health and accrual of longitudinal cohorts for risk stratification; liquid biopsy using multi-omic approaches and associated technology development for minimally invasive screening and diagnosis; early biological research to interrogate the basic biology involved in the transition from pre-malignant to lethal malignancies; precise therapeutic interventions to prevent the development of lethal disease; and early detection economics and business models examining the advantages of cancer early detection.



## University College London

Center Director: Professor Mark Emberton

University College London (UCL) brings specialized early detection imaging know-how together with extensive patient access, multidisciplinary expertise and translational research – with the aim of speeding discovery into new treatments and technologies. Earlier detection and diagnosis is a priority area for UCL's cross-disciplinary Cancer Domain, which links more than 500 academics and clinician researchers to improve early cancer diagnosis and outcomes. Multidisciplinary and collaborative, UCL works within networks of expertise that include globally recognized research institutions and brings to the Alliance access to an associated patient referral population of six million people.

# ACED MEMBER CENTERS, continued



The University of Manchester

[Learn more about the Early Detection Program at the University of Manchester](#)

## University of Manchester

Center Director: Professor Robert Bristow

The Manchester/MCRC Early Recognition of Cancer and Decision Options (MERCADO) program at the University of Manchester combines early detection resources and expertise. MERCADO's vision is to be a world-leader in precision cancer research and to drive early cancer detection strategies.

MERCADO acts a research hub that will help to drive the translation of research into practical applications in the clinic. It brings together expertise in lung, breast and gynecologic cancers, as well as access to a population of more than four million people. This unique population and data resource delivers insight on the impact – and potential risks – of early detection. Ultimately, MERCADO will help researchers to shift the balance from late-stage diagnosis to earlier detection and improved cancer survival.



[Learn more about Cancer Research UK](#)

## Cancer Research UK

CRUK funds a broad portfolio of investigator-led research, from individual projects and fellowships to large-scale team science program, multidisciplinary collaborations and international consortia. But grant funding is only the beginning of the support offered to the community.

CRUK makes long-term investments in state-of-the-art facilities and resources to provide an outstanding research environment. The organization facilitates networking and collaboration at numerous events, from the flagship international conferences to exclusive community meetings. Additionally, CRUK partners with industry, charities, not-for-profits and government agencies in the UK and around the world to deliver research.

# IMPORTANT CONTACTS

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# ACED MEMBERS AT OHSU

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Andrew Adey
Andrew Ashford
Anupriya Agarwal
Aysegul Ors
Beverly Emerson
Bree Mitchell
Brett Sheppard
Brian Druker
Bruce Branchaud

Carlos Origel Marmolejo
Carolyn Ibsen*
Charles Lopez
Charles Springer
Christopher Corless
Chris Slatore
Cigdem Ak
Corey Dambacher
Dan Marks
Danielle Konetski
Elie Traer
Elizabeth Berry
Ellen Langer
Emek Demir*

Emine (Sila) Ozdemir
Erik Mittra
Eugene Tu
Evan Lind
Fehmi Civitci
Gordon Mills
Hisham Mohammed
Jackie Shannon^
James Korkola
Jane Lange
Jared Fischer^
Jeanne Link
Jeff Tyner
Jessica Minnier

Jodi Lapidus
Joe Gray
John Muschler
Julia Maxson
Jungsun Kim
Kemal Caglar Gogebakan
Kemal Sonmez
Kenneth Krohn
Kerri Winters
Kim-Hien Dao
Koei Chin
Kyle Ellrott
Laura Heiser^
Lisa Coussens

# ACED MEMBERS AT OHSU, continued

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Mark Deffebach
Mark Flory^
Mark Garzotto
Melissa Wong^
Michael Brasino
Michelle Gomes
Mithila Handu
Ozgun Babur
Parul Katoch
Pepper Schedin^
Phil Raess

Rajan Kulkarni*^
Randall Armstrong
Rebecca Silbermann
Reid Thompson
Ricardo Carloni
Rosalie Sears
Ryan Kopp*^
Ryan Mulqueen
Sadik Esener
Samuel Tassi Yunga
Sancy Leachman
Scott Naugler
Sebnem (Ece) Eksi^

Shelley Barton
Sonali Jindal
Stuart Ibsen
Sud Anand
Summer Gibbs
Tanja Pejovic
Ted Braun
Terry Morgan
Theresa Lusardi
Thuy Ngo
Ting Zheng
Tom Beer
Uma Borate
Xiaolin Nan

Yahong (Lydia) Wen
Young Hwan Chang
Yu-Jui (Roger) Chiu
Zahi Mitri
Zhenzhen Zhang

\* Member of an ACED Working Group  
^ ACED award recipient

