

Welcome!

Before we begin...

**Today's session will
be recorded**

**Please add your name
and health system in
the chat**





Genomic Tumor Board ECHO

Session 0: Orientation

Tuesday, December 12th, 2023

4:30-5:30 PM EST

Today's Agenda

- 1 Welcome & Housekeeping**
5 minutes
- 2 ECHO Subject Matter Expert (SME) & Hub Team Introductions**
5 minutes
- 3 ECHO Participant Introductions**
10 minutes
- 4 Introduction to the ECHO Model**
10 minutes
- 5 The Jackson Lab Maine Cancer Genomics Initiative**
10 minutes
- 6 Introduction to a Case Presentation**
15 minutes
- 7 iECHO FAQ**
3 minutes
- 8 Q&A & Wrap up**
2 minutes

ECHO Disclosures



Each ECHO session will be recorded and will be posted to a publicly-facing website (password protected).



You will be muted with your video turned off when you join the call. Use the buttons in the *black* menu bar to unmute your line and to turn on your video. **If you do not wish to have your image recorded, please turn OFF the video option.**



Today's materials will be made available on the [ACS ECHO website](#).



Please type your full name, the full name of your organization, and e-mail in the chat box.



This ECHO session takes place on the Zoom platform. To review Zoom's privacy policy, please visit zoom.us/privacy.



Remember: Do NOT share any personal health information (PHI) about any patient. This includes but not limited to patient name, date of birth, address, occupation, name of friends/family, and any other identifiable features (including scars, tattoos, hair/eye color).



Need assistance with Zoom? Please directly chat Allison Rosen or Beth Graham for assistance.

Learning Objectives

1

Participants will become familiar with ECHO Subject Matter Experts and HUB Team

2

Participants will network and make introductions to create a learning community

3

Participants will gain knowledge on Project ECHO model

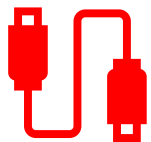
4

Participants will review a sample Case presentation

5

Participants will have the opportunity to ask questions about iECHO

Housekeeping Items:



Show up

Arrive on time, prepared, **camera on** and please unplug from distractions



Respect other ideas, experiences and opinions



Step Up / Step Back

Check your own engagement level



Use the technology

Mute, unmute, camera on, chat, annotate and answer polls



Roll with the IT punches

Enjoy watching us model live IT troubleshooting



Try on new ideas

Give yourself permission to take risks with participating



Have fun!

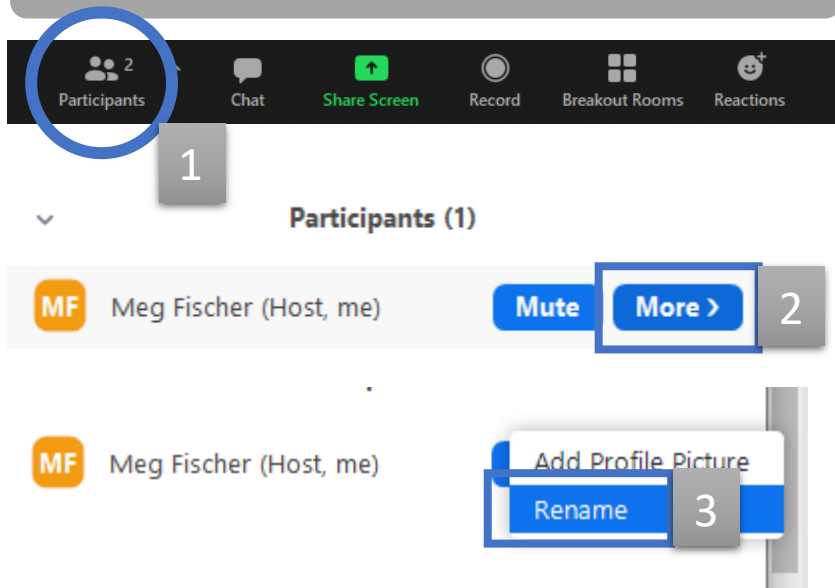
Zoom Essentials for Training

Please Rename Yourself

- First, Last Name, Organization

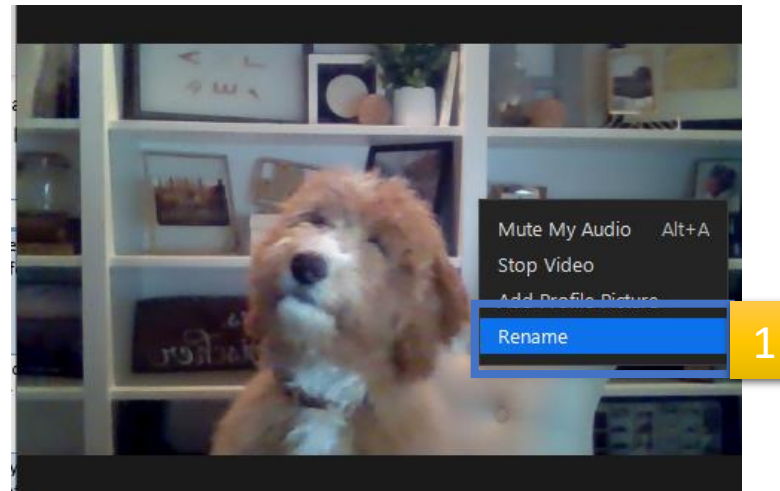


Option 1



Option 2

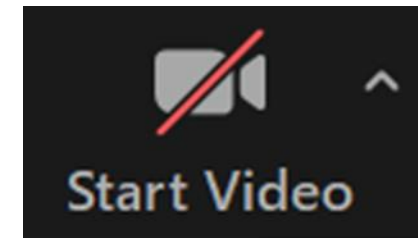
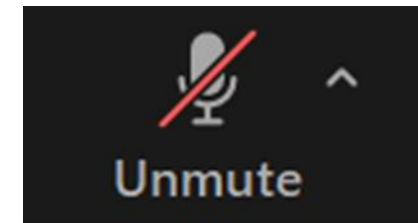
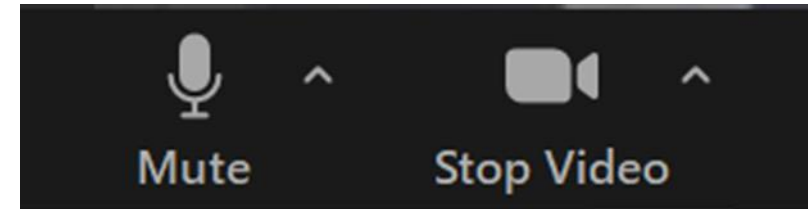
Right-click on your video tile



Zoom Essentials for Training

How to Access Your Camera & Microphone

- If you move your mouse around on your screen you should see two options appear **in the bottom left corner: Mute and Video**
- By clicking on the **microphone, you can mute and unmute your audio**
- By clicking on **start video or stop video you can turn your camera on and off**





Session 0: Introductions

Allison Rosen

*Director, Project ECHO
American Cancer Society*

Introductions: **The American Cancer Society ECHO Hub Team**



Allison Rosen, MS
Director, Project ECHO
American Cancer Society



Amy Deavitt
Associate Director, Cancer Center Partnerships
American Cancer Society



Kerri Medeiros, MPA
Senior Director, Cancer Center Partnerships
American Cancer Society



Beth Graham, MPH, CHES
Program Manager, Project ECHO
American Cancer Society



Jennifer McBride, PHD
Senior Data and Evaluation Manager
American Cancer Society

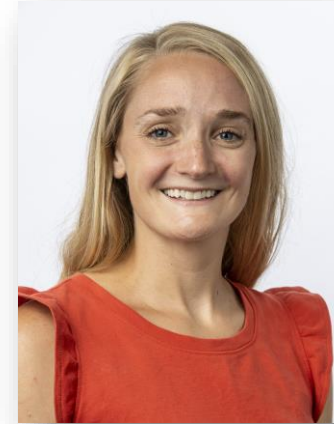


Letitia Thompson, MPA
Vice President, Professional Collaborations
American Cancer Society

Introductions: **The Jackson Laboratory Hub Team**



Jens Rueter, MD
Chief Medical Officer
Medical Director, MCGI
The Jackson Laboratory



Leah Graham, PhD
Associate Director, MCGI
The Jackson Laboratory



Kate Reed MPH, ScM, CGC
Director, Precision Oncology Education
The Jackson Laboratory



Susan Halverson, BA
Genomic Tumor Board Coordinator, MCGI
The Jackson Laboratory



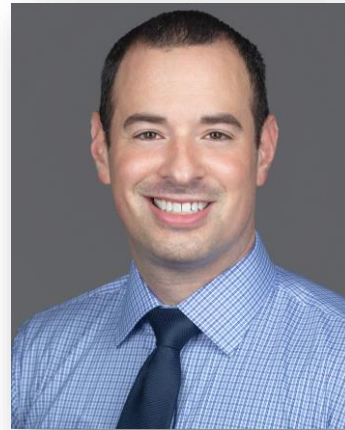
Lindsey Kelley, MPH, CGC
Genomic Navigator, MCGI
The Jackson Laboratory

Introductions: **HUB Advisors/ Subject Matter Experts**



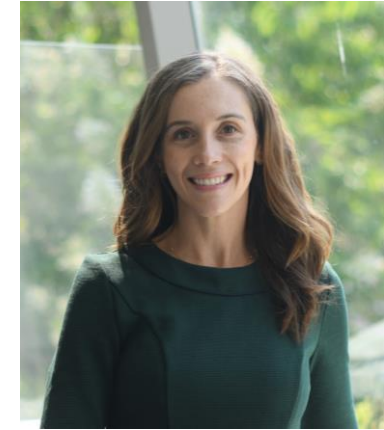
Christine Walko Pharm.D.

Senior Member in the Department of Pathology Center
Program Leader for Precision Medicine
Attending on the Precision Medicine Clinical Service
Moffit Cancer Center



Todd Knepper, Pharm.D.

Assoc. Member in the Department of Pathology Center
Moffit Cancer Center



Kara K. Landry, MD

Medical Oncologist
Co-Director Cancer Genetics and Prevention Program
University of Vermont Medical Center

Welcome to our Participant Learning Sites

Dartmouth
Cancer Center

SolutionHealth
Southern New
Hampshire
Medical Center

SouthWestern
Vermont
Medical Center

St. Joseph
Hospital

VA Medical Center,
White River Junction
VT

University of
Vermont
Medical Center

SolutionHealth
Elliot
Hospital/Solinsky
Cancer Center

Northwestern
Vermont
Medical Center

Rutland
Regional
Medical
Center/Foley
Cancer Center

Wentworth
Douglas
Hospital

Catholic Medical
Center



Participation Poll



Have you ever participated in a genomic tumor board?



Session 0: Introduction to the ECHO Model

Letitia Thompson, MPA

Vice President, Professional Collaboration
American Cancer Society

What is ECHO?

Project ECHO (**E**xtension for **C**ommunity **H**ealthcare **O**utcomes) is a lifelong learning and guided practice model that revolutionizes medical education and exponentially increases workforce capacity to provide best-practice specialty care and reduce health disparities.

Founded in 2003 by Dr. Sanjeev Arora at the **University of New Mexico**, Project ECHO uses the ECHO model to address the needs of the most vulnerable populations by equipping communities with the right knowledge, at the right place, at the right time



About Project ECHO

- **Moving Knowledge, Not People**
- Empowering people to make a difference in their communities with the **right knowledge**, at the **right place**, at the **right time**
- Builds **communities of practice** through **virtual mentoring & learning**
- **One-to-many** intervention proven effective to reduce disparities, strengthen health systems, & drive collaborative solutions for local priorities
- **Effective/Efficient** vehicle for dissemination of evidence-based strategies to improve cancer outcomes
- Participants attend **virtual case-based sessions** with subject-matter experts
- The participants and subject-matter experts all learn from each other: Knowledge is generated, refined and tested by local experience. This **"all teach, all learn"** method **democratizes expertise** and makes it relevant to local cultural contexts.

*The ECHO "sweet spot" is to target **complex issues** in areas that **lack the capacity** and/or **training** to **provide guided practice** and **ongoing mentoring***



ECHO is all teach, all learn



Interactive



Co-management
of cases



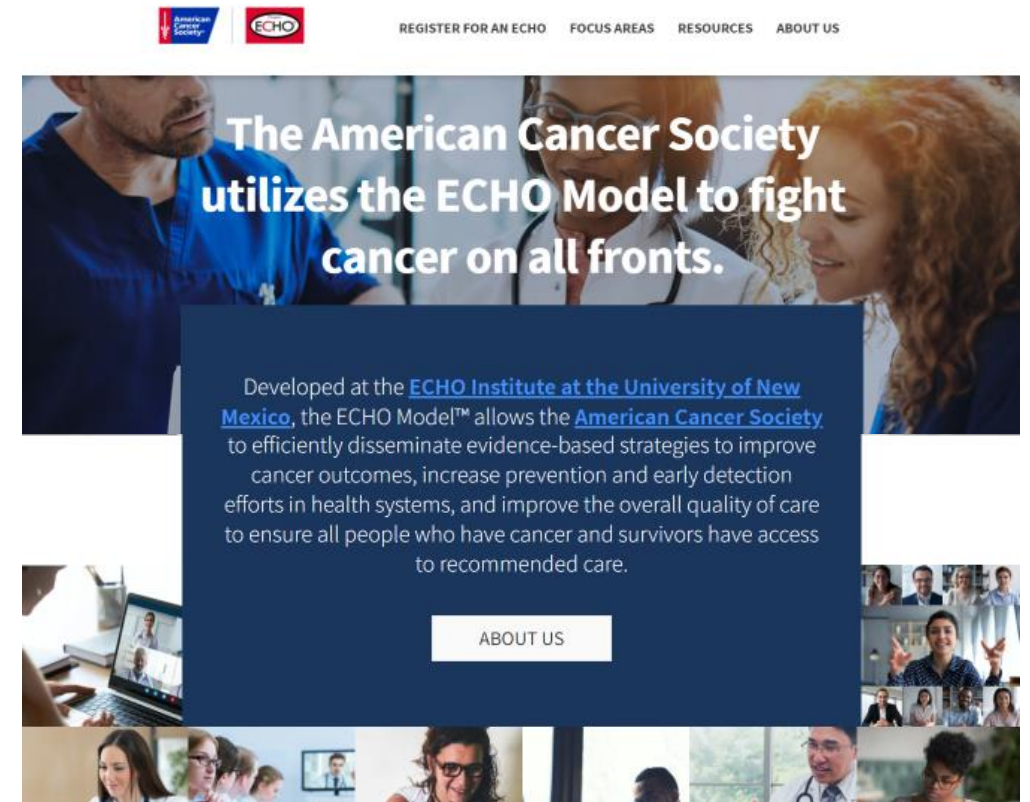
Peer-to-peer
learning



Collaborative
problem solving

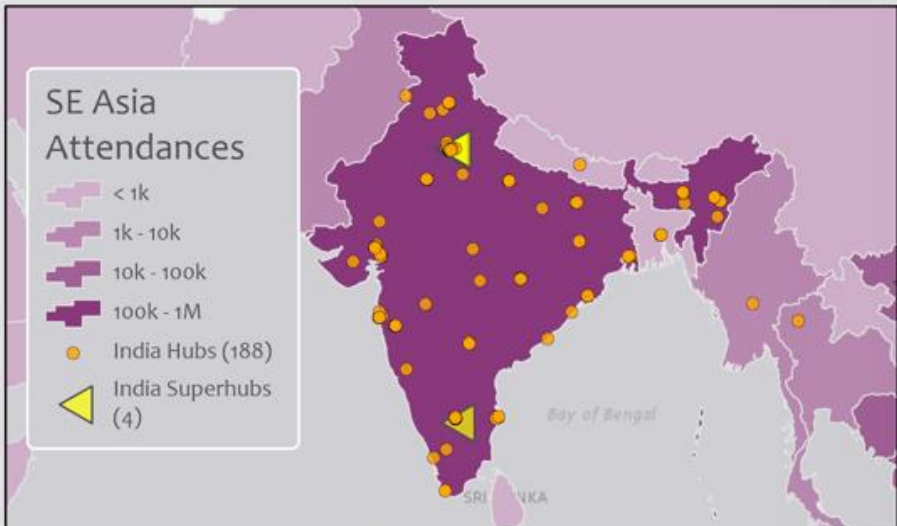
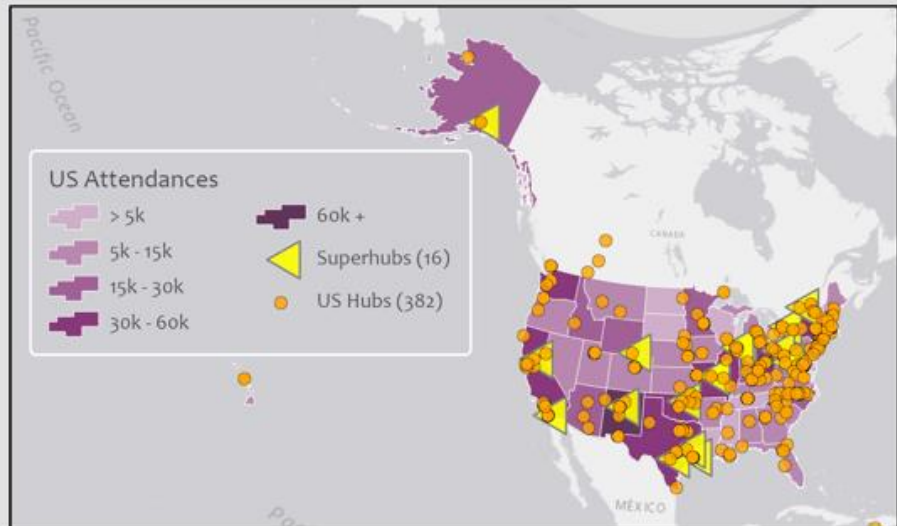
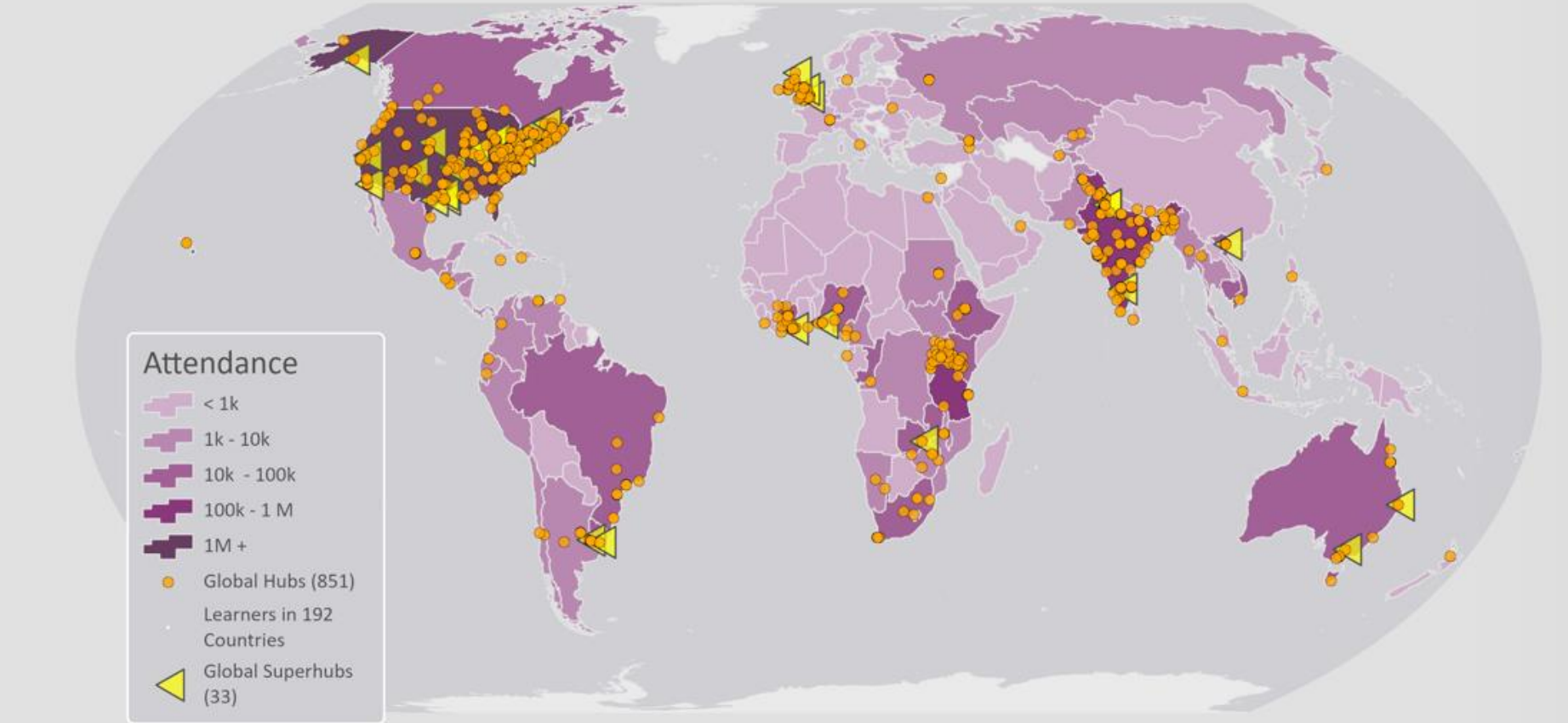
American Cancer Society Project ECHO

- **Hub:** June 2017
- **45+ Series**
- **Foci:** Examples: Lung Cancer Patient Support and Biomarker Testing, Colorectal Cancer Health Equity, Hospital System and Capacity Building, Reducing Disparities in Cancer Care, Increasing HPV Vaccination Rates, LGBTQ+ and Cancer Care
 - Special programs for COVID-19 and Cancer Care Teams / Cancer Caregivers
- **Areas served:** US, East Africa – *programming in English and Spanish*
- <https://echo.cancer.org/>



The screenshot shows the homepage of the American Cancer Society Project ECHO website. At the top, there are logos for the American Cancer Society and ECHO, along with navigation links: REGISTER FOR AN ECHO, FOCUS AREAS, RESOURCES, and ABOUT US. The main header features a large image of healthcare professionals and a patient, with the text: "The American Cancer Society utilizes the ECHO Model to fight cancer on all fronts." Below this, a dark blue box contains the following text: "Developed at the [ECHO Institute at the University of New Mexico](#), the ECHO Model™ allows the [American Cancer Society](#) to efficiently disseminate evidence-based strategies to improve cancer outcomes, increase prevention and early detection efforts in health systems, and improve the overall quality of care to ensure all people who have cancer and survivors have access to recommended care." At the bottom of this box is a white button labeled "ABOUT US". The background of the page is a collage of various healthcare-related images, including a doctor, a patient, and a group of people in a meeting.

Global Hubs & Superhubs





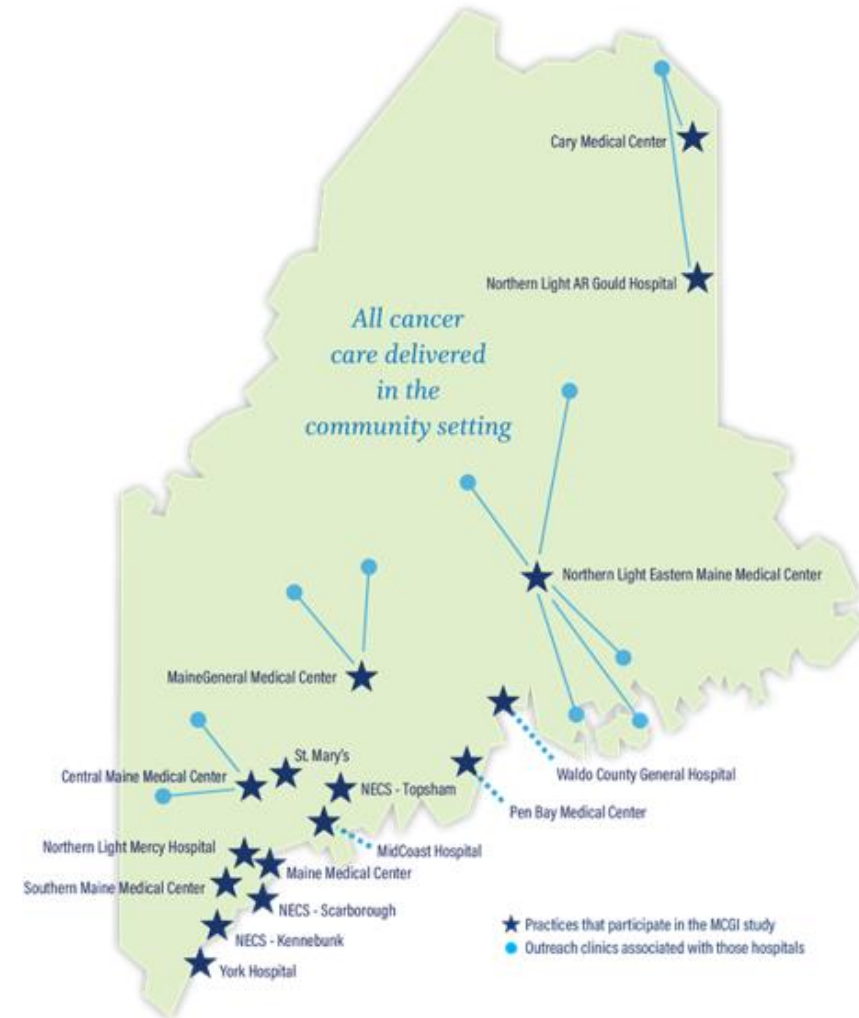
Session 0: The Jackson Laboratory Maine Cancer Genomic Initiative

Jens Rueter, MD

*Chief Medical Officer
Medical Director, MCGI
The Jackson Laboratory*

The Jackson Laboratory (JAX): Maine Cancer Genomics Initiative

- The Maine Cancer Genomics Initiative (MCGI) was developed by The Jackson Laboratory to help with Maine's rural cancer care to implement precision medicine.
- Its primary goal is to reduce disparities in access to advanced technologies for cancer care and precision oncology.
- Since its establishment, MCGI has provided Genomic Tumor Board discussions for approximately **900 Maine cancer patients** with genomic tumor test results, **worked with every oncology practice in Maine**, and brought new precision oncology clinical trials to the state.





BENEFITS TO JOINING THE GENOMIC TUMOR BOARD ECHO

PARTICIPANTS WILL GAIN KNOWLEDGE AND CONFIDENCE

- Access to specialty consultation from national experts in the field with extensive experience using clinical genomic tumor testing results to guide patient treatment

ECHO SERIES WILL FOSTER COLLABORATION

- Create a supportive knowledge network of community oncology providers, specialists, and multidisciplinary oncology teams
- Professional interaction with colleagues with similar interests

PROVIDE VALUABLE LONG-TERM INSIGHTS

- Improve quality of care for the New England population with a goal of reducing disparities and improving equity
- Evaluate and apply learned lessons to improve the model that will enable successful replication

What to Expect: The Anatomy of a genomic tumor board ECHO

- **Welcome, Announcements & introductions** (5 minutes)
- **Didactic Lecture/Presentation** (10 minutes)
 - Didactic Q/A
- **Case Presentation(s)** (5-7 minutes)
 - Case Presentation (Local Physician)
 - Recommendations (SME)
 - Case specific Q/A
- **Closing remarks, Wrap-Up & Post-Session Survey Poll** (5 min)

What is a Case Presentation?

Case presentations are **vital** to each ECHO session.

We are asking YOU to submit patient cases for discussion!

The case presentation is based on real-life patient cases where genomic profiling was ordered on a solid tumor. Cases can be submitted with a specific question about a genomic profile in mind, a test report that has interesting results, therapy decisions can be made based on the genomic profile, the case fits the theme of the didactic session, etc.

Subject matter experts (SMES) and participant learners will offer their guidance. This section of each ECHO session serves as an interactive learning feedback look for all attendees.

Expectations of Participant Sites

- Build a small multidisciplinary ECHO team from their system/center
 - Multidisciplinary team may include; medical oncologist, pathologists, surgeons, genetic counselors, pharmacists, radiologists, basic scientists, medical students, residents, nurses, navigators, clinical trial and genomic testing experts
- Have at least **one** team member to join 10 monthly (one-hour) ECHO sessions from January - November 2024
- Deliver (as a team) at least one case presentation over the course of the ECHO Series
- Complete the post-session poll questions
- Complete the surveys/assessments (pre, post, and six-month follow-up)



Session 0: Case Presentation

Susan Halverson

*Genomic Tumor Board Coordinator, MCGI
The Jackson Laboratory*

Draft Content

*NOTE: Session order is subject to change
 All ECHO Sessions run noon – 1 PM ET




Date	Topic	Speaker
Jan. 31	Top things to know about biomarker testing	Kate Reed Director, Precision Oncology Education The Jackson Laboratory
Feb. 21	Indications for germline testing	Kate Reed Director, Precision Oncology Education The Jackson Laboratory
March 20	Interpreting results: Know when further testing is needed	Kate Reed Director, Precision Oncology Education The Jackson Laboratory
April 17	Homologous recombination deficiency (HRD) overview	Kate Reed Director, Precision Oncology Education The Jackson Laboratory
May 15	Accessing targeted treatments (off-label and clinical trials)	Lindsey Kelley Genomic Navigator The Jackson Laboratory
July 17	Use of PARP inhibitors in non-canonical cancer types	Christine Walko, Pharm.D., BCOP, FCCP Department of Individualized Cancer Management Moffitt Cancer Center Associate Professor, Department of Oncologic Sciences
August 21	EGFR inhibitor Resistance	Todd Knepper, Pharm.D. Associate Member, Precision Medicine, Moffitt Cancer Center
Sept. 18	Lynch syndrome & young onset colorectal cancer	TBD
Oct. 16	Targeting KRAS pathway	TBD
Nov. 6	Microsatellite instability and tumor mutational burden	TBD

Ready to Schedule your Case Presentation?

Cases can be submitted through a RedCap online case submission tool!


The tool can be accessed by these two methods:

 **Enter the Survey Access Code**


Start the survey by following the steps below.

1.) Go to this web address:

2.) Then enter this code:

 **Scan the QR Code**

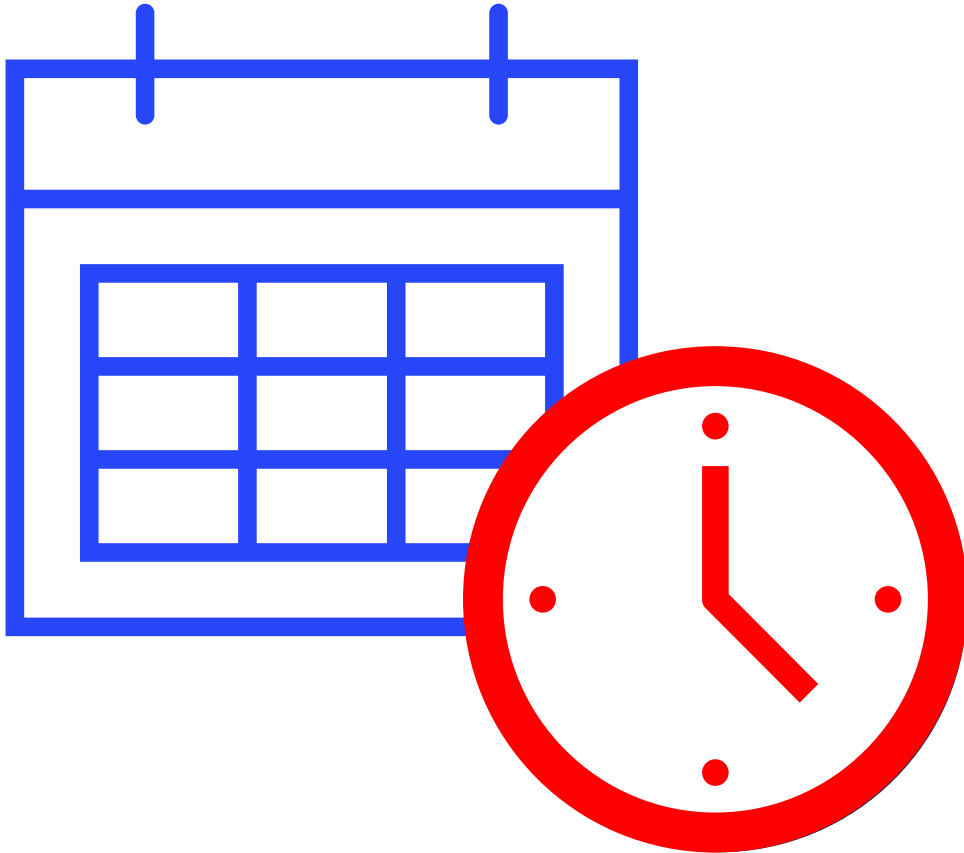
Alternatively, if you have a device that has an app capable of reading QR codes, you may scan the QR code below, which should take you directly to the survey in a web browser.



A link to the online case submission tool is available on the ACS ECHO website.

Having trouble with the RedCap Submission?

Please Email **Susan.Halverson@JAX.org** with your preferred case presentation date.



Submit cases at **least two weeks** prior to the ECHO session. The case presentation form serves as the sole requirement.

A member of the ACS ECHO Hub team will confirm your case presentation date and work with you to ensure your experience is easy and valuable.

The case presentation does **NOT** have to be thematic to the didactic presentation (while it is encouraged).

A summary table for each case presented will be distributed to the presenting provider after the session.

What information do I need to submit?

- A brief DEIDENTIFIED clinical summary (Age, Gender, Diagnosis, Prior and Current Treatments, Treatment Responses, Specific Questions, Other Pertinent Information)

Example:

- 61 YO Male with Colon Cancer Metastatic to Liver
- Diagnosed 4/2023
- History of stage III renal cell carcinoma 6/2020, radical nephrectomy
- Treatment is palliative in nature
- Discussed FOLFOX with patient
- Clinical Trial Options?

What test reports do I need to submit?

- All Next Generation Sequencing reports:
 - Current and previous testing
 - Liquid panels, solid panels
 - PD-L1 Expression
 - Immunohistochemistry results
 - RNA Expression reports
 - RNA Sequencing reports
 - Reports that state "no findings"
 - Hereditary panels
 - Pathology reports

Please deidentify reports prior to submission

*Please contact Susan with any questions - **Susan.Halverson@jax.org***

Case Sign Up Schedule



A member of the support team will confirm your case presentation date and work with you to ensure your experience is easy AND valuable.

Date	Session	Participant Name	Date	Session	Participant Name
January 31 st	Top things to know about biomarker testing	3-4 Cases needed	July 17 th	Use of PARP inhibitors in non-canonical cancer types	3-4 Cases needed
February 21 st	Indications for germline testing	3-4 Cases needed	August 21 st	EGFR inhibitor Resistance	3-4 Cases needed
March 20 th	Interpreting results: Know when further testing is needed	3-4 Cases needed	Sept. 18 th	Lynch syndrome & young onset colorectal cancer	3-4 Cases needed
April 17 th	Homologous recombination deficiency overview	3-4 Cases needed	October 16 th	Targeting KRAS pathway	3-4 Cases needed
May 15 th	Assessing targeted treatments (off-label and clinical trials)	3-4 Cases needed	November 6 th	Microsatellite instability Tumor mutational burden	3-4 Cases needed





Allison Rosen

*Director, Project ECHO
American Cancer Society*

Session 0: iECHO

Benefits of iECHO



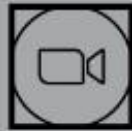
Integrated digital platform for an all ECHO ecosystem

Seamless experience across all
ECHO services and devices



Global Audience

Accessible in 10+ languages and in all time
zones, adhering to global security protocols



Fully integrated with Zoom

Easily enjoy sessions with
automated attendance tracking



Automated reminders

Reminder 30 minutes before session starts



Access to program content & resources

All lectures, cases, articles, and other
resources in a single library



Easily submit assessments & feedback

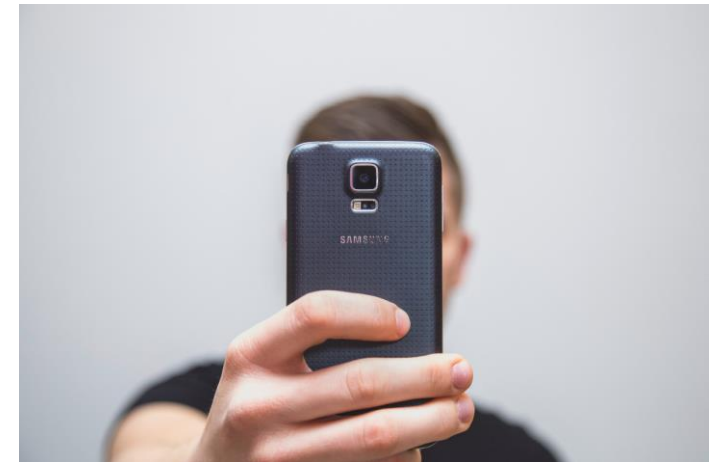
All feedback, assessments, and
other evaluation forms in a single
platform, linked to your iECHO account

ECHO Participation Pre-Program Survey

Pre-Program Survey



How to Use a QR Code



1. **Turn on** your phone camera
2. **Aim** the camera at the code
3. A link will show up
4. **Tap** the link to go to the survey



Open Discussion: Questions & Answers

A Few Reminders



Next ECHO Session: January 31, 2024, 12:00–1PM ET Topic: [Choosing the best genomic tumor test.](#)



Please pass on registration form to anyone that still might be interested in joining <https://forms.office.com/r/Zzeti7ygGL>.



Slides, Recordings, & Resources will be made available within one week. All resources will be available on the [ACS ECHO Website](#).



Case Presentations: Ready to schedule your presentation? [Case Form](#) or use the QR code
Contact Susan.Halverson@JAX.org.



Please send us a high-definition logo for your system.



Look for a calendar invitation from Amy from the American Cancer Society for **Session 1–10**
Zoom invite will not come until **30 minutes** before the session.



Questions? Allison Rosen – Allison.Rosen@cancer.org Amy Deavitt – Amy.Deavitt@cancer.org.

**All meeting materials will be disseminated
and uploaded within one week of the session
to the ACS ECHO website**



Thank You