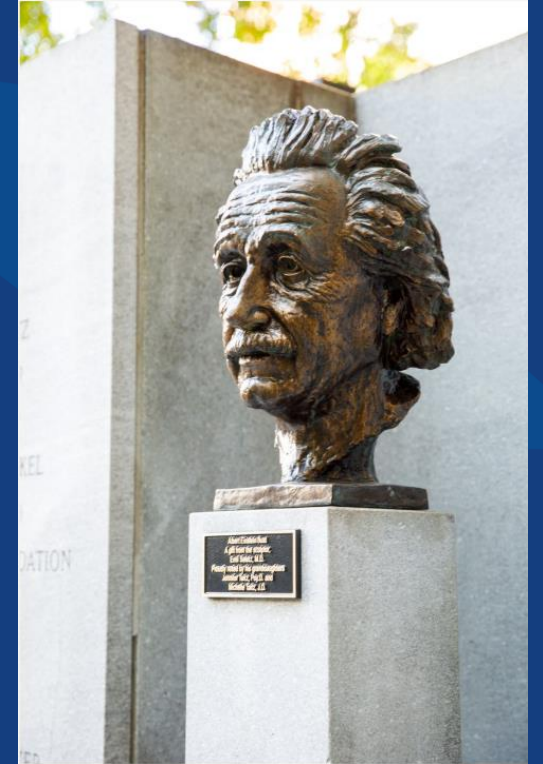




Institute for Clinical and  
Translational Research  
AT EINSTEIN AND MONTEFIORE

# Welcome to the ICTR External Advisory Committee Meeting!

November 20, 2025



Montefiore

# Agenda

<b>Time</b>	<b>Topic</b>
9:00 – 9:15	Welcome and Introductions
9:15 – 9:25	Institutional Updates
9:25 – 9:45	Overall ICTR Year 3 Highlights
9:45 – 10:15	Dissemination/Implementation Science and Learning Health Systems
10:15 – 10:45	Community Collaborative Core
10:45 – 11:00	Break
11:00 – 11:30	BERD
11:30 – 12:00	Health Informatics
12:00 – 12:30	Workforce Development
12:30 – 1:00	Lunch Break
1:00 – 1:30	Evaluation and CQI
1:30 – 2:00	Clinical and Translational Science Pilot Program
2:00 – 2:30	Clinical Research Resources
2:30 – 2:45	General Discussion
2:45 – 3:00	Break
3:00 – 4:00	EAC closed meeting followed by feedback with Drs. Kahn and Kim

# Assignments

<b>Section</b>	<b>Presenter</b>	<b>Primary Reviewer</b>
<b>Overview</b>	Drs. Kahn and Kim	All
<b>Dissemination and Implementation Science/Learning Health Systems</b>	Dr. Rikin	Dr. Nease
<b>Community Collaborative Core</b>	Dr. Perez	Drs. Carter-Edwards and Heyward
<b>BERD</b>	Dr. Fazzari	Dr. Ratcliffe
<b>Health Informatics</b>	Dr. Goriacko	Dr. Mathew
<b>Workforce Development</b>	Dr. McGinn	Dr. Coller
<b>Evaluation and CQI</b>	Dr. Fishman	Dr. Kane
<b>CTS Pilot Program</b>	Dr. Milman	Dr. Zand
<b>Clinical Research Resource</b>	Dr. Abramowitz	Dr. Coller

# EAC Website



<https://events.montefioreeinstein.org/event/montefiore-einstein-ctsa-external-advisory-committee-meeting-2025>



# ICTR Year 3: Overview



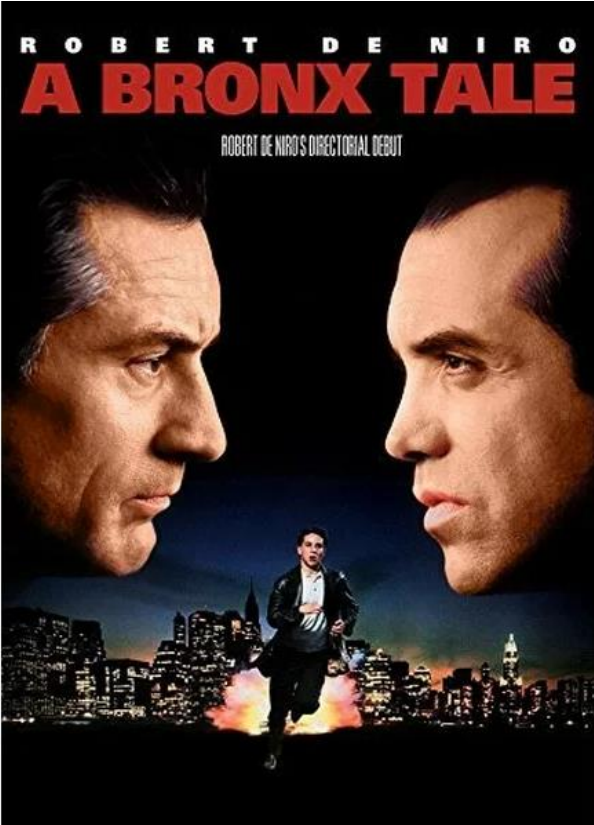
## “Building Bridges in the Bronx and Beyond”

Bridging gaps between researchers, health system leaders, clinicians, patients, communities, and CTSA partners to advance translational science and improve health outcomes for all



# Leadership and Organizational Development: Key to Achieving Our Vision

# MPIs teaming up to destroy barriers to CTR on the streets of the Bronx ...



Coming soon  
to Netflix ...  
the three join  
forces to  
vanquish the  
demons of  
CTR  
roadblocks



# Strengthened ICTR Module Leadership

- **D&I/LHS director**

Sharon Rikin, MD MS



- **CCC director and associate director**

Hector Perez, MD and Damara Gutnick, MD



- **Qualitative/mixed methods core director (new)**

Dana Watnick, PhD



- **HIC interim co-directors – and new CRIO search**

Pavel Goriacko, MPH, PharmD, and Erin Henninger, MPH



- **NYC RING co-director**

Jonathan Ross, MD, MS



Transitions have infused new expertise, capacity, and energy into ICTR

# Launched Internal Advisory Committee



Representation of leaders at Montefiore and Einstein, center directors, community representatives, community engagement leaders, research administration, dean's office



# Integration of ICTR with M-E

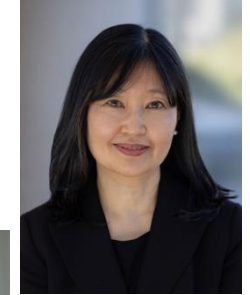
- **Jessica Kahn, MD MPH**

Senior Associate Dean for Clinical and Translational Research



- **Mimi Kim, ScD**

Director, Data Science Institute



- **Sharon Rikin, MD MS**

Associate Dean for Institutional Quality Improvement



- **Damara Gutnick, MD**

Senior Director, MMC's Office of Community and Population Health



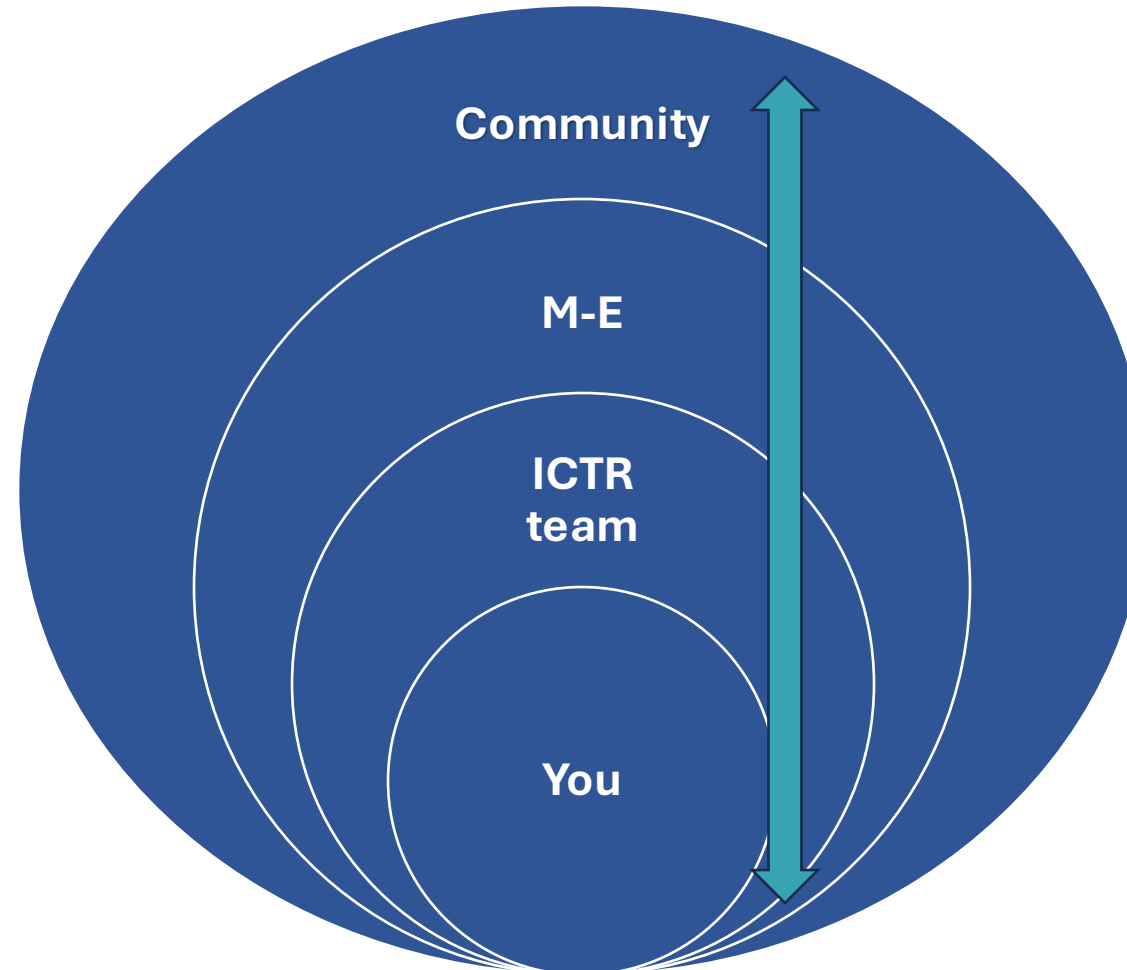
... and many other connections

# Team Building and Strategic Alignment: ICTR Retreat



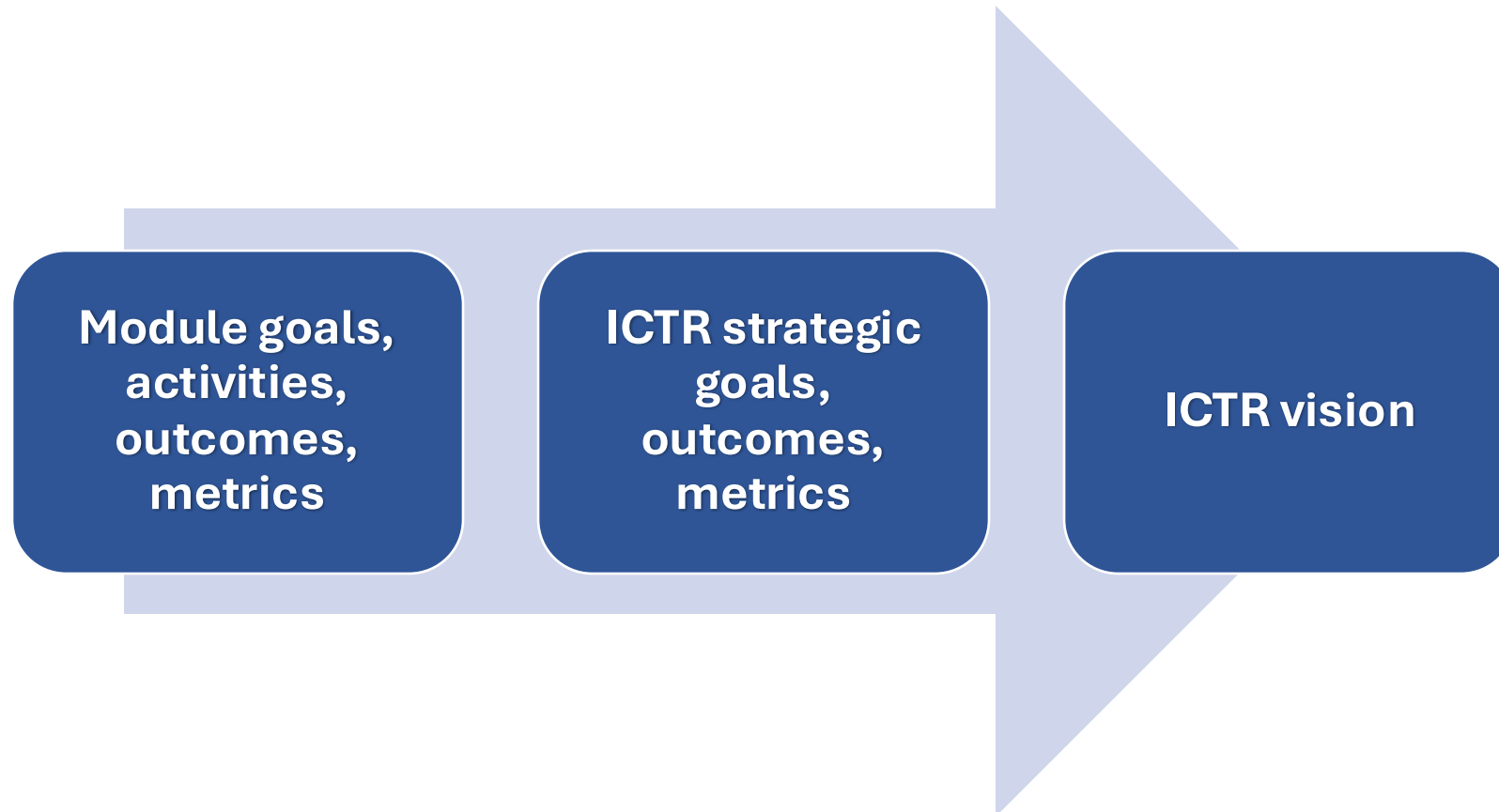
# Retreat Theme: Aligning for Impact

## 1. Aligning individual, ICTR, institutional, and community aspirations



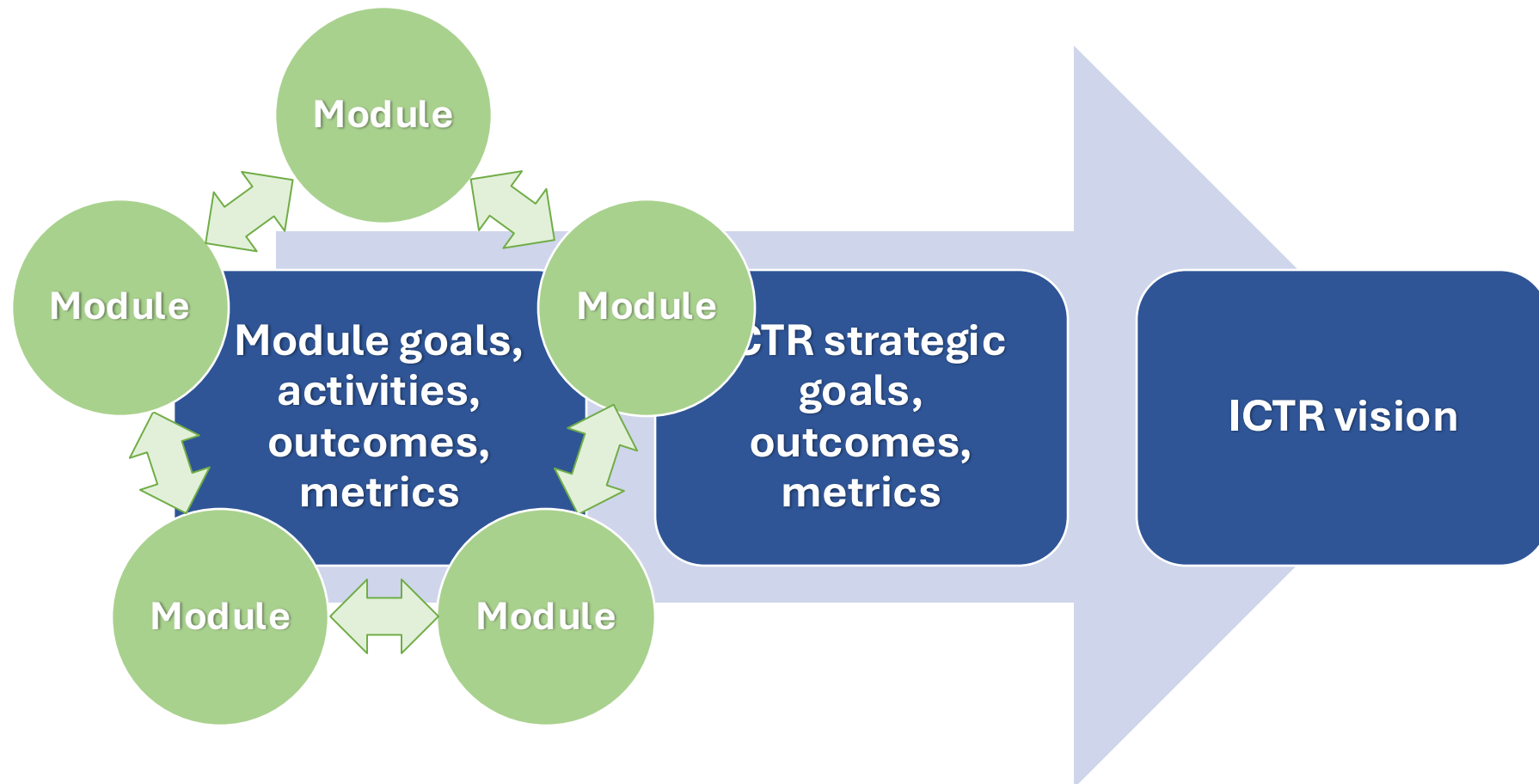
# Retreat Theme: Aligning for Impact

## 2. Aligning module goals/activities with ICTR strategic goals, measuring impact



# Retreat Theme: Aligning for Impact







## 3. Aligning across the ICTR: developing cross-module collaborations



# Cross-Module Collaboration Development



**ICTR Strategic Aim #1:**  
Catalyze and support research to advance translational science

Approaches	Aligned Module Aims
Increase awareness and understanding of the discipline of TS in our E-M communities through training opportunities, lecture series, town halls, online educational resources	
Establish a CTS pilot project program	
Establish a CTS research program that addresses the significant translational barrier of lack of diversity in study populations	
Provide resources to develop innovative methodological and informatics solutions to accelerate CTR including novel analytical methods, clinical trial recruitment and retention tools	
Improve operational efficiencies (single IRB, master agreements, biorepository)	
Enhance dissemination and implementation strategies for translating research findings into practice	

*CCC - Novel Qv  
Met*

**EINSTEIN**  
Albert Einstein College of Medicine



Details in CQI presentation

# Accomplishments by Strategic Goals



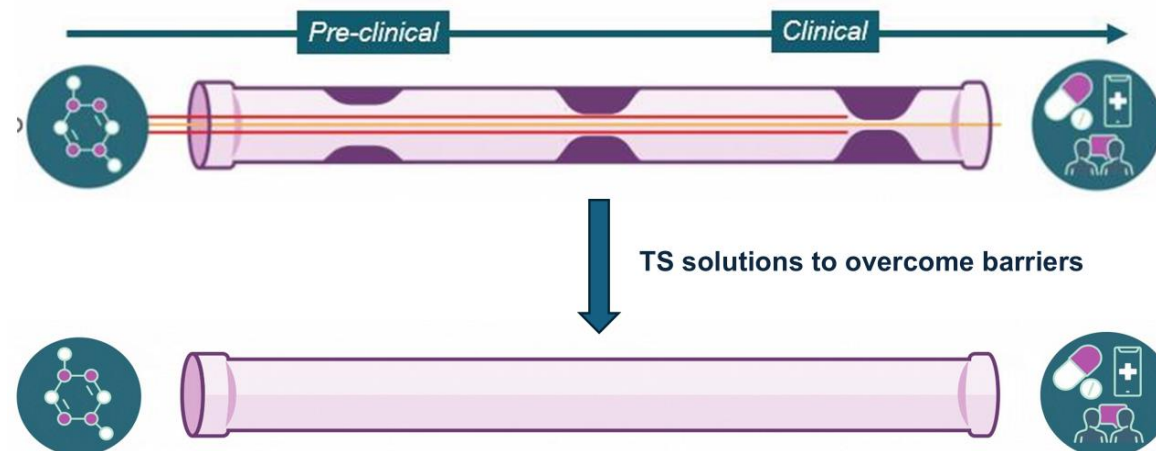
1. **Catalyze** and support research to advance translational science
2. **Facilitate** community and stakeholder engagement throughout the translational process
3. **Create** and **implement** state-of-the-art scientific resources, services, and informatics capabilities to facilitate CTR
4. **Develop** and maintain a skilled, multidisciplinary translational workforce to support and lead high-quality CTR
5. **Partner** with other CTSA hubs and CTSA consortium to accelerate TR and rapidly respond to public health emergencies

*Many new initiatives and accomplishments driven by last year's EAC recommendations*

# ICTR Strategic Goals

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- Funded four new **TS Pilot Project Awards** addressing translational roadblocks
- Implemented Element E Project - **Disability as Difference: Reducing Researcher Roadblocks (D<sup>2</sup> R<sup>3</sup>)**
- Obtained and applied for **new sources of TS funding**
- Increased **TS awareness and knowledge**
- Implemented **resources to catalyze LHS research**: M-E advisory board, consultative services, workshops, grand rounds, pilot grants



# 2025 TS Pilot Projects



**Mirnova Ceide, MD, MS**  
Associate Professor, Departments  
of Psychiatry and Behavioral  
Sciences, Medicine (Geriatrics),  
and Neurology

***A Virtual Life Story Club  
Intervention to Improve  
Loneliness and Apathy in  
Community-Dwelling Older  
Adults: A Mixed-Methods  
Feasibility Study***



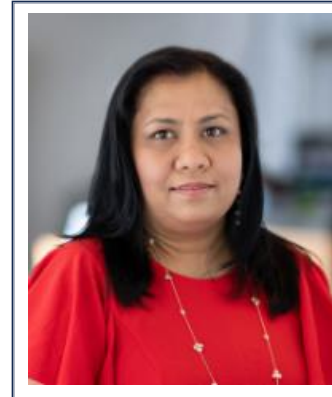
**Carlo Lutz, MD**  
Assistant Professor, Department of  
Emergency Medicine

***Bridging the Gap: Assessing  
Digital Health Literacy and  
Readiness for Behavioral Change  
in Emergency Department  
Populations***



**Srilakshmi Raj, PhD**  
Assistant Professor, Department of  
Genetics

***Predicting population-specific  
genetic disease risks in biobank-  
scale data***



**Kamini Singh, PhD**  
Assistant Professor, Department of  
Molecular Pharmacology

***Finding Neoantigens Using An  
mRNA Translational-Based  
Approach***

# Element E Project (Dr. Karen Bonuck, PI)

- **Completed measurement of knowledge, attitudes, and perceptions** of researchers re: engaging people with disabilities in research.
- Completed an **eLearning module** for investigators – will be publicly-available.
- Ongoing: **RCT** to evaluate module effectiveness.
- **Dissemination**
  - **Guide** to facilitate PWDD's participation in coding qualitative data.
  - **JCTS manuscript** under revision (Bonuck K et al. *Researchers' Roadblocks to Including People with Intellectual and Developmental Disabilities in Research*).
  - **eModule** will be used in a toolkit being developed by the CTSA working group, Engaging Individuals with Disabilities in Research.



# ICTR Funding to Advance TS

- **R25: Bronx: Montefiore Einstein Explore Translational Science Program (Bronx MEETS)**
  - 10-week TS curriculum and mentoring for Master's students in the DISCOVER program and interested undergraduates
- **Philanthropic support**
  - **Shiu Y. Kwok Scholar LHS pilot program:** \$100,000
    - Pilot funding and mentorship studios to drive innovation, implementation, and impact
  - **Anonymous gift:** \$1M for translational pilot grants, \$1M for ICTR
    - ICTR funding to support ongoing and expanded work in D&I/LHS, PBRN, CCC, WFD (including physician-scientist career programming), CCC, HI
- **LifeSci NYC Initiative grant: Shaping Professional Advancement through Research mentoring and Knowledge (SPARK)**
  - Mentoring program for Lehman students in DISCOVER Master's program
- **RC2:** revised and re-submitted; second RC2 in development

# Increased TS Awareness/Knowledge

- **TS Townhalls and seminar series**
- **Teaching TS principles in WFD programs**
- **Developing new TS evaluation and integration tools**

The Institute for Clinical and Translational Research and Pilot Projects Program present:

### Translational Science Town Hall

Town Hall attendees will learn about funding opportunities at Einstein for Translational Science Pilot & Feasibility grants:

- Important differences between Translational Science and Translational Research
- Submitting a responsive application for a 2026 Pilot Project Award (1-year funding, \$40,000)

**Sofiya Milman MD, MS, Co-Director, ICTR Pilot Project Program**  
**Sylvia Suadicani PhD, Co-Director, ICTR Pilot Project Program**

**Wednesday, October 29 at 11am**  
 Price Center/Block Pavilion Room 451  
 Zoom link available upon request  
 Registration required

The Institute for Clinical and Translational Research and Pilot Projects Program present:

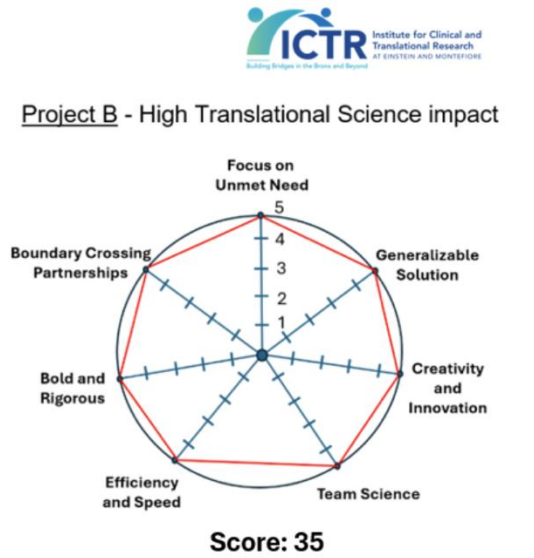
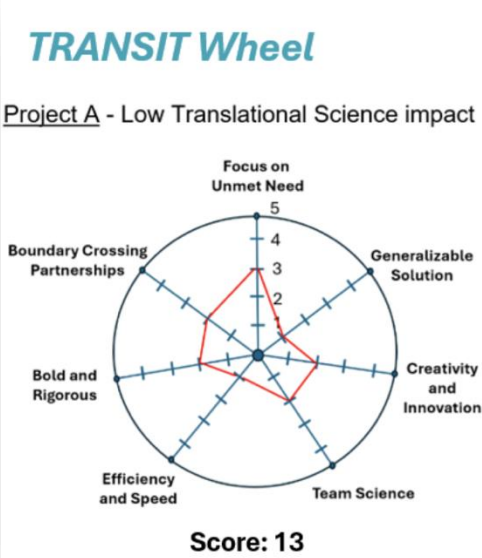
### Translational Science Seminar

**Building Electronic Tools To Enhance and Reinforce Cardiovascular REcommendations for Heart Failure (BETTER CARE-HF): A Pragmatic Cluster-Randomized Trial to Improve Heart Failure Care**

**Amrita Mukhopadhyay, MD, MS**  
 Eugene Braunwald, MD Assistant Professor of Cardiology  
 The Leon H. Charney Division of Cardiology, Department of Medicine  
 Division of Healthcare Delivery Science, Dep. of Population Health  
 NYU School of Medicine

Dr. Mukhopadhyay is the Eugene Braunwald, MD Assistant Professor of Cardiology and an Assistant Professor in the Department of Population Health at NYU School of Medicine. A non-invasive cardiologist and physician scientist with interest in quality of care and outcomes research, her research focuses on assessing and reducing gaps in evidence-based cardiovascular care by utilizing the power of electronic health record-based data and interventions. Dr. Mukhopadhyay is an NYU CTISI Pilot Project award recipient, currently serves as a co-leader for the NYU CTISI Pilot Project Program, and is the recipient of foundational and NIH career development awards.

**Monday, November 24 at 11am**  
 Price Center/Block Pavilion Room 551  
 Zoom link available upon request  
 Registration required



# ICTR Strategic Goals

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# Facilitate community and stakeholder engagement

- **Expanded**

- Community Engagement Research Implementation Toolkit – CE linkage request, CE tracker, CE evaluations
- Community compensation guide
- Language translation services for research
- Collaborations with Community Health Worker Institute
- SDOH research

- **Developed**

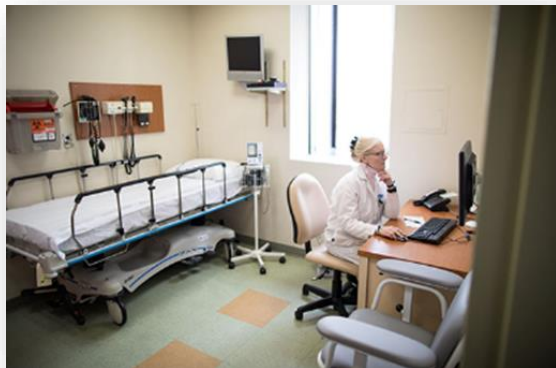
- Qualitative and mixed methods core and qualitative analysis software
- Element E project: Artificial Intelligence to Reduce Barriers and Build Bridges in Community-Engaged Translational Research (AI-BRIDGE)

# ICTR Strategic Goals

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# Expanded ICTR Resources

- **New resources for researchers** to navigate new federal/NIH directives – online resource, seminars
- **Expanded CCC resources** – toolkit, compensation guide, QMM core
- **Expanded data science resources** – EHR data access (engagement and support for Epic Cosmos, Dandelion)
- **CRC expansion strategy** – expanded hours, traveling RN, new equipment (e.g. body composition assessor), outreach, etc.
- **BioR expansion strategy** – shared biospecimens and linking biobank samples with EHR data, etc.



# Increased ICTR Visibility to Expand Access to Resources

- **ICTR open houses** (both campuses)
- **Departmental presentations**
- **Marketing materials**
- **Expansion of symposia, working groups** for several modules
- **Newsletters** – ICTR and research



# ICTR Strategic Goals

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# Develop the Translational Workforce

- **New data science training activities**
  - DS 101 series, training in R and ML, high performance computing workshop
  - New CRTP course – Real World Data for Clinical and Translational Research
  - Methodologic training for clinical research coordinators, CCC community advisory board, and broader Einstein community
- **Shaping Professional Advancement through Research mentoring and Knowledge (SPARK)**
  - Mentoring program for Lehman students in DISCOVER program, funded by the LifeSci NYC Initiative
- **Clinical research coordinator training program enhanced**
  - 169 learners participated in 2025: ~58% of the coordinator workforce
- **Incorporating TS training into Pathway Programs (R25)**

# ICTR Strategic Goals

1. **Catalyze** and support research to advance translational science
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# Partner with other CTSA hubs and CTSA consortium to accelerate TR

- **CTSA Engagement**
  - **Steering committee**
  - **Enterprise Committees:** Integration Across the Lifespan, BIDS, Collaboration and Engagement, WFD
  - **Working groups:** Pediatric Clinical Trials, Engaging Individuals with Disability, Real World Data WFD, LHS
  - **Consortium groups:** PI, T32 PI Directors, K12 PI Directors, Administrators, Communicators, QA/QC
  - **Fall CTSA meeting planning committee**
  - **AIM-AHEAD**
  - **Service on EACs, advisory groups**
- **TIN Engagement**
- **Many other collaborations** - CTR/CTS initiatives, manuscripts, grants (see RPPR)



# Year 3 Impact Highlights

- **Strategic Management**

- **CQI:** second manuscript published in JCTS: Fishman et al., *Evaluation means making CQI collaborative (E = MC2): Lessons learned from implementing a new continuous quality improvement process at the Einstein-Montefiore CTSA hub*
- **PBRN:** NYC RING: 7 active research studies
- **LHS:** PCORI Health System Implementation Initiative (Dr. Rikin: “Addressing Hypertension in Adults”)

- **WFD**

- Implemented science communication training to 110 participants through Alan Alda Center for Communicating Science and evaluated impact (submitted to TS2026)
- Reach for the First R01 workshop has led to 10 R01s, CRP training reached almost 60% of the coordinator workforce

- **CSE**

- C4E connection tool implemented with 19 consultations, leading to 2 grant submissions, CE tracker has 36 active users and tracks >150 CBOs

# Year 3 Impact Highlights

- **Resources and Services**

- BERD services resulted in 93 grant submissions, ~70 peer-reviewed publications
- CRC facilitated >1600 visits and 50 protocols
- CRR linked BioR patient samples and data with EHR (>6,000 unique patients) and made progress toward establishing set of shared biospecimens (>9,000 sample aliquots)

- **TS pilots**

- Educated community about TS, projects addressed roadblocks across the TS spectrum and resulted in multiple high-impact manuscripts, grants, patent filing

- **Data Science**

- Novel platform to match patients to 36 cancer clinical trials, online self-training modules on real world evidence and cohort-based studies, supported 718 projects

- **Publications in Year 3**

- 149 to date

# Selected Plans for Year 4 by ICTR Goal



Strategic Goal	Plans
<b>Catalyze</b> translational science	<ul style="list-style-type: none"><li>• Implement strategies to use <b>AI approaches</b> to overcome TS roadblocks.</li><li>• Further develop metrics to measure <b>impact</b> and overall ICTR metrics, develop dashboards, implement <b>cross-module collaborations</b>.</li><li>• Build <b>LHS infrastructure</b> to accelerate pragmatic trials, LHS pilot awards.</li></ul>
<b>Facilitate</b> community and stakeholder engagement	<ul style="list-style-type: none"><li>• Complete and disseminate <b>CE toolkit</b>, expand <b>QMM core</b>, launch <b>CE conference and pilots</b>, link work to Montefiore's Community Health Needs Assessment</li><li>• Launch second <b>Element E</b> project.</li></ul>
<b>Implement</b> scientific resources and services	<ul style="list-style-type: none"><li>• Expand <b>data science resources (AI, omics core)</b>, incorporate <b>data science training</b> into pathway programs, develop <b>novel analytic methods</b> in SDOH, expand access to <b>RWD</b> (Epic Cosmos, etc.).</li><li>• <b>Expand CRC, BioR services</b> including BioR-EHR linkage, shared repository.</li></ul>
<b>Develop</b> TS workforce	<ul style="list-style-type: none"><li>• Launch <b>physician-scientist pathway</b> initiatives, expand <b>masters and launch certificate programs</b> (CTR, data science), implement <b>R25</b>.</li></ul>
<b>Partner</b> with other CTSA hubs	<ul style="list-style-type: none"><li>• Expand <b>engagement in RWD network studies</b> and <b>collaborative grants</b>.</li></ul>

# Module Presentations

- How 2024 EAC recommendations were addressed
- Alignment with ICTR strategic goals
- Key accomplishments
- Innovations and unique capabilities
- Resources developed
- Programs with impact and reach
- Upcoming initiatives for year 4

# Questions for EAC

- How are we meeting our strategic goals and where should we focus in year 4?
- What are additional strategies to increase reach, sustainability, and impact?
- How can we better measure and communicate impact?

