

Teaching and Education at Massachusetts General Hospital

Bob S. Carter, MD, PhD
Professor and Chair
MGH Department of Neurosurgery
ECOTE Chair

Executive Committee on Teaching and Education (ECOTE)



ECOTE Strives to Build & Retain Educational Talent

We support faculty and staff working across domains to ensure that advances in medical science and clinical care are translated to every patient, all the time.

We provide this support via five key strategies:

Promote Educational Mission

- Bolster MGH's education leadership
- Educate internal and external audiences about the value of a "teaching hospital"

Sustain Educational Impact

- Strengthen external partnerships, alumni relationships, philanthropy and financial support for education

Invigorate the Educational Community

- Develop the community, skill set and careers of MGH clinician educators

Transform the Learner Experience

- Expand innovative approaches to customized, deliberate and interprofessional educational experiences

Evaluate Educational Effectiveness

- Increase education outcomes research and publication

Resources

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Professional Development

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Additional Opportunities



Executive Committee on Teaching and Education (ECOTE)

- Bob Carter, MD, PhD[^] (Chair)
- Mitchel Harris, MD[^] (Chair Elect)
- David Brown, MD
- Guardia Banister, RN, PhD, FAAN[^]
- Lori Berkowitz, MD
- Joseph Betancourt, MD
- Robert Birnbaum, MD, PhD
- Suellen Breakey, PhD, RN
- Reamer Bushardt, PharmD, PA-C, DFAAPA
- Gino Chisari, RN, DNP
- John Patrick Co, MD, MPH
- Taylor Coe, MD
- Marcela del Carmen, MD
- Brian French, RN, PhD
- James Gordon, MD, MPA[^]
- Mary Hanifin, MBA
- John Herman, MD
- Rachel Jimenez, MD
- Carolyn LaVita, MHA, RRT
- Patrick Lowe, MD, PhD
- Sara Midwood, BA
- Paula Milone-Nuzzo, PhD, RN, FHHC, FAAN[^]
- Elizabeth Mort, MD, MPH
- Ann Murray, MD
- Eric Nadel, MD
- Labrini Nelligan, MS
- Lisa Neville
- Romela Petrosyan, MD
- Yoon Soo Park, PhD
- Koren Phillips, MBA[^]
- Roy Phitayakorn, MD, MHPE (MEd), FACS
- Ann Prestipino, MPH[^]
- Alberto Puig, MD, PhD[^]
- Daniel Saddawi-Konefka, MD, MBA
- Christina Sansone, DNP, ACNP, NE-BC, CNRN
- Darlene Sawicki, NP
- Pamela Schaefer, MD, FACR
- Emily Smith-Sturr, PT, NCS
- Theodore Stern, MD
- Ravi Thadhani, MD, MPH
- John Kevin Tucker, MD
- Carey York-Best, MD
- Debra Weinstein, MD[^]



[^] Member of ECOTE Steering Committee

Resources Available to You

Research Support

- Education Research Grants
- One-on-One Research Consultations
- Medical Education Research Certificate Workshops
- Education Research Seminar Series
- Investigator Forums
- Health Professions Education Research prize at MGH Clinical Research Day

Teaching Support

- Education Scholars Program (course tuition)
- Monthly Education Forum
- Visiting Professors
- Webcast of HMS Academy Medical Education Grand Rounds
- Biennial ECOTE Symposium

For additional information regarding resources:

<http://apollo.massgeneral.org/ecote/>



One-on-One Research Consultations

ECOTE is pleased to sponsor a team of educational researchers, available to consult, mentor, and catalyze educational research and educational research careers. Meet the team and contact them for consultation:



Emil Petrusa, PhD
Email: epetrusa@mgh.harvard.edu



Yoon Soo Park, PhD
Email: yspark@mgh.harvard.edu



Michael G. Healy, EdD
Email: mghealy@mgh.harvard.edu



MGH Learning Laboratory

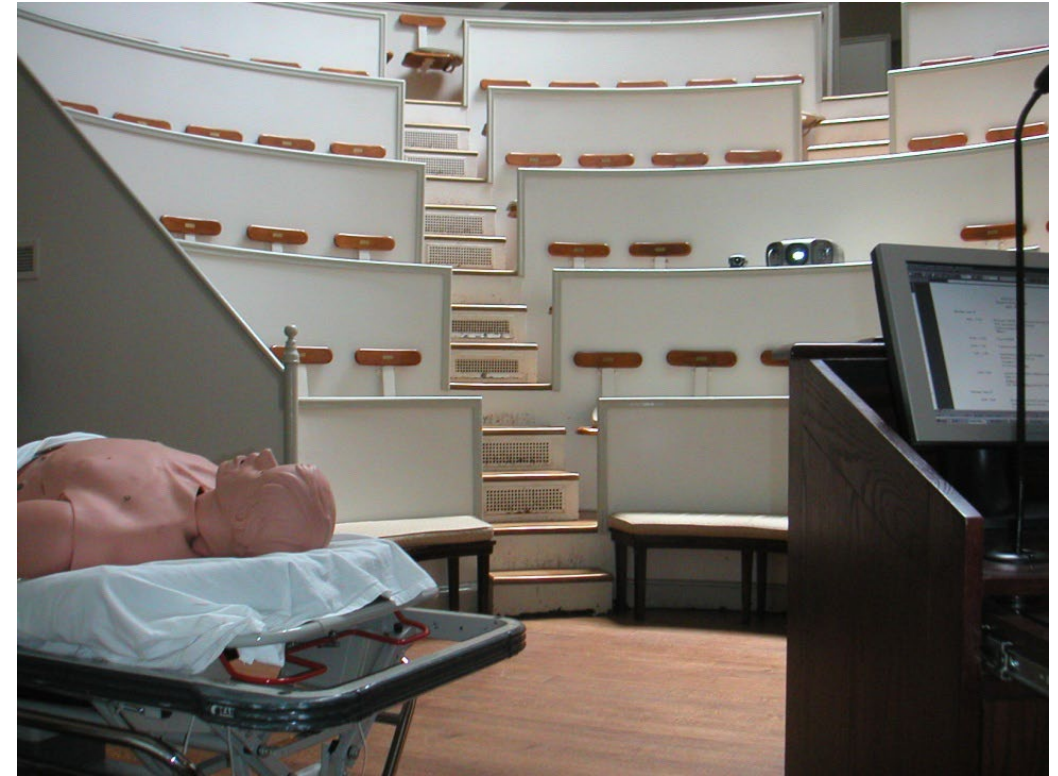


The MGH Learning Laboratory seeks to ensure that every MGH trainee, provider, and team has regular opportunities for dedicated clinical practice and feedback in a risk-free environment.

Mission: To enhance patient safety through routine practice for expert performance



Vision: To fully integrate clinical simulation as a quality and safety tool in healthcare



The Learning Laboratory Team



Carl Blesius, MD
Lab of Computer Science
Educational Technology



James Gordon, MD, MPA
Director



Michael G. Healy, EdD
Education Researcher



Sara Midwood
Administrative Coordinator



Rebecca Minehart, MD, MSHPE
Faculty Lead
Operating Room Strategic Initiatives



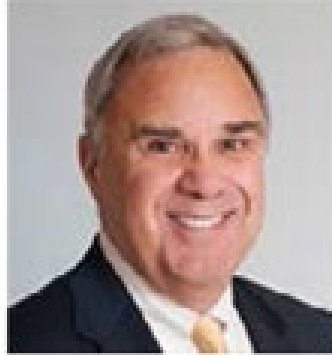
Michael Sampson
Surgical Simulation Specialist



Gabriella Hakim, MBA
Program Manager
Teaching and Education



Yoon Soo Park, PhD
Director, Health Professions
Education Research



Emil Petrusa, PhD
Faculty Lead
Academic Development



Koren Phillips, MBA
Executive Director
Teaching and Education



Patrick Smithedajkul, MD
Faculty Lead
Community Outreach



Wayne Stathopoulos, NREMT
Simulation Specialist



Suresh Venkatan, MBBS
Simulation Specialist



Website: www.massgeneral.org/learninglab

Email: MGHSimulation@mgh.harvard.edu

The MGH “Hub and Spoke” Model

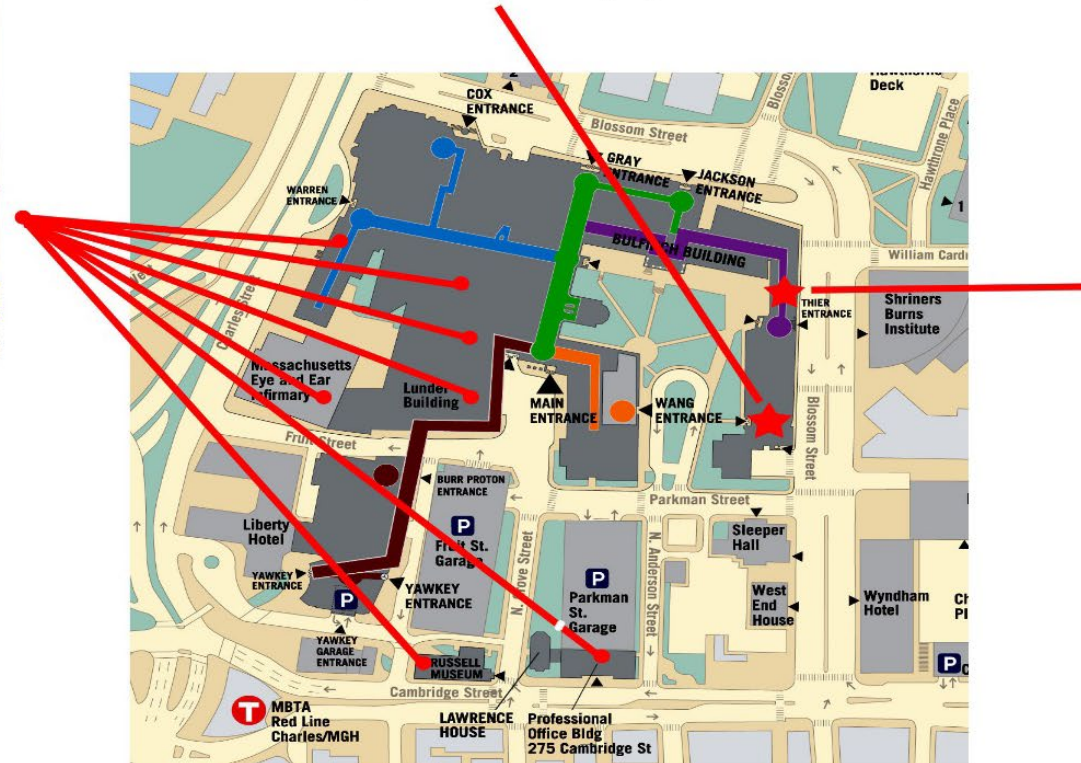
A Comprehensive Blend of Central and Distributed Training



The Learning Lab “Ward”, highly adaptable for a variety of simulated learning experiences



Multiple, easily accessible, in-situ simulation spaces throughout the hospital



The Learning Lab’s fully functional simulation surgical suite



MGH Learning Lab Resources

High-Fidelity Mannequins for medical and surgical scenarios

- SimMan (Adult)
- SimJunior (Child)
- SimBaby (Infant)
- Gaumard Victoria (OBGYN)

Task Trainers for Skill Acquisition (examples of trainers available)

- Lumbar Puncture
- Paracentesis
- Thoracentesis
- Central Line Insertion (IJ, Subclavian, Femoral)
- IV Arms
- Arterial Line

Faculty Development Opportunities

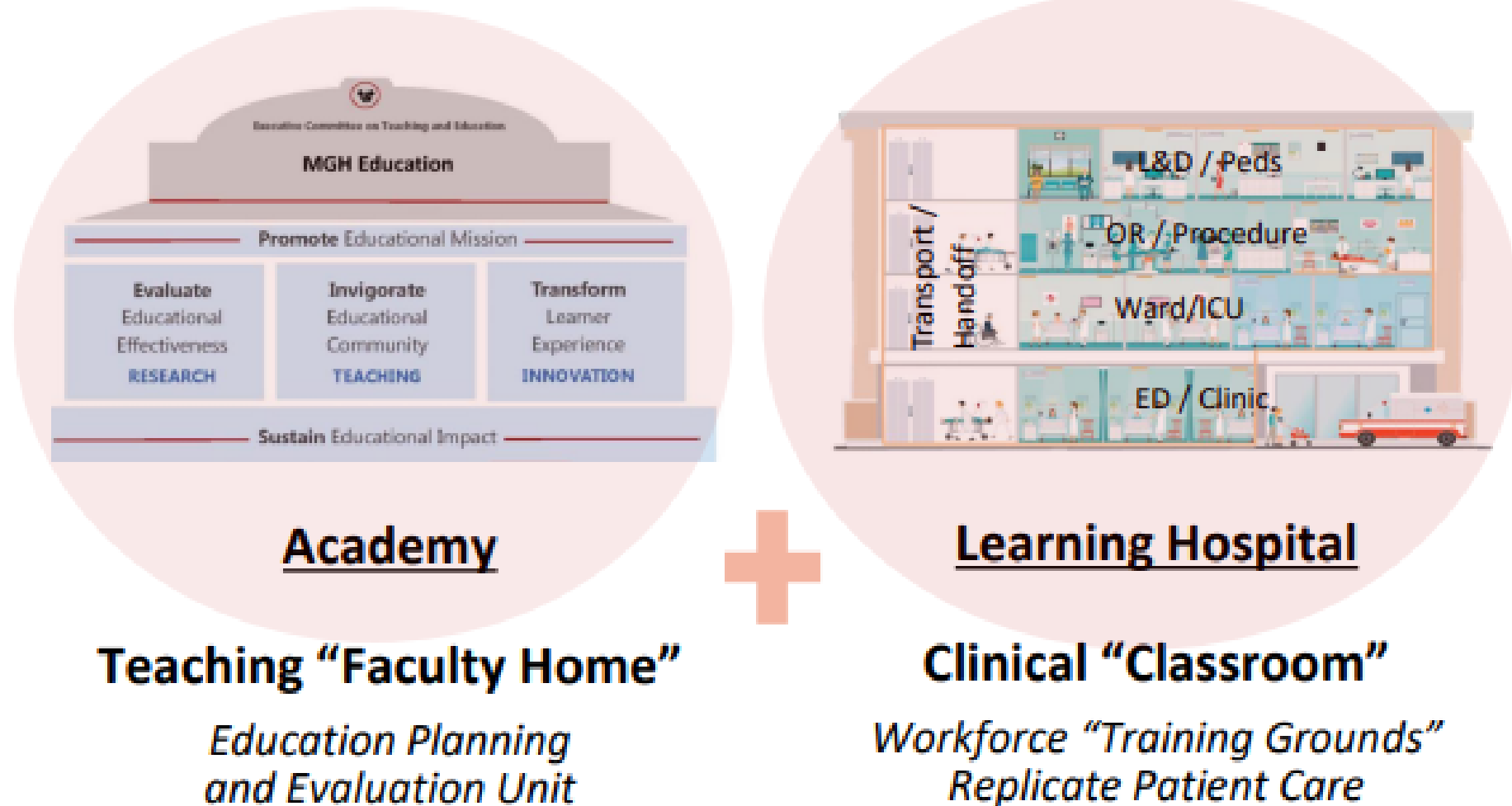
- Scenario/Case Development Assistance
- Education Research

For more information regarding the Learning Laboratory, please reach out to us at mghsimulation@partners.org



The Future of Our Education Strategy

Better Education = Better Healthcare





Mass General Brigham