LEADING EDUCATION AND TRAINING AROUND THE WORLD
HOUSTON METHODIST GLOBAL HEALTH CARE SERVICES IS LEADING THE CHARGE TO SHAPE THE FUTURE OF HEALTH CARE AROUND THE WORLD.
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EDUCATION AND TRAINING PROGRAMS
AT HOUSTON METHODIST HOSPITAL

Just as Houston Methodist sets the standard for medical advancements and patient care, Houston Methodist Global Health Care Services is leading the charge to shape the future of health care around the world. Through initiatives supported by one of the best hospitals in America, Houston Methodist Global is dedicated to connecting the world-class clinical and administrative leaders at Houston Methodist with counterparts around the globe to increase collaboration among health care professionals. We consider the knowledge and expertise within Houston Methodist to be our most valuable resource—a resource that we want to share with the world. It is our aim to foster a vibrant, global forum of physicians, nurses and health care professionals that will ultimately improve patient care in every community.

CLINICAL AND PROFESSIONAL DEVELOPMENT PROGRAMS

Houston Methodist Global offers unique, customized development programs for health care professionals designed to enhance their knowledge, skills and performance through customized training and observation of experts in the health care industry. The program development process starts with the unique needs of each learner, and curriculum is designed to meet individual goals. Because every learner is different, no two programs are alike. Past programs include:

**CLINICAL**
- Neurosurgery
- Medical Oncology
- Cardiovascular Surgery
- Surgery
- Gynecology
- Heart Failure
- Intensive Care
- Clinical Nursing
- Nursing Leadership
- Clinical Pharmacy

**PROFESSIONAL**
- Health care Administration
- Quality & Patient Safety
- Environmental Services
- Food Services
- Case Management
- Patient Relations
- Talent Management
- Laundry & Housekeeping
- Pharmacy Management
SAMPLE AGENDA
A TYPICAL DAILY SCHEDULE: CARDIOVASCULAR SURGERY TRAINING PROGRAM

“This program is excellent because you can see, learn and ask everything you desire with the master of every specialty. All the people are always willing to help us.” – A former learner

7:00 AM
Participate in the Valve Conference with Houston Methodist DeBakey Heart and Vascular Center. Similar to tumor boards, complex cases are shared at a bi-weekly valve conference. Cardiovascular surgeons, interventional cardiologists and imaging experts discuss diagnostic and management considerations.

8:00 AM
Attend Houston Methodist DeBakey Heart and Vascular Center Grand Rounds: “Stroke Prevention in Atrial Fibrillation Patients” by Dr. Miguel Valderrábano.

9:00 AM
Observe implantation of a left ventricular assist device (LVAD). Houston Methodist J.C. Walter Jr. Transplant Center is among the nation’s busiest and most respected heart failure and transplant programs, achieving a 94.1 percent one-year survival rate, which is well above the national average of 89.4 percent.

2:00 PM
Observe a Minimally Invasive Cardiac Surgery/Coronary Artery Bypass Grafting (MICS CABG) case. Houston Methodist Hospital is one of a handful of teaching sites in North America for minimally invasive cardiac surgery. Houston Methodist offers the country’s most advanced hybrid, robotic operating room, integrating advanced robotics, imaging and navigation with surgery so cardiovascular patients receive the least invasive and safest surgical and interventional treatments available.

4:30 PM
Meet with instructor to discuss tomorrow’s Re-Evolution Summit Conference, hosted at Houston Methodist Institute for Technology, Innovation & Education (MITIE®). This is a comprehensive hands-on minimally invasive cardiac surgery course with practical instruction from expert surgeons. Various models are used to simulate specialty-specific scenarios, and learners rehearse techniques until proficient. One of the largest facilities of its kind, MITIE now encompasses 35,000 square feet of research space dedicated to procedural skills acquisition and the development of image-guided technology, medical robotics and new procedural techniques.

5:00 PM
Attend the Houston Methodist Center for Performing Arts Medicine (CPAM) concert by director and pianist, Ruben Torres, performing classical music of Latin America. Ruben Torres is the leading performer and promoter of classical Latin American music in the United States, having premiered over 900 compositions over the past 20 years.
iLEAD

INTERNATIONAL LEADERSHIP EXPERIENCE AND DEVELOPMENT PROGRAM
The International Leadership Experience and Development (iLEAD) program is an exclusive program created to engage, inform and inspire health care leaders. iLEAD is designed specifically for physicians, nurses and health care administrators from around the globe. This program provides uniquely personalized instruction adapted for each participant based on competency assessments with the essential building blocks to better manage self, teams, and their organizations.

Houston Methodist Hospital has partnered with Texas A&M Mays School of Business, Center for Executive Development to create a robust program that equips participants with tools to lead real organizational change and achieve tangible results. Participants in the iLEAD program will experience a unique combination of individual leadership assessments, engaging courses, thought provoking group discussions, personalized mentoring and coaching, interactions with Houston Methodist leaders, and exposure to real world health care challenges and tools in the world’s largest academic medical center.

Houston Methodist is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Houston Methodist designates this live activity for a maximum of 30.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

All iLEAD participants will receive a certificate of participation.
“In addition to the friendliness of the staff, the transformational leadership at Houston Methodist stands out. Everyone is dedicated to the vision and mission of the hospital and to maintaining a high quality of care for the patients.”

- Sultan Al Khaibari

King Faisal Specialist Hospital, iLEAD Trainee
SIMULATION TRAINING

Houston Methodist is able to offer exceptional simulation training to physicians, nurses and allied health professionals through Houston Methodist Institute for Technology, Innovation & Education (MITIE™). MITIE is a state-of-the-art comprehensive simulation center at Houston Methodist Hospital that is dedicated to procedural skills and the development of image-guided technology.

RECURRING COURSES:

- Video-Assisted Thoracic Surgery (VATS)
- Skull Base Neurosurgery
- Cerebrovascular Neurosurgery
- Plastics and Reconstructive Surgery
- Postsurgery Pain Management
- Surgeon-Led DaVinci Robotic Surgery
- Microsurgery Mini-Fellowship
- Complex Laparoscopic Sleeve Gastrectomy
- Laparoscopic Hernia
- Advanced Therapeutic Flexible Endoscopy
- Laparoscopic Colectomy Introduction
- Laparoscopic Colectomy Master’s
- Flexible Endoscopy Mini-Fellowship
- Minimally Invasive Esophagectomy & Endoluminal Therapy
- Bedside ICU Procedures
- Ultrasound-Guided Central Venous Catheter Placement
- Emergency Medicine
- Difficult Airway Management
“Great leaders drive their organizations to make today’s visions tomorrow’s realities. Nowhere is this more important than in health care innovations. Houston Methodist is committed to excellence in research, teaching, patient care and the continued advancement of the art and science of medicine. Houston Methodist Global is committed to creating opportunities for knowledge transfer of best practices globally.”

- Cathy Easter, MS President and CEO,
  Houston Methodist Global Health Care Services
CONFERENCES AND SYMPOSIA

The conferences offered at Houston Methodist allow valuable knowledge transfer, professional development and interaction with key hospital leaders. Customized packages are available including MITIE simulation training, observation, leadership training and grand rounds.

ANNUAL CONFERENCES

- Re-Evolution: Hands-On Minimally Invasive CV Surgery
- Cardiovascular Fellows Bootcamp
- Heart Valve Summit
- Pumps & Pipes, in partnership with ExxonMobil and NASA
- Multi-Modality Cardiac Imaging Conference
- Cardiac MRI Workshop
- Advances in Neurology Symposium
- International Alzheimer’s Symposium
- Geriatric Ophthalmology
- Cardiac CT Workshop
- George P. Noon Organ Failure Conference
- Wadi Suki Chronic Kidney Disease Conference

“A very topical and up-to-date course covering the principles and practice of all aspects of minimally invasive cardiac surgery. The ‘hands-on’ demonstrations in the wet lab were amongst the most impressive that I have ever personally experienced!”

- David Taggart, MD, PhD, FARCS
  Professor of Cardiovascular Surgery, University of Oxford
GLOBAL LECTURE SERIES

Through web technology, Houston Methodist Global provides participants live interactive broadcasts of insightful presentations by clinical and administrative leaders. Lecture topics range from quality improvement and leadership to clinical topics in cardiology, surgery, oncology and a variety of other specialties. Qualifying participants are able to receive *AMA PRA Category 1 Credits™*, and all participants receive a certificate of participation.

**EXAMPLES OF LECTURES**

**Physician CME**
- Techniques in Regional Pain Management
- Left Ventricular Assist Devices & Mechanical Circulatory Support
- Understanding Type 2 Diabetes—Prevention and Management
- Advances in Neurosurgery

**Leadership & Quality**
- Sepsis: A Case Study
- Clinical Research and its Role in Organizational Reputation
- Quality Measures & Key Performance Indicators
- Patient Safety

**Nursing**
- Shared Governance in Nursing
- Leadership at the Bedside
- Nursing Documentation
- Creating a Culture of Excellence

**ACCREDITATION AND CREDIT DESIGNATION STATEMENTS**

Houston Methodist is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Houston Methodist designates this live activity for a maximum of 1.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**CONNECT TO A LIVE LECTURE**

Connect to live lectures on your computer in the hospital or at home. For a listing of upcoming lectures and connection details, please visit us online houstonmethodist.org/education-training or globaleducation@houstonmethodist.org.

“This program is absolutely dedicated to educating physicians and is fully comprehensive in all aspects.”
- Recent lecture attendee
HOUSTON METHODIST CENTER FOR PROFESSIONAL EXCELLENCE IN NURSING

As a Magnet designated institution, Houston Methodist is committed to advancing the art and science of nursing worldwide, through research and education. Houston Methodist Global can develop customized courses to accommodate individual learners or groups.

CLINICAL DEVELOPMENT PROGRAMS
For practicing Nurses with at least two years of practice experience
  • Clinical Nursing
  • Nursing Leadership
  • Executive Nursing Leadership Development

RECURRING DIDACTIC COURSES
  • Bedside Leadership
  • Changing Patient Conditions
  • Critical Thinking Skills
  • Behavioral Emergency Training
  • Transplant Foundations
  • 12 LEAD ECG Interpretation
  • Dysrhythmia Detection and Current Patient Care Management
  • Prep Review Education for Certified Emergency Nursing
  • ONS Chemotherapy Class
  • Current Care Management of Patient in Mechanical Ventilation Management
  • Advanced Cardiac Life Support
  • Basic Cardiac Life Support
  • Vascular Access Devices
  • Chemotherapy Administration
  • Oncology Foundations
  • Orthopedic Foundations
  • Master the Preceptor Role: Assessment to Evaluation
HOUSTON METHODIST RESEARCH INSTITUTE PROGRAMS

Houston Methodist’s mission of leading medicine is grounded in a commitment to translational and interdisciplinary research and education. Our mission is to innovate in health care technology and train current and future clinicians and translational researchers from around the world in cutting edge health care advances. Houston Methodist Research Institute has more than 840 active clinical protocols and has annual research expenditures over $125 million.

RESEARCH FOCUS AREAS

- Nanomedicine
- Systems Medicine & Bioengineering
- Translational Imaging
- Cancer
- Cardiovascular Disease
- Diabetes and Metabolic Disease
- Genomic Medicine
- Infectious Disease
- Inflammation & Epigenetics
- Neurosciences
- Tissue Engineering & Regenerative Medicine
- Transplant Immunology

HOUSTON METHODIST ACADEMY FOR MEDICAL SCIENCE AND TECHNOLOGY

- Summer Internship Program, Undergraduates/Medical Students
- Postdoctoral Program
RESIDENCY & FELLOWSHIP PROGRAMS

Houston Methodist has a long tradition of training physicians in various medical and surgical specialties. The Graduate Medical Education program includes 33 ACGME-accredited programs and 5 GMEC-sponsored programs. Positions are awarded through the Houston Methodist Office of Graduate Medical Education and the National Residency Matching Program. More information is available at houstonmethodist.org/education.

*Program availability varies by specialty. Please note, programs are highly competitive, and each applicant will be evaluated based on their professional goals and interests, demonstrated leadership experience, and potential to lead innovation and change in the field of health care.

To inquire or express interest in Education & Training opportunities at Houston Methodist, please contact globaleducation@houstonmethodist.org or call +1.713.441.8032.