The knowledge and expertise within Houston Methodist are our most valuable resource – a resource we want to share with the world. It is our aim to provide a vibrant, global forum of physicians, nurses and health care professionals that will ultimately improve patient care in every community. Houston Methodist offers a variety of pre-packaged education programs for health care professionals designed to enhance knowledge, skills and performance. We also offer customized development programs to meet specific needs for health care leaders and clinical personnel.

We look forward to working with you and developing programs to meet your needs.

Sincerely,

Cathy Easter
President & CEO
Houston Methodist Global Health Care Services
Senior Vice President
Community Development
Houston Methodist Hospital
**Date:** April 1, 2016
This course will address the challenge of defining the role of new technologies, disease entities and therapies in everyday clinical practice by presenting the latest evidence-based information on diagnostics and therapeutics in digestive disorders.

Below the Belt Line: 2016 Insider’s Guide to Pelvic Health
**Date:** April 2, 2016
The symposium is designed for health care providers interested in the latest treatments of pelvic floor disorders for men and women.

Action Stat: Nurse Practitioner/Physician Assistant Boot Camp
**Dates:** April 7 - 10, 2016
This accelerated conference for the hospital-based clinician is a boot-camp style course that offers need-to-know information for nurse practitioners and physician assistants practicing in a hospital-based setting. This conference is designed to enhance knowledge in patient management and will present the latest evidence in the diagnosis and treatment of important topics including cardiology/cardiovascular, pulmonary, neurosurgery, professional development and emergency medicine.

5th Annual Symposium on Enhancing Geriatric Understanding and Education (SEGUE): Geriatric Ophthalmology for Non-Geriatricians
**Date:** April 9, 2016
This annual conference seeks to address the needs of the growing geriatric patient population by arming providers with the necessary information on topics such as diabetic retinopathy, ARMD, cataracts, glaucoma, low-vision, as well as related co-morbidities (e.g., depression, dementia, hearing loss, function loss, driving, and elder abuse).

Intensive Bioethics Course
**Dates:** April 11 - 15, 2016
This course addresses specific cutting-edge topics such as end-of-life decision-making, pediatrics, and spiritual care and moral distress, as well as sessions that offer hands-on practice in developing policies, conducting and documenting consultations, conducting committee meetings, and mediating difficult conversations.

Southwest Valve Summit
**Dates:** April 29 - May 1, 2016
This Heart Valve Summit, is designed to highlight case-based decision making for the accurate diagnosis and effective treatment of heart valve disorders. With an emphasis on functional anatomy, imaging innovation, and percutaneous valve interventions, this course will engage and educate cardiologists, cardiovascular surgeons, anesthesiologists, nurse practitioners, internal medicine specialists, and fellows in training. The topics, cases, and discussions will include both accepted and controversial treatment paradigms and will offer novel perspectives and recommendations to all members of the heart valve team.

Cardiac MRI Workshop
**Date:** Spring 2016
The Cardiovascular MRI Workshop is a week-long program that covers the practical applications of Cardiac MRI. Topics include basic MRI principles, cardiac anatomy, late gadolinium enhancement, stress imaging, vascular imaging, case interpretations and troubleshooting of image acquisitions. This program emphasizes the development of practical skills and knowledge, therefore it is limited to small groups. The workshop is geared for cardiologists, radiologists, and technologists who are interested in gaining exposure to CMRI, and attendees can expect to review up to 50 clinical CMRI cases.

3rd Annual Cerebrovascular Symposium
**Dates:** June 10 - 11, 2016
This two-day symposium is designed specifically for neurosurgery residents to learn the essential skills in cerebrovascular and endovascular neurosurgery including basic surgical approaches and endovascular techniques. The first day is an structured didactic session. The second day is a hands-on workshop.

Orthopedics for the Primary Care Physician
**Date:** June 17 - 18, 2016
This program targets primary care physicians and other first-line clinicians. The focus is on the evaluation and management of musculoskeletal issues and injuries.

Houston Methodist Cancer Symposium
**Date:** Augests 12, 2016
This symposium brings together Houston Methodist scientists from a broad spectrum of fields, including basic science, clinical and epidemiological research to facilitate interactive participation with clinicians and scientists to facilitate working in unison towards common research goals.

Cardiovascular Fellows’ Bootcamp
**Dates:** August 19 - 21, 2016
At this condensed weekend course in the fundamentals of cardiovascular sciences, fellows and residents will upgrade their knowledge early in training. The training is targeted for first-year vascular surgery, interventional cardiology, CT surgery, vascular medicine, interventional radiology fellows and third year primary certificate VS residents.
Emerging Topics in Liver Disease
**Date:** September 10, 2016
This one-day symposium will provide insight into new developments in hepatology and new approaches to the management of liver disease.

Cancer Biomarkers Conference
**Dates:** September 10 - 11, 2016
This two-day event features talks from leaders in the field of biomarker discovery and application.

Multi-Modality Cardiovascular Imaging for the Clinician
**Date:** September 16 - 18, 2016
Cardiovascular imaging plays a vital role in the management of the cardiovascular patient. Knowledge of various imaging modalities is critical to understanding their advantages, limitations, and appropriate utilization in patients with ischemic heart disease, heart failure, atrial fibrillation, cardiomyopathy, masses, valvular disease, and aortic disease. This three-day symposium offers the opportunity, in addition to didactic lectures by world experts, to have small group tutorials in each imaging modality, live cases, and demonstration of heart anatomy to better visualize and understand cardiac and valvular structure and enhance correlations with cardiac imaging.

Houston Methodist Spinal Disorders Symposium
**Dates:** September 23 - 24, 2016
This two-day course reviews pathophysiology, patient presentation and treatment options for the most common spinal disorders. It also focuses on the latest approaches in the field of minimally invasive spine surgery.

8th Annual Advances in Neurology
**Dates:** September 30 - October 1, 2016
This two-day program emphasizes the evidence-based strategy for the current treatment of neurological disorders and cutting-edge research in novel neurotherapy techniques.

Current Trends in Cardiovascular Nursing
**Date:** Fall 2016
Treatment of cardiovascular patients is increasingly complex and requires an interdisciplinary approach to provide excellent care. This one-day conference addresses the latest developments in cardiovascular health care and prepare nurses for what is coming next. The goal is to increase nurses’ ability to provide proactive nursing care using enhanced critical thinking skills using a multi-disciplinary approach.

7th Annual Delivering Excellence in Critical Care Conference
**Date:** Fall 2016
This annual one-day conference offers best practices, inspiration and information to meet the needs of ICU nurses. This conference is designed to expand knowledge of best practices in the field of organ donation and transplantation.

Wisdom from the Field: Innovations for Clinical Practice 2016 for Nurses
**Date:** Fall 2016
This two-day program is designed for nurses who care for the neuroscience patient. The goal of this seminar is to provide information that advances nursing knowledge, interventions, complications and new innovations of both neurological and neurosurgical patients. Presentations will be provided by leading neurologists, interventional radiologists, rehabilitation physicians and Houston Methodist partners in health care.

2016 Evidence-Based Practice Symposium for Nurses
**Date:** Fall 2016
Evidence-Based Practice (EBP) Symposium is designed to provide a platform for inter-professional clinicians to share the experiences of their EBP projects. The ultimate goal is improving patient outcomes by translating the research data and making it into practice at bedside. The symposium will provide updated information and skills of practicing EBP.

Radiology for the Non-Radiologist
**Date:** Fall 2016
This is a one-day conference that offers need-to-know information for physicians, residents, physician assistants, nurse practitioners and nurses. The conference is designed to enhance knowledge in radiology and present the latest evidence in imaging and diagnostics.

7th Annual Delivering Excellence in Critical Care Conference
**Date:** Fall 2016
This annual one-day conference offers best practices, inspiration and information to meet the needs of ICU nurses. This conference is designed to expand knowledge of best practices in the field of organ donation and transplantation.

Houston Methodist Lung Cancer Symposium
**Dates:** October 8 - 9, 2016
This two-day symposium focuses on the latest diagnostic tools and treatments for lung disease.

Houston Methodist Lung Cancer Symposium
**Dates:** October 8 - 9, 2016
This two-day symposium focuses on the latest diagnostic tools and treatments for lung disease.

For updated program information, contact us: globaleducation@houstonmethodist.org
Image-Guided Therapy Seminar
Date: October 28 - 29, 2016
Significant advances in the use of imaging for pre-surgical, pre-radiation therapy planning, patient and physician education have led to deficiencies in the understanding and use of post-processing DICOM images as well as interactive tools for better patient outcomes. This two-day program will address these deficiencies by discussing the purpose and the potential of pre-surgical planning and how DICOM datasets with the correct acquisition techniques can be utilized for patient education and creating the optimal surgical approach.

Frontiers in Organ Failure and Transplant Management
Date: November 2 - 4, 2016
The Houston Methodist J.C. Walter Jr. Transplant Center’s annual Carol & Burt Keenan Symposium begins with an in-depth examination of the current care models for patients with advances in hepatocellular carcinoma care.

Pumps and Pipes
Date: December 5, 2016
On a flight back to Houston, a cardiovascular surgeon and the passenger next to him, a drilling engineer, struck up a conversation about their respective professions, discussing a range of topics from blood vessels to extended-reach wells. As the exchange progressed, the heart doctor and engineer realized that underneath the specialized verbiage of each of their industries — whether drilling for oil or performing heart surgery — it’s all a matter of pumps and pipes. Since 2007, ExxonMobil, Houston Methodist DeBakey Heart & Vascular Center (HMDH&VC), University of Houston and more recently NASA, have collaborated on the Pumps & Pipes® Symposium. This one-day annual event brings together leading professionals and researchers in the energy, medicine, academic and aerospace industries, as well as venture capitalists, community leaders and equipment manufacturers, to exchange ideas, and explore crossover technologies.

4th Annual Medical, Surgical and Ethical Management of Alcohol-Related Liver Disease: Expert Opinion of Clinical Challenges
Dates: January 2017
This annual two-day conference provides expert opinions on the medical and surgical management of alcohol-related live disease. Includes ethical, considerations, nutrition Alzheimer’s disease. This is relevant information because relatives of Alzheimer patients are more likely to develop the disease and clinical trials are beginning in which they can be enrolled to try to forestall the disease. This symposium seeks to inform physicians so they can pass this knowledge on to the relatives of patients with Alzheimer’s disease.

Houston Heart Failure
Date: February 2017
This one-day program presented by the DeBakey Institute for Cardiovascular Education & Training will provide a comprehensive update on the prevention, diagnosis and management of heart failure. Experts in the field will present topics as well as panel discussions and case-based presentations. This session will cover the most recent novel treatments for chronic heart failure, pulmonary hypertension and hospital admissions. Participants will be given the tools to take part in the goal of improving the care of patients with heart failure.

Nantz National Alzheimer Center Symposium
Date: February 2017
Currently most physicians are not advising patient’s families about what is known about the long period (more than ten years) that precedes the onset of Alzheimer’s disease. This is relevant information because relatives of Alzheimer patients are more likely to develop the disease and clinical trials are beginning in which they can be enrolled to try to forestall the disease. This symposium seeks to inform physicians so they can pass this knowledge on to the relatives of patients with Alzheimer’s disease.

Frontotemporal Dementia Symposium
Date: February 2017
This one-day symposium will focus on the developments in the field of frontotemporal dementia.

Seventh Annual Collaborative Donation & Transplantation: Both Sides of the Coin
Date: February 2017
This one-day program provides current information about donation and transplantation in the US and local community. Attendees will hear from transplant recipients, donor families and those who are waiting for a second chance at life.

8th Annual Re-Evolution Summit - Minimally Invasive Cardiac Surgery (MICS): The Ultimate Hands-On Summit
Dates: March 2017
Cardiac surgery is undergoing a significant paradigm shift toward increasing minimal access surgery within all subspecialty areas of practice. These include interventions for cardiac valve repair, coronary revascularization, ablation of atrial fibrillation, aortic pathology and heart failure. Training in these minimally invasive techniques is important to better serve patients, improve outcomes and maintain a competitive advantage. The goal of this conference is to provide up-to-date evidence-based didactic lectures along with expert-instructed hands-on exposure to the latest in all aspects of minimal access cardiac surgery with an emphasis on hybrid approaches.

World Conference on Cerebral Blood Flow Diversion
Dates: March 2017
This two-day conference is dedicated to clinical management of intracranial aneurysms with flow diversion. The first day, participants will be able to learn the principles and techniques of flow diversion, indications and alternative (adjunct) treatment options, device selection and challenges, and clinical trials on new devices. On the second day there will be live clinical cases in the morning and a hands-on workshop on swine models in the afternoon. Participants will be able to perform endovascular procedures in aneurysm models and perfect their skills in device deployment.
**Customized Professional Development Programs**

Houston Methodist Global offers unique, customized professional development programs for health care professionals. Because every learner is different, no two programs are alike. Existing programs include:

**Biomedical Engineering**
This customizable multi-week program is designed to enhance job functions and further develop leadership and management abilities within the biomedical engineering environment. The program includes direct contact with Biomedical Engineering leaders and experts, participation at committee meetings regarding Biomedical and IT collaboration, project-based training, and support in pursuing a certification with AAMI and SIIM.

**Environmental Services**
This customizable multi-week program is aimed at providing the learner with the necessary competencies required to effectively execute each role within Environmental Services, including housekeepers, supervisors, managers, assistant directors and director.

**Facilities Management**
This customizable multi-week program is designed to enhance the learner's current job functions and further develop their abilities within a Facilities Services work environment. The participant will develop strong technical and managerial expertise in the areas such as building management systems, IT, disaster response and general utilities.

**Food and Nutritional Services**
This customizable multi-week program is aimed at enhancing job functions and further developing leadership and management abilities within a Food and Nutritional Services work environment. The learner will develop strong leadership and management skills, such as conducting internal audits to ensure food safety policies are followed, menu development and variety, and in-room dining options.

**Healthcare Administration**
This customizable multi-week program is designed for the learner to understand hospital operations management at an executive level, including strategy for operations, finance and IT, and refining leadership skills.

**Human Resources and Talent Management**
This customizable multi-week program focuses on strategy within personnel development, compensation and benefits, organizational development, employee retention, and best practices.

**Infection Control**
This customizable multi-week program is designed to improve infection control skills for providing a systematic, coordinated process to improve performance and to identify, prevent or control transmission of infection among patients, staff, and visitors.

**Laundry & Housekeeping**
This customizable multi-week program focuses on enhancing the learner’s current job functions and further develop abilities within a Laundry Management Services work environment. Focus areas include laundry and linen distribution, laundry process flow and general housekeeping procedures.

**Leadership and Financial**
This customizable multi-week program focuses on strategy within budget development, quality within patient billing, and best practices.

**Leadership and Financial**
This customizable multi-week program focuses on strategy within budget development, quality within patient billing, and best practices.

**Patient Relations and Case Management**
This customizable one-week program focuses on improving guest relations skills to improve patient satisfaction, with rotations in patient relations and case management staff.

**Quality, Patient Safety, and Accreditation**
This customizable one-year program focused on quality indicators, accreditation, and the business of health care. The learner rotates through Process Engineering, System Quality Initiatives (Pharmacy), Risk Management, Quality Performance Improvement, System Quality Accreditation and Regulatory Affairs, Infection Prevention and Control, Quality Assurance and the Institutional Review Board.

**Security**
This customizable multi-week program focuses on enhancing the learner's current job functions and further develop abilities within a Laundry Management Services work environment. Focus areas include laundry and linen distribution, laundry process flow and general housekeeping procedures.

**Sterile Processing**
This customizable two-week program focused on quality indicators, sterilization policies and procedures, and the business of health care.

**Supply Chain**
This customizable multi-week program is designed to enhance the learner's current job functions and further develop their abilities within a Supply Chain work environment.

**I LEAD**

**Dates: April 11 - 15, November 7 - 11, 2016**

CME Credit: Maximum 30.25 AMA PRA Category 1 Credit

The International Leadership Experience and Development (I LEAD) program is an exclusive program designed specifically for physicians, nurses, and health care administrators from around the globe. This robust program equips emerging leaders with tools to lead real organizational change and achieve tangible results. Participants 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 Experience**

**Dates: contact us**

The Houston Methodist Experience is a one-day program that teaches a new way of looking at and working in health care. The goal is to provide an exceptional culture of personalized service, satisfaction, and engagement for our patients, families, employees, and physicians. The program builds on the solid foundation of our medical expertise, our I CARE values and our dedication to exceptional patient care. At the end of the program the learner will understand the steps to creating a positive experience.

**Leadership Conversation Series**

In our pursuit to provide our leadership team at Houston Methodist with exposure to leaders in various fields, we invite leaders from across the country, and within our own hospitals, to present their life’s journey, along with the decisions and situations that have carved out the career path they have created. This hour-long conversation is meant to serve as an opportunity for leaders to share how the path they chose brought them to what they are doing today as well as who and what influenced the choices they have made.

**Leadership Academy**

This multi-module cohort series of courses is designed to develop the next generation of leaders. Target audience: Charge/Lead/Supervisor/Manager. Participants receive information and tools to improve supervisory skills.
New Management Orientation

Dates: contact us
This two-day program is designed to quickly and effectively launch new managers and directors into their roles by providing tools and resources to effectively lead. Highlights include:

• Leadership Competencies
• Roles and Responsibilities
• Key Management Tools and Resources
• Technical Systems Training
• Networking Across the System

DeBono Thinking Framework – Six Thinking Hats and Lateral Thinking

Dates: contact us
This one-day program is designed to teach a simple, effective parallel thinking process to help the learner be more productive, focused, and mindfully involved. The learners will learn how to separate thinking into six clear functions and roles, and understand how to switch roles easily to become more effective.

Change Management – Coaching for Managers/Directors

Dates: contact us
This one-day program is for managers and supervisors who are helping staff transition through change. The course focuses on the power of individual coaching, how to avoid common manager mistakes and techniques for managing resistance.

Crucial Conversations – based on the bestselling book

Dates: contact us
This one-day program is based on the best-selling book, Crucial Conversations, and designed for anyone who needs to develop crucial conversation skills. The goal is to help the learner handle conversations that occur when the stakes are high, emotions run strong and opinions vary.

Process Mapping – Process Improvement

Dates: contact us
This half-day program is designed to learn how to create high level process maps - SIPOC diagrams to demonstrate comprehension of concepts, symbols, and scope of process - oriented projects. The class includes detailed process mapping and live demo of Microsoft Visio.

Nursing Leadership

Charge Nurse Enrichment

Dates: January 20, February 2, March 2, 2016
This enrichment course provides an ongoing opportunity for Charge Nurses to explore in detail the skills needed to fulfill the role. The focus of the course changes each session.

Charge Nurse Leadership

Dates: February 2, April 6, 2016
This is the foundational course for nurses beginning to function in the charge nurse role. The purpose of this course is to provide nurses who assume the Charge Nurse role an opportunity to explore applicable standards of practice, legal issues, and organizational expectations, leading to a greater understanding of the job functions and responsibilities. Application of strategies for communication and decision-making will facilitate charge nurses’ effective assumption of this frontline leadership role.

Bedside Leadership

Dates: February 18 - 19, 2016
This program is to provide clinical staff with information needed to develop communication and leadership skills needed to contribute to unit based evidence-based practice, quality, operational excellence, fiscal stewardship, and staff development initiatives.

Houston Methodist Global offers unique, customized professional development programs for health care professionals. Because every learner is different, no two programs are alike. Past programs include:

• Health care administration
• Quality and patient safety
• Environmental services
• Food services
• Case management
• Patient relations
• Talent management
• Laundry and housekeeping
• Pharmacy management
Houston Methodist has regular tumor board meetings and Grand Rounds for the following specialties:

<table>
<thead>
<tr>
<th>Specialty</th>
<th>Frequency</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anesthesia</td>
<td>monthly</td>
<td>4th Wednesday</td>
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<tr>
<td>Breast</td>
<td>weekly</td>
<td>Tuesday</td>
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<tr>
<td>Citywide Hematology</td>
<td>weekly</td>
<td>3rd Thursday</td>
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<tr>
<td>CNS (Adult Brain)</td>
<td>monthly</td>
<td>3rd Thursday</td>
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<tr>
<td>Colorectal</td>
<td>weekly</td>
<td>Thursday</td>
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<tr>
<td>Digestive Diseases</td>
<td>weekly</td>
<td>Friday</td>
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<tr>
<td>Gastrointestinal</td>
<td>monthly</td>
<td>2nd Tuesday</td>
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<tr>
<td>Gynecologic Oncology</td>
<td>weekly</td>
<td>Wednesday</td>
</tr>
<tr>
<td>Head &amp; Neck</td>
<td>monthly</td>
<td>1st Monday</td>
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<tr>
<td>Heart &amp; Vascular</td>
<td>weekly</td>
<td>Thursday</td>
</tr>
<tr>
<td>Leukemia</td>
<td>bi-weekly</td>
<td>1st and 3rd Monday</td>
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<tr>
<td>Liver</td>
<td>weekly</td>
<td>Wednesday</td>
</tr>
<tr>
<td>Lymphoma</td>
<td>bi-weekly</td>
<td>2nd and 4th Monday</td>
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<tr>
<td>Medicine</td>
<td>weekly</td>
<td>Tuesday</td>
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<tr>
<td>Molecular</td>
<td>monthly</td>
<td>4th Wednesday</td>
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<tr>
<td>Musculoskeletal</td>
<td>monthly</td>
<td>2nd Monday</td>
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<tr>
<td>Nephrology</td>
<td>weekly</td>
<td>Wednesday</td>
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<tr>
<td>Non-colorectal</td>
<td>weekly</td>
<td>Monday</td>
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<tr>
<td>Non-colorectal GI</td>
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<td>Monday</td>
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<tr>
<td>OB/Gyn</td>
<td>weekly</td>
<td>Wednesday</td>
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<tr>
<td>Oncology</td>
<td>monthly</td>
<td>1st Tuesday</td>
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<tr>
<td>Ophthalmology</td>
<td>monthly</td>
<td>3rd Friday</td>
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<tr>
<td>Orthopedic Sports</td>
<td>weekly</td>
<td>Wednesday</td>
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<td>Pathology</td>
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<tr>
<td>Thoracic</td>
<td>weekly</td>
<td>Tuesday</td>
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<tr>
<td>Triple Negative Breast</td>
<td>monthly</td>
<td>3rd Tuesday</td>
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<tr>
<td>Surgery</td>
<td>weekly</td>
<td>Wednesday</td>
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</tbody>
</table>

Note: For the protection of our patients, all participants must be approved in advance by departmental leadership.

Houston Methodist offers 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 dedicated to procedural skills and development of image-guided technology.

**Clinical Procedural Skills - Simulation Training**

**Advanced Therapeutic Flexible Endoscopy**
Instructor: Brian Dunkin, MD, FACS  
Date: contact us  
This course is focused on advancing the practice of therapeutic endoscopy to improve patient care. Basic skills in flexible endoscopy are required. Expert instruction utilizing hands-on training models is provided. The program can be modified to the individual physician’s needs. Potential topics include polypectomy, GI bleeding, enteral stents (upper and lower), clips, and enteral access. An emphasis is made on how to use flexible endoscopy to manage difficult surgical problems including post bariatric leaks and fistulas.

**Complex Laparoscopic Sleeve Gastrectomy**
Instructor: Vadim Sherman, MD, FACS, FRCSC  
Date: contact us  
This is a one-day interactive course on dealing with complex cases and complications associated with laparoscopic sleeve gastrectomy. World class faculty use case presentation, procedure videos and panel discussion to explore strategies to avoid and manage complications. The program also includes a hands-on tissue lab to rehearse technical “tips-and-tricks”.

**Difficult Airway Management**
Instructor: Shaikh Hai, MD, FACS  
Date: contact us  
Difficult Airway Management is ideal for individuals involved in emergency medicine (physicians, paramedics, emergency department staff, EMT’s and other EMS first responders) who are required to rapidly establish airway access. Hands-on rehearsal using sophisticated models is emphasized.

**Microsurgery Advanced Course**
Instructor: Nilson Salas, MD  
Date: contact us  
This course offers eight hours of intensive training in microsurgical techniques through one-on-one instruction and supplemental videos. The course’s intent is to lead participating residents, fellows and practicing surgeons to mastery of fundamental microsurgical techniques such as: dissection, resection, manipulation and small vessel repair.
Microsurgery Mini-Fellowship  
Instructor: Nilson Salas, MD  
Dates: contact us

The four-day Microsurgery Mini-Fellowship provides 32 hours of intensive microsurgical training tailored to the specific needs of the learner’s practice and experience level. One-on-one instruction using a variety of animate and inanimate tissue models is emphasized. The intent of this course is to lead practitioners with varying levels of experience in microsurgical technique to the next level of competency.

Postsurgery Pain Management  
Instructor: Brian Dunkin, MD, FACS  
Date: contact us

Most surgeons are not applying the latest multimodal therapy to manage pain preoperatively. This course will instruct general, colorectal, thoracic, and gynecologic surgeons on the use of IV NSAIDS and acetaminophen, gabapentin, and long-acting local anesthetics as adjuncts to narcotic use for managing post-operative pain. A hands-on porcine lab is also provided to gain experience in the administration of long acting local anesthetics using transversus abdominus plane (TAP) blocks (Laparoscopic and ultrasound guided), and fascial infiltration. These techniques reduce post-surgical pain after thyroid/parathyroid, breast, abdominal, and inguinal surgery.

Surgeon-Led DaVinci Robotic Surgery  
Instructor: Christopher Hobday, MD  
Date: contact us

The Robotic Surgery Course consists of eight hours of covering topics in OBGYN Robotic Surgery including Fundamentals, Basic and Advanced Surgical Procedures. The Fundamentals module covers proper utilization of the DaVinci robot in the specialty surgery. Intuitive Surgical’s Online Training System complements the Fundamentals section and is a pre-requisite for the course. This course is designed for surgeons who are trying to enhance technical skills. Hands-on laboratory rehearsal under expert guidance is emphasized.

Video-Assisted Thoracic Surgery (VATS)  
Instructor: Min Kim, MD, FACS  
Dates: contact us

This two-day course is offered to thoracic surgeons only. It provides didactic presentations and hands-on instruction about the clinical management and technical performance of video-assisted thoracic surgery for practicing surgeons. Detailed laboratory instruction by expert surgeons using sophisticated tissue blocks for hands-on training is also provided.

Global Lecture Series

The Houston Methodist “Leading Medicine” lecture series is an unrivaled opportunity for health care professionals to gain access to health care education, without the expense of traveling abroad. Participating institutions receive rich presentations using videoconferencing technology on contemporary health care topics by clinical and administrative leaders from Houston Methodist. Unlike other medical conferences around the world, this lecture series focuses on key topics specifically requested by our international partners. Each lecture concludes with an interactive session, where participants can engage directly with the speaker to discuss questions about the lecture topic.

Bioethics Education Series

Healthcare for the Excluded: Partnership for Public Health  
Date: September 21, 2016

For updated program information, contact us: globaleducation@houstonmethodist.org
Residency and 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 and are highly competitive. 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.

Customized Clinical Development Programs

Houston Methodist Global offers unique, customized clinical development programs for physicians and surgeons. Because every learner is different, no two programs are alike. One-week or multi-week programs focusing on observation, didactics and physician discussions are available by specialty. The programs may occur around a Houston Methodist conference or symposium. Existing programs include:

- Cardiac MRI
- Cardiovascular Imaging
- Cardiovascular Surgery
- Echocardiography
- Electrophysiology
- Gynecology
- Hepatology
- Medical Oncology
- Neurosurgery
- Neurology
- Transplant Surgery

For updated program information, contact us: globaleducation@houstonmethodist.org
As a Magnet designated institution, Houston Methodist is committed to advancing the art and science of nursing worldwide, through research and education. We are experts at consulting with organizations who wish to obtain Pathways to Excellence and Magnet designations. Contact us for a customized consultation program.

Houston Methodist Hospital is embarking on its fourth redesignation for Magnet.

Customized Clinical Development Programs
Houston Methodist Global offers unique, customized clinical development programs for nurses. Because every learner is different, no two programs are alike. One-week or multi-week programs focusing on observation, didactics and discussions are available by specialty. The programs may occur around a Houston Methodist conference or symposium. Existing programs include:

- Advanced Practice Nursing Fellowship
- Nursing Fellowship
- Nursing Leadership
- Nursing Observership
- Intensive Care

Orientation

EKG
Dates: Monthly, Contact us
This three-day course is designed as a basic EKG on-line course moderated by a faculty member, which provides a step-by-step, interactive approach with a focus on specific key aspects of EKG interpretation. The course covers basics EKG including: Cardio A&P, EKG Interpretation basics, Sinus, Atrial, Junctional, Ventricular, Heart Block and Pacemaker Rhythm categories.

Patient Safety
Dates: Bi-monthly, Contact us
This class lays the foundation for Best Practice (Patient Safety Culture) at Houston Methodist. Human factors related to patient adverse events are identified and integrated into case studies used in class discussion.

Code Blue
Dates: Bi-monthly, Contact us
This course is a two-hour workshop that validates newly hired licensed RN’s knowledge and skills that are required when responding to a Code. The participant must demonstrate high quality CPR and use of the AED in order to successfully complete the course. Review of the external pacemaker and use of defibrillator paddles are reviewed and demonstrated.

New Nurse Orientation (ELITE – Engaging Leaders in Team Excellence)
Dates: Monthly, Contact us
New Nurse Orientation consists of five one-day modules using a combined team approach effort which allows new nurses to meet as a whole and obtain pertinent information specific to nursing. The orientation provides the venue to support the Houston Methodist culture, safety initiatives, and regulatory requirements necessary for on-boarding, evaluate competencies and provide resources to newly hired staff.

Cardiology
Dates: Contact us
This one-day course covers cardiac nursing including cardio-vascular system assessment, management of acute coronary syndrome and end stage heart disease.

Diabetes/Lipids/Obesity
Dates: Contact us
This course is designed specifically for those who care for patients with diabetes. The educational sessions will address competencies needed to demonstrate skill with pathophysiology and clinical practice guidelines in the care of the patient and their family with diabetes, its related co-morbidities and complications. The importance of working with the interdisciplinary team to tailor interventions to specific needs of the patient and their family will be emphasized.

Neuroscience
Dates: April 20 - 22, September 14 - 16, 2016
This three-day course focuses on preparing the novice nurse to work in the field of neuroscience, as well as preparing experienced nurses to change specialties and work in neuroscience nursing.

Oncology
Dates: Contact us
This introductory three-day course focuses on preparing new nursing graduates to work in the field of oncology nursing as well as preparing experienced nurses to change specialties and work in oncology nursing.

Transplant
Dates: Contact us
This three-day course provides evidence-based information about the physiologic and psychosocial processes that characterize patients who are candidates for and undergo solid organ transplant. Nurses attending this course should be better prepared to anticipate the care needs, recognize changing conditions and initiate interventions for transplant patients along the continuum of care. Organ systems covered include heart, lung, liver, kidney and pancreas.

Transition to Practice

Failure to Rescue
Dates: Contact us
This course is designed for newly hired nurses or nurses changing to a different specialty to integrate experiential and active learning and to incorporate learning new evidence-based content and re-learning of content that the nurses have learned in their nursing programs. This course is an eight-hour class in which the participant applies protocols, best practice recommendations and proactive nursing strategies aimed at prevention.

For updated program information, contact us: globaleducation@houstonmethodist.org
**Chemotherapy Administration**

**Date: Contact us**

This one-day course focuses on the commonly used chemotherapy and biotherapy drugs at Houston Methodist Hospital. Included are discussion of the drug side effects, determination of the Body Surface Area, calculation of the safe dose range for those therapies and a hands-on classroom simulation of chemotherapy administration.

**CPR Health Care Provider**

**Dates: Contact us**

This course is the American Heart Association accredited renewal course on basic life support. In the United States, it is required every two years for licensed health care providers with direct patient care responsibilities.

**CPR Skills Check**

**Dates: Contact us**

These sessions are for individuals who have completed the American Heart Association online Health Care Provider course. Following acceptable demonstration of basic CPR skills, a Health Care Provider card is issued to the participant.

**ACLS Provider**

**Dates: Contact us**

This two-day course is the American Heart Association accredited course for those professionals who do not currently hold ACLS (Advanced Cardiac Life Support) certification. The purpose of the ACLS course is to provide health care professionals with the knowledge and skills necessary to know and perform in the first ten minutes of an actual resuscitation.

**ACLS Renewal**

**Dates: Contact us**

This course is the American Heart Association accredited renewal course for current ACLS certified professionals and will provide the knowledge and skills necessary to know and perform in the first ten minutes of an actual resuscitation.

**Managing Changing Patient Conditions**

**Dates: Contact us**

This two-day course provides a venue for practice and validation of critical thinking and assessment skills needed to care for complex patients. Nurses attending this course will be better prepared to provide early and appropriate intervention to decrease the incidence of unexpected transfers to higher levels of care and improve clinical outcomes for patients.

**Non-Violent Crisis Intervention - CPI**

**Dates: Contact us**

This one-day program is a safe, non-harmful behavior management system designed to aid human service professionals in the management of disruptive and assaultive people, even during the most violent moments.

**Current Management of Cardiopulmonary Arrest**

**Dates: Contact us**

This course is designed for staff to learn to enhance their skills in treating adult victims of cardiac arrest and other cardiopulmonary emergencies using the current guidelines.

**Current Mechanical Ventilation Management**

**Dates: Contact us**

This course will include indications for mechanical ventilation, types of ventilators, modes, controls and settings, what to do with alarms, the role of nurses and the guidelines for weaning patients.

**12 LEAD ECG Interpretation**

**Dates: Contact us**

This course is for staff to learn the fundamental concepts of 12 LEAD ECG, seven-steps of interpretation and the five common electrocardiographic abnormalities and their care management. The staff will be provided opportunity to practice on actual 12 LEAD ECG samples to understand the concept of interpretation.

**Nursing Education Essentials for Excellence**

**Dates: Contact us**

This program is designed as a five-day, skill intensive training course to build and refine skills necessary to be successful in nursing. Highlights of the course include leadership and education, collaborative patient care delivery, workplace environment and community presence, evidence-based practice, innovation and technology and financial health.

**Leadership**

**Charge Nurse Enrichment**

**Dates: Contact us**

This enrichment course provides an ongoing opportunity for Charge Nurses to explore in detail the skills needed to fulfill the role. The focus of the course changes each session.

**Charge Nurse Leadership**

**Dates: April 6, 2016**

This is the foundational course for nurses beginning to function in the charge nurse role. The purpose of this course is to provide nurses assume the Charge Nurse role an opportunity to explore applicable standards of practice, legal issues, and organizational expectations, leading to a greater understanding of the job functions and responsibilities. Application of strategies for communication and decision-making will facilitate charge nurses’ effective assumption of this frontline leadership role.

**Bedside Leadership**

**Dates: Contact us**

This program is to provide clinical staff with information needed to develop communication and leadership skills needed to contribute to unit based evidence-based practice, quality, operational excellence, fiscal stewardship, and staff development initiatives.
### Cardiac MRI Workshop
**Date:** Spring 2016
The Cardiovascular MRI Workshop is a week-long program that covers the practical applications of Cardiac MRI. Topics include basic MRI principles, cardiac anatomy, late gadolinium enhancement, stress imaging, vascular imaging, case interpretations and troubleshooting of image acquisitions. This program emphasizes the development of practical skills and knowledge, therefore it is limited to small groups. The workshop is geared for cardiologists, radiologists, and technologists who are interested in gaining exposure to CMRI, and attendees can expect to review up to 50 clinical CMRI cases.

### Legal Aspects for Newly Licensed Nurses
**Dates: Contact us**
This course is designed for newly hired nurses or nurses changing to a different specialty to integrate experiential and active learning and to incorporate learning new evidence-based content and re-learning of content that the nurses have learned in their nursing programs. This is a four-hour class emphasizing the newly licensed nurse's role in providing safe, effective care.

### Respiratory Management
**Dates: Contact us**
This course is designed for newly hired nurses or nurses changing to a different specialty to integrate experiential and active learning and to incorporate learning new evidence-based content and re-learning of content that the nurses have learned in their nursing programs. This is a four-hour clinically focused session in which the participant applies respiratory knowledge.

### Customized Clinical Development Programs
Houston Methodist Global offers unique, customized clinical development programs for allied health professionals to gain hands-on experience for certified learners. Because every learner is different, no two programs are alike. One-week or multi-week programs focusing on observation, didactics and discussions are available by specialty. The programs may occur around a Houston Methodist conference or symposium. Existing programs include:
- Advanced Imaging
- Anesthesia Technologist
- Clinical Pharmacy
- Pharmacy - Drug Information
- Radiology Technologist
- Physical Therapy ICU
- Physical Therapy in Oncology

### COURSE CALENDAR

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For an updated course catalog:
houstonmethodist.org/globaleducation