UTHEALTH HOUSTON
CLINICAL RESEARCH UNIT

Medical Co-Directors

Miguel A. Escobar, MD
Professor
Department of Pediatrics and Internal Medicine
Medical Director Gulf States Hemophilia and Thrombophilia Center

Josh L. Gary, MD
Associate Professor
Department of Orthopaedic Surgery

John Foringer, MD
Professor
Department of Internal Medicine and Renal Diseases
Administration

**Director**
Kathy Franco, BSN, RN, CCRC

**Nurse Manager**
Theresa Dancsak, MSN, RN

**Financial Manager**
Cristina Dyke, BA

**Nurse Educator**
Estela Acosta, BSN, RN

Clinical Research Unit (CRU) Team

**Research Nurse/Coordinator**
Estela Acosta BSN, RN
Carla Wilkerson BSN, RN
Krystle Oliver BSN, RN
Cynthia Sturm BSN, RN

**Research Nurse**
Jackie Skaggs-Friesenhahn BSN, RN

**Lab Research Assistant**
Candace Hernandez, BS

**Scheduling Coordinator**
Diego Moreno, BA

**Business Administrator**
Ann Ince, BA
UTH CCTS

UTH and LBJ Clinical Research Units

Medical Directors
Miguel Escobar, MD, Josh Gary, MD, and John Foringer, MD

Clinical Operations Director
Kathy Franco, RN

Nurse Manager
Theresa Dancsak

Business Manager
Cristina Dyke

Laboratory Manager

Nursing and Coordinator Staff

Front Office Staff

Laboratory Staff
All Nurses and Coordinators

Facility
(Where do we grow)

- 5 Outpatient and 4 Inpatient rooms
- Chart room and physician charting area
- EKG and sponsored-provided machine storage
- Lab processing
CRU Services

• Consulting support in early stages of protocol development or initiation
• Coverage Analysis and UT Budget development
• Research training and education
• In-patient and out-patient clinic space
• Nursing and/or Research training and education services
• Screen, Consent and recruiting subjects
• Lab services including cell reconstitution and nitrogen storage
• Pharmacokinetic (PK) sampling timed blood draws
• Investigational drug administration
• Phase 1 trials, Investigational vaccine therapy, and Biotherapies/Chemotherapies
• Petty Cash
• Regulatory monitoring

Teamwork is our game
Flexibility is our name

CRU without Walls

• Patient visits involving the CRU team may be located within our unit or in other MHHS clinical areas such as ER, OR, ICUs, inpatient pavilions, MH imaging suites, and MHHS outpatient clinics
• UT 3TMRI support
• UTPB outpatient clinics, UT School of Dentistry, and Mental Science Institution
• TIRR and LBJ
• MHHS and LBJ credentialed nurses for trial medication administration, consenting, blood draws, EKG assessments, and vital sign assessments
• The CRU team is an active player in bringing multi-UT institutional clinical trials to the UT system
CRU Accomplishments in the Development of Research at UTH

- Registration Pilot
- Center for Clinical Investigators (CCI)
  - UT/CA spreadsheet revised
  - Developed CRF Team
  - Redcap for UT CTMS
- Developed Research Orientation
- Began Research Fellowship Training for UT Coordinators
- I2b2 advertising and increased utilization
- TRCC- UT System
  - Metrics created for System Velos
  - CTX Navigator – 2/6 active studies in UT CRU (5/7 new opening)
  - SOP’s and Business Plan
- Trial Innovation Network National Studies
  - 5 studies

PI Accomplishments

- Cox  Pedi Surgery - TBI Stem Cell Phase I
- Reveille  Rheumatology - Ankylosing Spondylisis Gene
- Milewicz  Cardiology - Jr PI receives NIH grant
- Gary  Orthopedics - Jr. PI $3M METRCS
- Schiess  Neurology – Parkinson’s Stem Cell Phase I
- Rhoads  Pediatrics-NIH Grant Lactobacillus reuteri
- Lindsey  Neurology- FDA first approved drug for MS
- Ruppe  Genetics (Adult /Pedi) FDA New drug
- Northrup  Genetics (Adult /Pedi) FDA New drug
- Gay  Dental School –Jr. PI development - Dean
- Mehta  Anesthesia – FDA New use for pain med drug
CRU Performance
2013 - 2018

Income Industry vs. NIH
UT CRU at MHH: Revenue by Division in 2018

<table>
<thead>
<tr>
<th>Division</th>
<th>Total</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Medicine</td>
<td>$10,00</td>
<td>0.00%</td>
</tr>
<tr>
<td>Gulf States Hemophilia Center</td>
<td>$4,20</td>
<td>0.10%</td>
</tr>
<tr>
<td>Internal Medicine - Cardiology</td>
<td>$38,444.70</td>
<td>9.50%</td>
</tr>
<tr>
<td>Internal Medicine - Critical Care</td>
<td>$7,341</td>
<td>1.78%</td>
</tr>
<tr>
<td>Internal Medicine - Gastroenterology</td>
<td>$4,093.75</td>
<td>0.99%</td>
</tr>
<tr>
<td>Internal Medicine - General Division</td>
<td>$1,145.67</td>
<td>0.38%</td>
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<tr>
<td>Internal Medicine - Geriatrics</td>
<td>$4,609.00</td>
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<tr>
<td>Internal Medicine - Hematology</td>
<td>$7,884.50</td>
<td>1.91%</td>
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<tr>
<td>Internal Medicine - Infectious Disease</td>
<td>$7,683.75</td>
<td>1.78%</td>
</tr>
<tr>
<td>Internal Medicine - Medical Genetics</td>
<td>$371.45</td>
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<tr>
<td>Internal Medicine - Oncology</td>
<td>$2,252.50</td>
<td>0.55%</td>
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<tr>
<td>Internal Medicine - Renal Diseases</td>
<td>$25,294.75</td>
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<tr>
<td>Internal Medicine - Rheumatology</td>
<td>$22,382.25</td>
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<tr>
<td>Neurology *</td>
<td>$156,887.85</td>
<td>37.43%</td>
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<tr>
<td>Neurosurgery</td>
<td>$31,831.50</td>
<td>7.71%</td>
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<tr>
<td>Ob/Gyn-Adult Hemat Oncol</td>
<td>$3,812.75</td>
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<tr>
<td>Orthopaedic Surgery</td>
<td>$1,510.75</td>
<td>0.37%</td>
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<tr>
<td>Otolaryngology/MH Surgery</td>
<td>$30,456.45</td>
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<tr>
<td>Pathology And Laboratories Med</td>
<td>$3,817.00</td>
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<tr>
<td>Pediatric Surgery - Plastic Clinic</td>
<td>$1,562.50</td>
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<tr>
<td>Pediatrics - Anesthesiology</td>
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<td>Pediatrics-Cardiology UPS 425</td>
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<td>Pediatrics-Dentistry</td>
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<tr>
<td>Pediatrics-Infectious Diseases</td>
<td>$2,967.50</td>
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<td>Pediatrics - Neurology</td>
<td>$3,375.25</td>
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<td>Surgery-Organ Transplantation</td>
<td>$590.00</td>
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<td>MHH - Dr. Sharma and Rosales</td>
<td>$56,018.97</td>
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** Total: $458,119.49 100.00% **

* Actual CRU charges through August 2018.

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UT CRU at MHH: Cost-Saving by Division

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<tr>
<th>Department</th>
<th># of Projects</th>
<th>Name</th>
<th>Financial Admin</th>
<th>Total</th>
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<tbody>
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<tr>
<td>Neurology</td>
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<td>62,900</td>
<td>62,900</td>
<td></td>
</tr>
</tbody>
</table>

** Total: 56 1,234,000 240,000 1,474,000 **

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* Average in Houston - Research Nurse Salary: $58,175 - $85,827
** Average in Houston - Research Coordinator: $68,913 - $81,624
*** Average in Houston - Research Administrator: $45,642 - $75,545
**** UTHealth is investing $99,822.08 in the CRU to save $5,675,998
ANY QUESTIONS?