Rotation Schedule

Clinical Blocks: Each fellow has 15 clinical rotations in 4-week blocks (60 weeks total).

Year 1
- 0.5 rotation in Newborn Nursery at Parkland (2 weeks)
- 4.5 rotations in NICU at Parkland NICU
- 0.5 rotation in High-Risk Obstetrics (2 weeks)
- 1.5 rotation in Labor and Delivery at Parkland
- 1 rotation in NICU at Children's NICU

Year 2
- 1-2 rotations in NICU at Parkland
- 1-2 rotations in Children's NICU
- 1 rotation at Children's CV-ICU

Year 3
- 1 rotation in NICU at Children's NICU
- 1 rotation in NICU at Parkland NICU (acting-attending rotation)
- 1 rotation at Low Birth Weight (Follow-up Clinic)

Rotation in Labor and Delivery Room: Myra Wyckoff, M.D., an internationally acclaimed physician in neonatal resuscitation research, directs a very unique resuscitation rotation, which includes exposure to a computerized patient simulator, NRP certification and training, participation in resuscitation research, review of the literature, attendance at high-risk deliveries, and transfer to and admission of high-risk infants to the NICU. This rotation includes three weeks of work during day time and three weeks of night float.

Other Blocks:
- Vacation: Each fellow has 3 weeks of vacation per year
- Protected Time: Each fellow has 20 months of protected time for scholarship activities (research, board preparation) and elective rotations. The amount of time increases from the first to the third year, and is clustered to enhance productivity.
- Elective Rotations:
  - Newborn nursery rotation: training and certification in circumcision
  - Follow-up rotation: additional exposure to the Low Birth Weight Clinic
  - Anesthesiology rotation: one week exposure to airway and vascular access procedures in the operating room at Children's Medical Center
  - Purple Team rotation: NICU rotation at Parkland Memorial Hospital with intensive exposure to neonatal procedures
  - Transport rotation: 4 weeks of exposure to neonatal and infant transport
  - CCN (step-down unit) rotation: 1 week exposure to the step down unit at Parkland Memorial Hospital, including preparing the neonate for discharge from the NICU and communicating with the family, the follow-up team and primary care provider
  - ECMO rotation: exposure to ECMO cannulation in NICU and PICU and ECMO maintenance in PIUC
  - Clements University Hospital NICU rotation
  - Palliative care/FETAL rotation
**On-calls and duty hours:**
The training program is fully compliant with the ACGME duty hour regulations.

At the very beginning of the fellowship each fellow has 3 "buddy calls," during which he/she is shadowed by a senior fellow, preceding "solo" calls at the Parkland NICU. Each fellow has 2 buddy overnight calls during the cardiovascular intensive care unit rotation.

In order to optimize research activities, calls are clustered during clinical blocks (7 calls per block or every fourth night) and less frequent (4 calls per block in the first year, 3 calls per block during the second and third years) during research blocks.

Each fellow has on one call-free research block every year, and one additional block with only one call (on year one) for preparing for the American Board of Pediatrics examination.

Each fellow has a total of 158 calls (including "buddy calls") during the training program, with an average of 4.4 calls per month, or one call every 6.9 nights.

The number of calls decreases with the number of years of training: 5 calls per month (1 call every 6.1 nights) during the first year, 4.3 calls per month (1 call every 7.2 nights) during the second year, and 3.9 calls per month (1 call every 7.8 nights) during the third year.

The number of on-calls and the number of clinical rotations do not depend on the number of fellows in the program at any time.

**Coursework & Conferences**

**Required Coursework**

- **Fellows' Physiology Course** (Thur 08:00-09:00, first and third Thursdays of each month)
  - **Curriculum**
  - Presentations by fellows and faculty covering all aspects of development, physiology and pathology relative to the fetus and neonate. The curriculum is designed to be completed over a 3 year period. Directed by Dr. Charles Rosenfeld

- **Biomedical Statistics**
  - Formal course in introductory conceptual statistics, taken during the second and/or third year. Directed by faculty in Department of Clinical Sciences.

- **Epidemiology and Evidence-Based Medicine** (Thur 08:00-09:00, 2nd and/or 4th Thursday of each month)
  - **Curriculum**
  - Designed to facilitate understanding of experimental design, statistics, conduct of clinical trials, and evaluation of pertinent medical literature. This course runs parallel with the Physiology Course and addresses therapeutic alternatives specifically related to the pathologic problem under discussion. Directed by Dr. Dr. Luc P Brion, Vishal Kapadia and Lina Chalak.

- **Decision making series:** (Thur 08:00-09:00, 2nd and/or 4th Thursday of each month)
  - Designed to facilitate development of decision making skills using vignettes. Directed by Dr. Luc P Brion, Shawndip Sen

**Teaching Conferences**

- **Morbidity-Mortality/Ethics Conference** (Parkland Hospital) (Thur 12:00-13:00, second and fourth Thursdays of each month)
  - **Curriculum**
  - Neonatology fellows and faculty, faculty in Pediatrics, Obstetrics, Surgery, and Pathology present and discuss cases from the preceding months. Morbidity-mortality conference occurs once a month. Case conference occurs once a month and includes 2 Ethics Rounds per year at Parkland and 1 Ethics Round per year at Children's Medical Center with multidisciplinary attendance. Supervised by Dr. Mackenzie Frost.

- **Morbidity-Mortality Conference** (Children Medical Center) (Tu 12:00-13:00, once monthly)
  - **Curriculum**
  - Neonatology fellows and faculty, faculty in Pediatrics, Obstetrics, Surgery, and Pathology present and discuss cases from the preceding months; includes 1 Ethics Rounds per year with multidisciplinary attendance. Supervised by Dr. Mackenzie Frost

- **Division Research Conference** (Fri 08:00-08:45) Neonatology faculty and fellows and other UT faculty present completed research and work in progress three weeks of each month. Once
a month, a Journal Club is held in which the Division Faculty present recent literature regarding clinical or basic research relevant to the neonate. Quarterly, a neonatology critically appraised topic (NEOCAT) is presented by a fellow in collaboration with a Division faculty.

- **Core Curriculum Course for Postdoctoral Fellows, Department of Pediatrics** (Thur 17:00-18:00) **Curriculum** Faculty present lectures and discussions regarding need for continuing education, career choices, animal and human experimentation, experimental design, writing grants, use of molecular and cellular biology in research. Second year fellows present their research during that course. Attended by Pediatric fellows from all Divisions. Directed by Dr. Charles Rosenfeld

- **High Risk Obstetrics** (Mon 08:00-09:15) Maternal-Fetal Medicine fellows present and discuss cases on the High-Risk Pregnancy ward. Attended by faculty, fellows and housestaff in Obstetrics and Pediatrics.

- **Resuscitation Conference** (Mon 12:00-13:00, every other Monday) **Curriculum** Delivery room and NICU resuscitations from the preceding weeks are critiqued and discussed. Attended by fellows, housestaff, nurse practitioners and nurses from Labor and Delivery and the NICU. Directed by Dr. Myra Wyckoff.

- **Prenatal Diagnosis** (Fri 12:00-13:00) Obstetrical Staff present 2-4 cases with prenatally diagnosed abnormalities for discussion of planned delivery and care. Discussion of methods for prenatal diagnosis. Directed by Dr. Jodi Dash, Department of OB/Gyn.

- **Multi-disciplinary Fetal Monthly Conference** (We 12:00-13:00, monthly) **Curriculum** This is a multidisciplinary presentation and discussion of patients with antenatally detected anomalies, predominantly focused on cardiac anomalies.

- **Life after Fellowship** (Quarterly 12:00-13:00) **Curriculum** Presentations by various neonatologists with different types of careers, discussions and assessment of various practice venues, job search, interviews, negotiation skills, academic tracks, billing, medicolegal issues, and benefits

- **OB/GYN Ultrasound, Prenatal Diagnosis & Genetics Grand Grounds** (2nd and 4th Fridays). Three-year series including presentations by OB and Radiology Attendings and discussions by MFM Fellows.

- **Fetal Conference** (2nd Wednesday of each month). This is a multidisciplinary presentation and discussion of patients with antenatally detected anomalies.

- **Neonatal Imaging Series** (Quarterly 12:00-13:00). This is a three-year series including presentations by Pediatric Radiologists and Cardiologists and discussions by NPM Fellows. Topics include ultrasonography, radiograms, CT scan, MRI and echocardiography.

- **NPM Professionalism Series** (Quarterly 12:00-13:00). This is a three-year series including interactions with colleagues and patients, leadership, cultural sensitivity, medicolegal aspects of neonatology, and regulations.

- **Quality Improvement Series and Cost Effectiveness Series** (Bimonthly Thursday 12:00-1:00p) **Curriculum** This series involves didactic presentations and interactive presentations of a quality improvement project and cost effectiveness. Directed by Dr. Mackenzie Frost

- **Departmental Multidisciplinary Case and Mortality/Morbidity Conference** (Weekly Tuesday 12:00-1:00 P): This series fosters multidisciplinary communications. Twice a year, a fellow in NPM presents a patient to this series.
Fellows' Physiology Course

**Scholarship:**
Every fellow is expected to submit for publication at least one research manuscript corresponding to her/his primary research. Each fellow is strongly encouraged to additional scholarship, e.g., presentations at meetings, case reports, reviews, quality improvement, guidelines, or chapters. Fellows present their research at the end of fellowship at the [Annual Senior Fellow Research Day](#) either as a poster or as an oral presentation.

Fellows build an updated CV, and [Individual Development Plan](#) and a portfolio, which are reviewed twice a year at the semi-annual meeting with the program director.

Each fellow completes a [quality improvement (QI) project](#). This project is presented and discussed at the quality improvement conference.

**Graduation:**
Every in June, the entire division celebrates the fellows' graduation.

In the following pictures, the names of the graduating fellows are bolded.

June 2008: Luc P Brion, [Arpitha Chiruvolu](#), Darryl Miao, Catrinel Marinescu, Andrea (Andi) [Duncan](#), Charles Rosenfeld, Rashmin Savani.
Neonatology Fellowship – Clinical Rotations and Educational Goals

June 2011: Ja’Near Anderson, Tara Dupont, Vishal Kapadia, Natalie Frost, Mari Afanador, Jaclyn (Jackie) LeVan, John (Eric) Sparks, Olutoye (Toye) Osunbunmi

June 2012: Rashmin Savani, Michel Mikhael, Jenitha Jeyarat, Jaclyn (Jackie) LeVan, Joshua (Josh) Frankfurt, Luc Brion
Neonatology Fellowship – Clinical Rotations and Educational Goals

June 2013: Myra Wyckoff, Luc Brion, Rashmin Savani, Ja’Near Anderson, Olutoye (Toye) Osunbunmi, Katherine Stumpf, Venkat Kakkilaya

June 2014: Rashmin Savani, Christina Stine (& family), Cheryl Motta, Reina Mayor, Charitharth (Vivek) Lal, Luc Brion
June 2014: Luc Brion, **Myra Wyckoff** (2000), **Vishal Kapadia** (2011), Charles Rosenfeld, **Lina Chalak** (2001), **Natalie Frost** (2011)

Neonatology Fellowship – Clinical Rotations and Educational Goals

June 2016: Jameelah Shaheed, Andi Scarborough, Luc Brion, Cecilie Halling, Lindsay DeVries, Heather Weydig, Mackenzie Frost

Updated 7/6/2016