PERINATAL PATHOLOGY COURSE OVERVIEW
Friday, April 17 - Sunday, April 19, 2015
Embassy Suites Downtown/Lakefront
511 N. Columbus Drive
Chicago, IL  60611
19.5 hours CME offered

THURSDAY, APRIL 16, 2015
5:00 - 7:00 pm Registration

FRIDAY, APRIL 17, 2015
7:00 - 8:00 am Registration
7:00 - 8:00 am FULL BREAKFAST included with room at Embassy Suites

MORNING SESSION: 8:00 am - 12:30 pm
12:30 - 1:30 pm LUNCH ON YOUR OWN
AFTERNOON SESSION: 1:30 - 5:00 pm
EVENING SESSION RECEPTION AND DINNER LECTURE (6:00 pm – 8:30 pm)
(included in registration fee)

SATURDAY, APRIL 18, 2015
7:00 - 8:00 am FULL BREAKFAST included with room at Embassy Suites
MORNING SESSION: 8:00 am - 12:35 pm
12:35 - 1:30 pm LUNCH ON YOUR OWN
AFTERNOON SESSION: 1:30 pm - 5:00 pm
DINNER ON YOUR OWN:

SUNDAY, APRIL 19, 2015
6:45 - 7:30 am FULL BREAKFAST included with room at Embassy Suites
MORNING SESSION ONLY: 7:30 am - 12:00 pm
PERINATAL PATHOLOGY COURSE AGENDA
Friday, April 17 - Sunday, April 17, 2015
Embassy Suites Downtown/Lakefront
511 N. Columbus Drive, Chicago, IL 60611

Ona M Faye-Petersen MD, Course Director
Linda Ernst MD, MHS, Assistant Course Director

Overall Course Objectives
After participating in this unique multidisciplinary offering of updates in clinical diagnostic evaluations of the maternofetal dyad and the newborn, in normal and abnormal fetoplacental development and function, the learner will be able to:

(1) Apply the knowledge gained from Course presentations in prenatal obstetrical, medical genetic, pediatric cardiology and neonatal evaluations, toward improved interpretation and integration of the clinical history in perinatal autopsy evaluations.

(2) Apply the knowledge gained from Course presentations in clinical obstetrics, medical genetics, and pediatrics, and fetoplacental development and pathology toward improved pathologic examination of placentas.

(3) Compose meaningful pathology reports that address clinical concerns and diagnoses, identify abnormalities and pertinent negatives, provide accurate interpretations of pathologic findings, and contribute toward patients’ and clinicians’ improved understanding of the pregnancy complications and/or causes of infant death.

(4) Perform a competent perinatal autopsy of the structurally normal, anomalous, or hydropic infant.

(5) Perform a competent placental pathologic examination.

(6) Through the evaluations and reports described in objectives 1-3, facilitate improved patient outcomes by facilitating improved clinical assessment of recurrence and precurrence risks of a given pathologic diagnosis and clinical management of gestational and neonatal complications, including those related to preterm birth and cardiovascular anomalies.

Course Faculty

Alex Heazell, MBChB (Hons), PhD, MRCOG
Jeffrey S. Dungan, MD
Robert Bendon, MD
Michael K. Fritsch, MD, PhD
Jason Jarzembowski, MD, PhD
Linda Ernst MD, MHS

Emily Su, MD
Karen Mestan, MD
Nina Gotteiner, MD
Raymond Redline, MD
Eileen McKay, MD
Ona M. Faye-Petersen MD
FRIDAY APRIL 17, 2015
7:00 - 8:00 am  Registration
7:00 - 8:00 am  Full Breakfast included with room at Embassy Suites

8:00 am - 8:10 am  Welcome and Introduction  Ona M. Faye-Petersen, MD, Director; Linda M. Ernst, MD, MHS Assistant Director

8:10 am - 12:30 pm  Updates in Obstetrics and Neonatology for the Pathologist
8:10 - 8:55  “Update on Prenatal Ultrasonography and Detection of Fetal Anomalies”  
Alexander Heazell, MBChB (Hons), PhD, MRCOG

8:55 - 9:00  Questions and Answers
9:00 - 9:45  “Clinical Assessment of Fetal Growth and Well-being, and Implications of Abnormalities of Fetoplacental Blood Flow”  
Emily J. Su, MD, MSCI

9:45 - 9:50  Questions and Answers
Jeffrey S. Dungan, MD

10:35 - 10:40  Questions and Answers

10:40 - 11:00  Coffee Break

11:00 - 11:45  “Update on the Pathogenesis of Bronchopulmonary Dysplasia and Other Complications of Prematurity”  
(in addition to HMD/BPD pathogenesis/path of NEC; hepatopathy  
Karen K. Mestan, MS, MD

11:45 - 12:25 pm  “What the Neonatologist Wants to Know From the Placental Examination and Neonatal Autopsy”  
Karen K. Mestan, MS, MD

12:25 - 12:30  Questions and Answers

12:30 - 1:30 pm  LUNCH BREAK

1:30 - 2:25  “Gross Examination of the Singleton Placenta”  
Robert W. Bendon, MD

2:25 - 2:30  Questions and Answers
2:30 - 3:25  “Normal Placental Morphologic and Functional Development”  
Ona M. Faye-Petersen, MD

3:25 - 3:30  Questions and Answers

3:30 - 3:45  Coffee Break

Robert W. Bendon, MD

4:55 - 5:00  Questions and Answers

5:00 pm  ADJOURNMENT – Ona M. Faye-Petersen, MD
FRIDAY EVENING
6:00 pm  RECEPTION
6:30 - 8:30 pm  COURSE DINNER AND PRESENTATION
“What Does the Obstetrician Want to Know From the Pathologist?”
Alexander Heazell, MBChB (Hons), PhD, MRCOG
7:15 - 7:55 pm  Lecture
7:55 - 8:00 pm  Questions and Answers

SATURDAY, April 18, 2015
7:00 - 7:55 am  Full Breakfast included with room at Embassy Suites

7:55 - 8:00  Announcements  Ona M. Faye-Petersen, MD
8:00 – 8:55  “Placental Gross and Microscopic Examination Part 2: Fetal Stromal-Vascular Lesions, Distal Villous Immaturity/Maturational Defects, Villous Capillary Lesions, and Dysmorphic Villi”
  Raymond W. Redline, MD
8:55 - 9:00  Questions and Answers
9:00 - 9:45  “Placental Gross and Microscopic Examination Part 3: Ascending Intrauterine Infections”
  Jason A. Jarzembowski, MD, PhD
9:45 - 9:50  Questions and Answers
9:50 - 10:40  “Placental Gross and Microscopic Examination Part 4: Infectious Villitis”
  Jason A. Jarzembowski, MD, PhD
10:40-10:45  Questions and Answers

10:45 - 11:00  Coffee Break

11:00 - 11:50  “Placental Gross and Microscopic Examination Part 5: ‘Miscellaneous’ but Important Pathologic Lesions”
  Linda M. Ernst, MD, MHS
11:50 - 11:55  Questions and Answers
11:55 - 12:30 pm  “Placental Pathology with Medicolegal Imperative and Adverse Infant Outcomes”
  Raymond W. Redline, MD
12:30 – 12:35  Questions and Answers

12:35 - 1:30 pm  LUNCH BREAK

1:30 - 2:25  “Highlights of Normal Fetal Development and Features of Common Malformations and Syndromes”
  Ona M. Faye-Petersen, MD
2:25 - 2:30  Questions and Answers
2:30 -3:00  “An Overview of Fetal Cardiac Physiology and Function”
  Nina L. Gotteiner, MD
3:00 - 3:10  Questions and Answers

3:10 - 3:30  Coffee Break

3:30 - 4:50  “Prenatal Ultrasonographic Features of Fetal Cardiovascular Malformations and Anatomic Pathologic Correlations”
  Nina L. Gotteiner, MD and Michael K. Fritsch, MD, PhD
4:50 - 5:00  Questions and Answers
5:00 pm  **ADJOURNMENT**– Ona M. Faye-Petersen, MD

**DINNER ON YOUR OWN**

---

**SUNDAY, April 19, 2015**

SESSION: 7:30 am – 12:00 pm

**6:45 - 7:30 am**  *Full Breakfast included with room at Embassy Suites*

7:25 - 7:30  Announcements  Ona M. Faye-Petersen, MD and Linda Ernst, MD, MHS
7:30 - 8:25  “The Perinatal Autopsy Examination Part 1”  
*Eileen M. McKay, MD*
8:25 - 8:30  Questions and Answers
8:30 - 9:15  “The Perinatal Autopsy Examination Part 2”  
*Eileen M. McKay, MD*
9:15 - 9:20  Questions and Answers
9:20 - 10:00  “Normal Developmental Histology of the Fetal Kidney, Lung, Liver, and Gonads”  
*Linda M. Ernst, MD, MHS*
10:00 – 10:05  Questions and Answers

**10:05 - 10:20**  *Coffee and Snack Break*

10:20 - 10:50  “Use of Postmortem Radiographs in Perinatal Pathology”  
*Ona M. Faye-Petersen, MD*
10:50 - 11:05  Questions and Answers
*Ona M. Faye-Petersen, MD*
11:55 - 12:00 pm  Questions and Answers

12:00 pm  **ADJOURNMENT**– Ona Faye-Petersen, MD & Linda M. Ernst, MD, MHS