I. COURSE DESCRIPTION: This is a 2-week introductory course enabling the student to explore reproductive endocrinology and infertility. The student will learn about the scope of practice, frequently encountered pathology/diagnoses, and specialty specific diagnostic procedures. The purpose of the course is to allow the student the opportunity to explore a career in reproductive endocrinology and infertility (REI), and/or to acquire knowledge in this sub-specialty regarding appropriate referrals, consults, typical patient population and research topics relevant to future career plans.

II. LEARNING GOALS / OBJECTIVES:

a. Patient Care

1. The student will be able to list appropriate indications to consult REI and will be able to develop a well-constructed consult to this service.
2. The student will develop the ability to take in depth infertility history
3. The student will be able to perform the appropriate evaluation of a patient prior to referral to REI.
4. The student will be able to take a REI specific medical history, perform a physical exam and be aware of the approach to the patient in fertility practice.
5. The student will understand the principles of infertility treatment and assisted Reproductive Technologies.

b. Medical Knowledge
1. The student will be able to discuss the fertility evaluation and management of at least two common diagnoses (infertility, amenorrhea, Polycystic ovary syndrome) seen in the sub-specialty.
2. The student will be able to demonstrate the ability to analyze the history and physical to develop a differential diagnosis for reproductive endocrinology and fertility patients.
3. The student will learn the indications and complications for fertility procedures like IVF and surgeries like hysterectomy and laparoscopy performed on this service.

c. Professionalism
1. The student will be punctual and complete all required work.
2. The student will demonstrate respect and compassion for others.
3. The student will demonstrate respect for patient privacy and autonomy.

d. Interpersonal and Communication Skills
1. The student will communicate effectively with colleagues and health professionals.
2. The student will communicate effectively with patients and families as appropriate.

III. METHODS OF INSTRUCTION: Attending Monday case conferences, attending Reproductive Biology Research Conference on Tuesday, attending Wednesday lectures and journal clubs, attending the fertility and Parkland clinics with the fellows, residents and faculty. The student will be observing surgeries and fertility procedures.

IV. SCHEDULE:

Monday AM: Fertility practice clinical activities

Monday Noon: REI Case Conference (lunch will be provided)

Tuesday AM: Fertility Clinic activities; scheduled surgeries and procedures

Tuesday Noon: Reproductive Biology Fellows Research Conference J6

Wednesday: Scheduled surgeries and procedures

Wednesday 2:00PM – 3:30PM: Teaching Conference / Journal Club

Thursday AM/PM: Fertility Clinic activities, scheduled surgeries and procedures

Friday AM: Parkland Gynecologic Endocrinology Clinic WISH Building

V. COURSE REQUIREMENTS: The student will meet with the director of the program to discuss and select one topic to present at the end of the rotation. The student will give one 30-minute PowerPoint presentation on one topic related to Reproductive Endocrinology and Infertility. The student will be mentored by the faculty and further feedback will be provided during and after the presentation.