

Neonatal-Perinatal Medicine Course Series Description

Research and Scholarly Activities Meeting

Description:

The Research and Scholarly Activities Meeting will serve as a forum at which presentations and discussions will occur that support an atmosphere of inquiry and scholarship. Participants will include subspecialty residents (fellows) in Neonatal-Perinatal Medicine and the clinical and bench research faculty of the program. Additionally, invited participants will also participate, as appropriate to the particular discussion scheduled for a given session.

The meeting will be held monthly (except summer months) and attendance will be kept. This will be considered a required meeting within the fellowship training program. Barring emergent situations, fellows will be excused from clinical duties to attend.

Goals:

1. The trainee will develop the skills necessary to independently develop, design, carry out, interpret and disseminate research and other forms of scholarly activities.
2. The trainee will review the need for and process of obtaining research approvals and understand the requirements

Objectives: Through active participation and presentation in this conference, the participant will:

1. Understand the role and function of human research boards in academic medicine including patient confidentiality and the ethical foundations of such boards
2. Develop the skills necessary to present various aspects of bench and clinical investigation, ranging from the concept of a project through the formal presentation at national meetings.
3. Understand the process of grant application using federal systems (NIH) as an example.
4. Exhibit a professional approach to academics as demonstrated by 1) contributing to an open, respectful, discussion of ideas, 2) participating in the sharing of ideas – both in incorporating ideas into one's own work and providing suggestions for others, 3) exhibiting aspects of professionalism appropriate to this forum (meeting personal obligations of attendance and participation, knowledge of and adherence to ethical principles underlying research and academics, sensitivity to aspects of academics that impact diversity, recognition of conflicts between clinical care and investigation, and the development of life-long learning skills in this area).
5. Identify areas of clinical care around which further discovery might enhance patient outcomes.
6. Review the process by which successful ideas move from the bench to clinical practice (translational research), linking this process with principles of evidence-based medicine

7. Use opportunities to develop mentoring relationships with faculty as a whole and with specific individuals within the faculty.

Mechanisms to Achieve Goals:

The trainee will participate in the following types of sessions. Participation includes the presentation of materials and the discussion of materials presented by others.

1. Didactic sessions – informal with audience participation
2. Presentation of research plans (including bench, epidemiological and clinical research or other scholarly projects (such as systematic reviews and analyses).
3. Presentation of work in progress
4. Presentation of completed work, spanning all phases – development through interpretation of results.
5. Presentation and Discussion of work accepted for presentation at extramural meetings.
6. Work sessions

Competencies:

The meeting will contribute to the development of competency in neonatal-perinatal medicine as described by the ACGME. Specific competencies addressed include:

1. Patient care: the trainee will understand the role of investigation and scholarly activity in the development of the field of medicine and the development of individual skills needed for life-long practice of medicine.
2. Medical knowledge: the trainee will understand the impact of issues such as consent and confidentiality on scholarly activity
3. Interpersonal and Communication Skills
4. Professionalism

Coordinator:

John Baatz, Ph.D.

Evaluation:

The coordinator will keep records of topics presented and attendance. The coordinator will perform professionalism evaluations of fellows as part of the 360-degree evaluation process.