

Core Curriculum for ABP Subspecialty Training

The PAS is particularly dedicated to the education of trainees and provides a comprehensive core curriculum for fellows that addresses areas of academic development identified in the guidelines summarized in the American Board of Pediatrics Guidelines for Fellowship Training. Workshops scheduled throughout the PAS meeting focus on skill and knowledge acquisition that are appropriate for individuals at the fellowship level of training and provide a foundation for those who may not have had exposure to some required topics, as well as those who wish to pursue a topic in greater depth in the future. It is intended that these themes will repeat each year so individual curriculums can be created to complement education provided by local fellowship training programs. Certificates of completion will be available for participants.

Topics are outlined below. A comprehensive listing of core curriculum sessions will be available online and published in the final program guide.

- Achievement of Proficiency in Teaching
- Application of Basic Science Techniques to Translational Research
- Clinical Research Methods and Study Design
- Critical Literature Review
- Ethical Conduct in Research
- Introduction to Biostatistics
- Preparation of Abstracts and Brief Scientific Presentations
- Preparation of Applications for Grants
- Preparation of Scientific Manuscripts
- Preparation of Applications for Institutional Review Boards
- Principles of Evidence-Based Medicine

Core Curriculum Fellows' Series

In addition to many workshops dedicated to the topics listed above, the PAS and the APPD will sponsor a special joint program on Friday afternoon and evening, April 27, 2012.

This special program will be for fellows only and in addition to the learning experience it will provide a unique opportunity to network with other fellows and to get oriented to the PAS meeting.

- When – Friday April 27, 1:00-6:30pm
- Where – Sheraton Boston Hotel
- Who should attend – fellows from all pediatric specialties
- Registration fee – A \$100 registration fee is required in addition to the PAS registration fee. This separate registration is on the PAS registration form. Please see page 78
- Attendance is limited
- Two Tracks with 3 sessions (90-120 minutes each):

Track 1

- Recognizing Common Biostatistical Errors
- Writing Your First Paper- How to Make Sure it Gets Accepted
- Effective, Efficient and Innovative Teaching as a Fellow

Track 2

- Designing Surveys to Measure Outcomes in Research, Quality Improvement and Educational Projects
- Grant Writing
- Principles of Research Ethics for Fellows- Successfully Navigating the IRB

A wine and cheese reception will follow with special presentations from PAS leaders.

A certificate will be presented to all attendees at the sessions. This is the second of a three year program that will be offered to fellows.

Please contact the PAS Workshop Office if you have questions at

info@pasworkshop.org

FRIDAY, APRIL 27

1:00pm–6:30pm

Core Curriculum Fellows' Series PAS/APPD

Three 90-120 minutes sessions will be presented in each of two tracks. Attendance is limited and a \$100 preregistration fee is required to attend in addition to the PAS registration fee. A reception will follow with special presentations from PAS leaders. A certificate will be presented to everyone in attendance.

0500 Core Curriculum Fellows' Series: Track 1 PAS/APPD Symposium

1:00 Recognizing Common Biostatistical Errors in the Literature

This will be an abbreviated and/or accelerated version of the workshop of the same name I have co-led at PAS for many years. The errors covered will depend partly on the interests of the group. They may include standard error vs. standard deviation, nonindependence, use of paired measurements, meaning of P-values, confidence intervals.

Thomas B. Newman;
Daniel C. West

3:00 Break

3:15 Writing Your First Paper - How To Make Sure It Gets Accepted

Writing your first paper is a challenge. In this session we will discuss how to get started - from properly formatting a draft to selecting the right journal. We will review all aspects of a paper, including the abstract, introduction, methods, results, discussion, tables, figures, and references. Authorship issues and how to help reviewers appreciate the importance of your paper will be discussed. Peer-reviewed papers are an important ingredient in academic success. At the end of this session the goal

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is to ensure that you will be more comfortable submitting your first paper.

Howard C. Bauchner

4:45 Break

5:00 Effective, Efficient, and Innovative Teaching as a Fellow

With increasing pressures to learn the knowledge, skills, and other competencies required for fellowship training, teaching of medical students and residents has the tendency to become less of a priority at this level of training. Yet fellows are frequently called upon to teach trainees in the inpatient and outpatient settings. Effective, efficient, and innovative teaching strategies are needed, and this workshop will provide attendees with such strategies. This will be an interactive session to provide participants some basic knowledge of adult educational theory. This knowledge will then be used to highlight key take-home concepts that are designed to improve the teaching skills of participants in the clinical setting.

Vincent Chiang

0520 Core Curriculum Fellows`

Series: Track II

1:00 Designing Surveys to Effectively Measure Outcomes in Research, Quality Improvement, and Educational Projects

Surveys are an increasingly important and commonly used tool to answer a broad range of research questions, evaluate educational programs, measure the effect of quality improvement activities, or identify strengths and weaknesses of virtually any project. Indeed, surveys are likely familiar to all of us and often appear deceptively easy to construct. Yet the reality is that optimal survey

design can be very challenging because there are numerous common pitfalls that can yield data that are not valid and do not answer the intended research/project question. The goal of this session is to give participants the basic tools needed to create more valid and useful surveys for a wide range of projects. All attendees will be encouraged to participate in a pre-conference survey that will serve as an example of the concepts, methods and skills of survey design. At the conference, the session will begin with an interactive didactic review of basic concepts (introduction to validity and reliability as it relates to survey design and collection) and skills (question formulation, response scales, and data collection methods). This will be followed by a paired learning activity where participants will practice using a survey design and quality control worksheet to critique the pre-conference survey and other select survey questions. The session will conclude with a discussion of the work of the paired groups and answer other questions related to survey design and administration. Participants will leave the session with a basic understanding of optimal survey design, a worksheet that provides a step-by-step guide to developing surveys, and a clear strategy that can be used to write valid survey questions and identify appropriate response scales for nearly any project.

Timothy Kelly

3:00 Break

3:15 Grant Writing: Key Components and Strategies for Success

Grant writing is a critical skill for many fellows and faculty. While the details of funding applications vary, there are many common

elements across funding sources and shared strategies for success. The objectives of the session are: 1) to demystify the grant application process; 2) identify potential funding sources for new investigators; 3) consider key components of grant applications; and 4) discuss strategies for success.

Cynthia Minkovitz; Kurt Albertine

4:45 Break

5:00 Successfully Navigating the IRB: Principles of Research Ethics for Fellows

Fellowship training provides opportunities for scholarly pursuits which often include research with human subjects. Fellows may be responsible for drafting clinical research protocols and seeking approval from their local IRB. Knowledge and skills in research ethics are crucial for all fellows who will engage in clinical investigations. This session will provide attendees with a review of key concepts related to the ethical conduct of research. Using a case-based format, participants will explore the principles most salient to research ethics and most closely examined by the IRB including the definition of a human subject, the components of informed consent, and the concept of therapeutic misconception. Through this session, fellows will develop a more thorough understanding of central tenets of research ethics thereby optimizing their success in navigating the IRB approval process.

Jennifer C Kesselheim