

# Alternative Pathways in Fellowship Training and Education

## Education Pathway

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# Education Pathway



# Training Requirements for Subspecialty Certification – American Board of Pediatrics (2004)

ABP replaced *meaningful accomplishment in research* with **scholarship**

- Basic, clinical, or translational biomedicine
- Health services
- Quality improvements
- Bioethics
- Education
- Public policy

# **Training Requirements for Subspecialty Certification – American Board of Pediatrics**

## **Scholarship Oversight Committee**

- Determine if scholarship meets ABP guidelines
- Determine a course of preparation to ensure successful completion of a project
- Evaluate progress
- Meet regularly
- Require fellows to defend activity
- Advise Program Director

# **ASPHO Survey of Fellow Members (35% Response Rate)**

- 69% reported intention to be a clinician at an academic institution
- 33% of 1<sup>st</sup> year fellows indicated their interest in non-standard scholarship
- 50% reported their interest in pursuing non-standard scholarship as faculty

# Verification of Competence Forms

- 6% of pediatric hematology/oncology fellows have completed scholarship in any of the non-standard pathways (last 4 years)
- None has been in education



# So What's the Problem?

- 25% of fellow respondents reported that their program does not support non-standard projects
- Only 45% of fellow respondents reported that their programs have the necessary mentors and resources
- American Board of Pediatrics – Training and Certification Initiative



# Education as Scholarship

## Scholarship Reconsidered

(Boyer and Rice; 1990)

- Discovery
- Integration
- Application
- Teaching

# Education as Scholarship

Standards in scholarship

# The Elusive Scholarship of Teaching

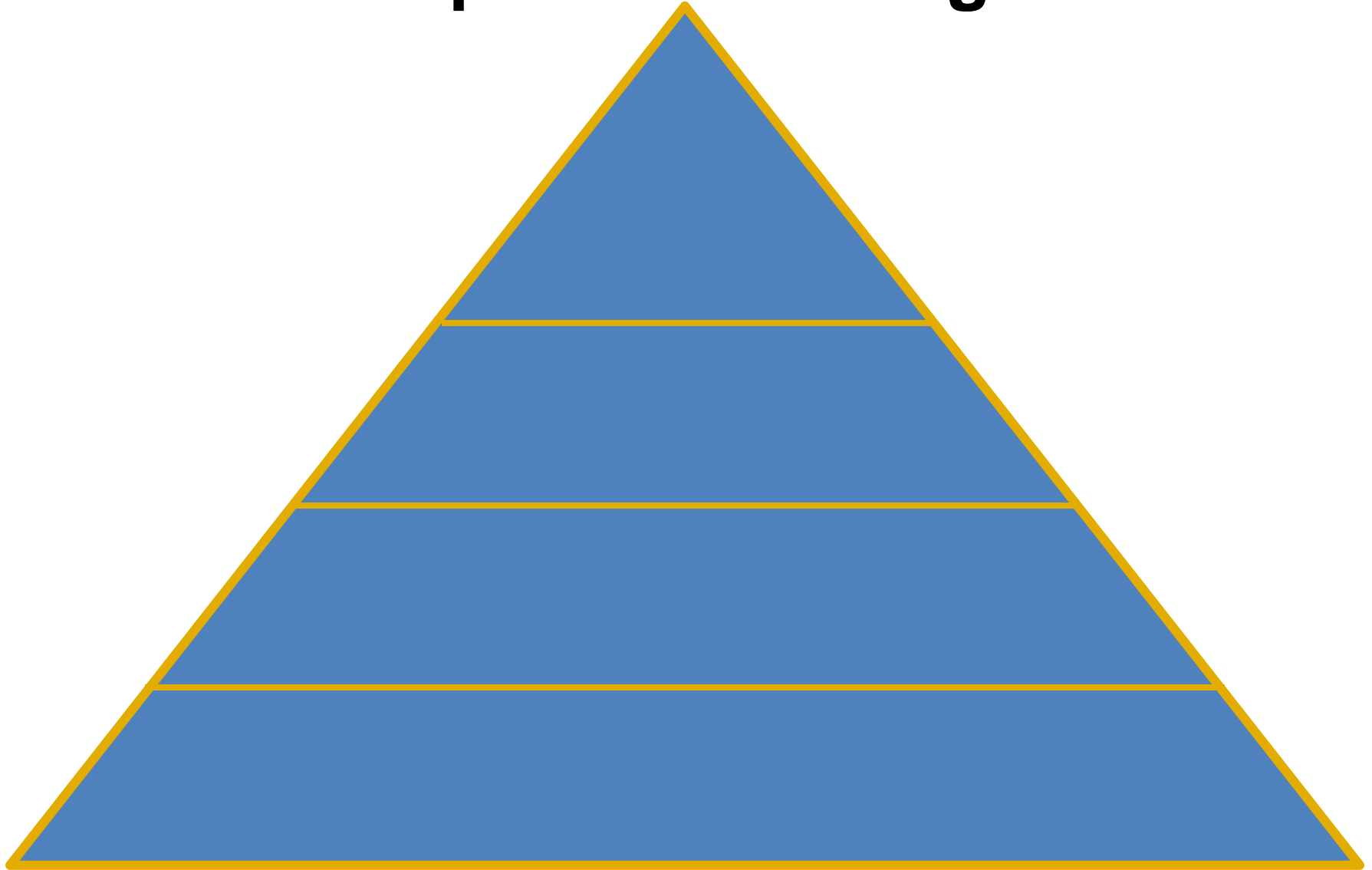
- Work must be made public
- Work must be available for peer review and critique according to accepted standards
- Work must be reproducible and built on by others

# Effective Communication Course (2<sup>nd</sup> Year Fellow Project – UTSW)

## Challenges

- Very little reported in PHO literature
- New language – *Adult learning therapy*
- Mentorship/Experts
  - Survey writing for needs assessment
  - Curriculum design strategies
- IRB
- Evaluation

# Evaluation of Program – Kirkpatrick's Triangle



# Effective Communication Course

## Challenges (contd.)

- Preceptor training for small group sessions
- Overcome bias: this is not clinical research

# **Ensuring an Effective Physician Workforce for the United States: Recommendations For Reforming Graduate Medical Education to Meet the Needs of the Public**

Macy Foundation Conference 2011

- Multiple recommendations but 3 essential

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**"We've found a mass. The good news is we have weapons of mass destruction."**