

Alternative Pathways in Fellowship Training and Education

Education Pathway

Patrick J. Leavey, MD

Department of Pediatrics
University of Texas Southwestern Medical Center at Dallas
Children's Medical Center
Dallas, Texas

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Education Pathway

- Nothing to disclose
- American Society of Pediatric Hematology/Oncology. (2010). 2010 Fellow Study: Results [unpublished]. Glenview, IL

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

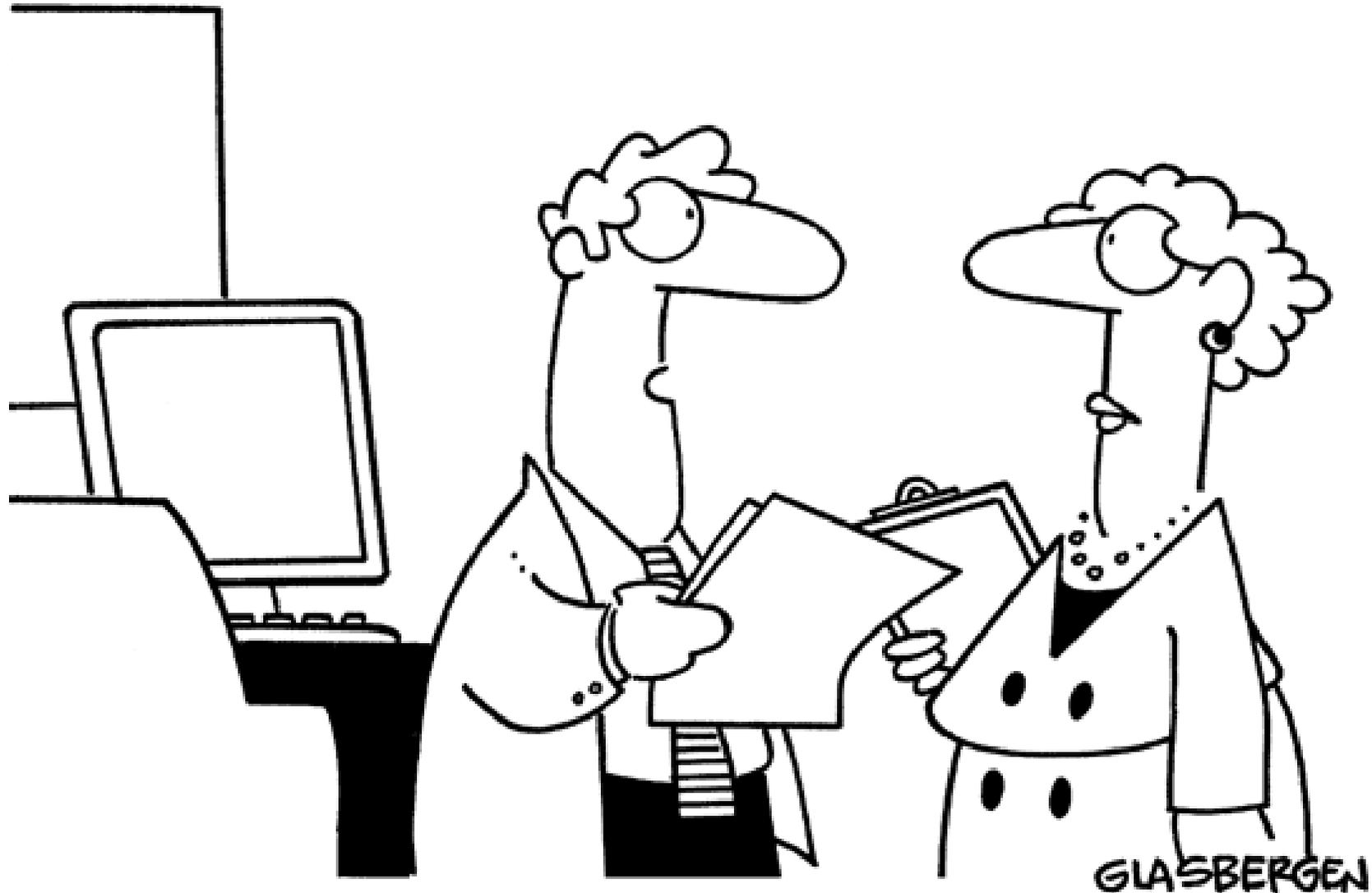
- Determine if scholarship meets ABP guidelines
- Determine a course of preparation to ensure successful completion of a project
- Evaluate progress
- Meet regularly
- Require fellows to defend activity
- Advise Program Director

ASPHO Survey of Fellow Members (35% Response Rate)

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

Verification of Competence Forms

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



**“My team has created a very innovative solution,
but we’re still looking for a problem to go with it.”**

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 (Glassick; 2000)

- Clear goals
- Adequate preparation
- Appropriate methods
- Significant results
- Effective presentation
- Reflective critique

The Elusive Scholarship of Teaching

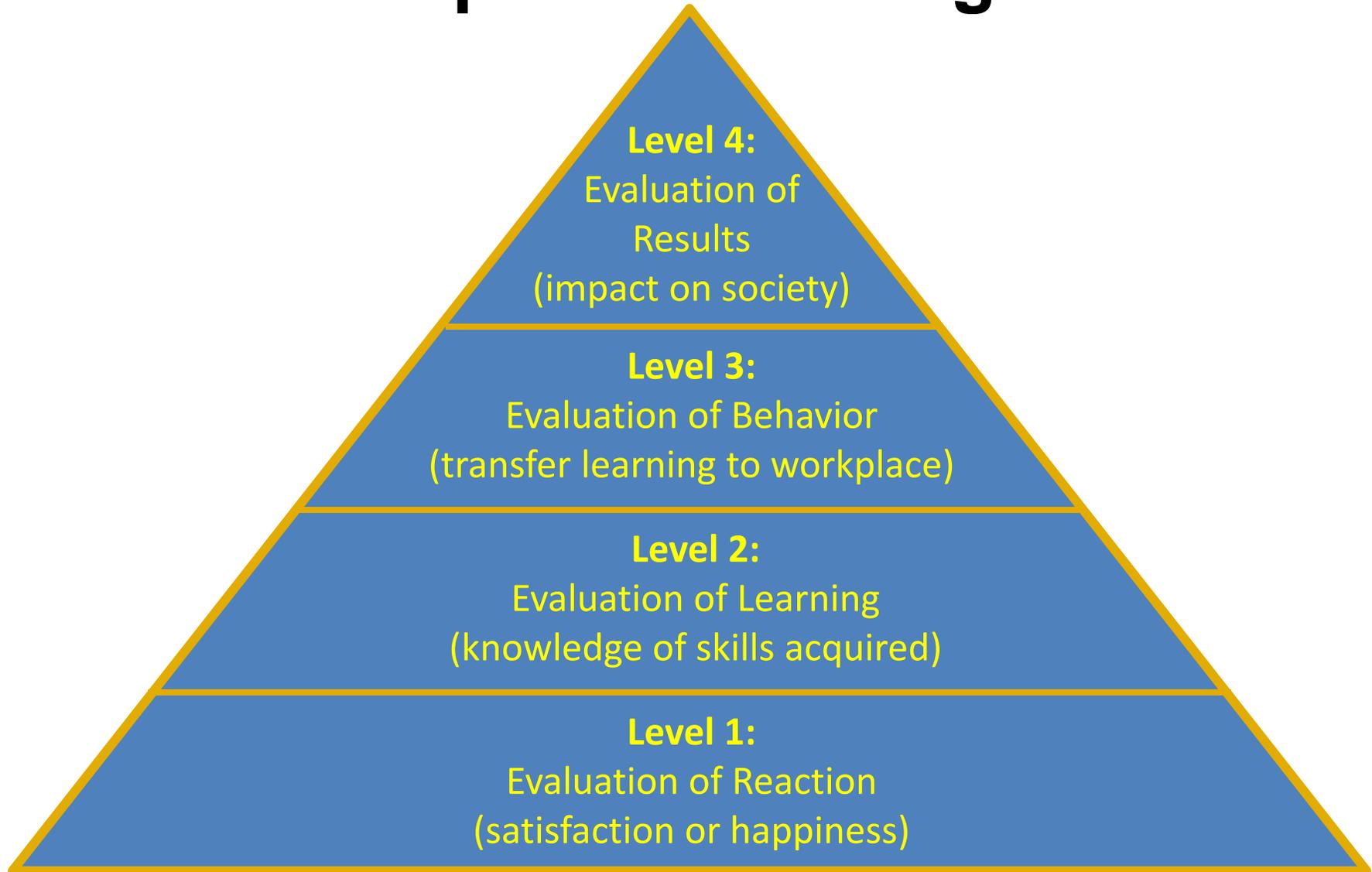
- Work must be made public
- Work must be available for peer review and critique according to accepted standards
- Work must be reproducible and built on by others

Effective Communication Course (2nd 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 elements
 - Faculty development to promote cultural change in GME
 - Regulation of GME including a call to reduce administrative burden on program directors
 - Revision of GME financing

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“We’ve found a mass. The good news is we have weapons of mass destruction.”