

New Kid on the Block: Hopes and Aspirations for the Newly Accredited OB Fellowship



ROBERT GAISER, M.D
PROFESSOR OF ANESTHESIOLOGY AND
CRITICAL CARE
HOSPITAL OF THE UNIVERSITY OF
PENNSYLVANIA
CORE PROGRAM DIRECTOR

I have no financial disclosure

Learning Objectives



- Understand what is the OB fellowship
- Review the details of the current fellowship and
- Review the components necessary for what is
- Understand the OB fellowship



OB Anesthesia: Accredited on Oct 1, 2011



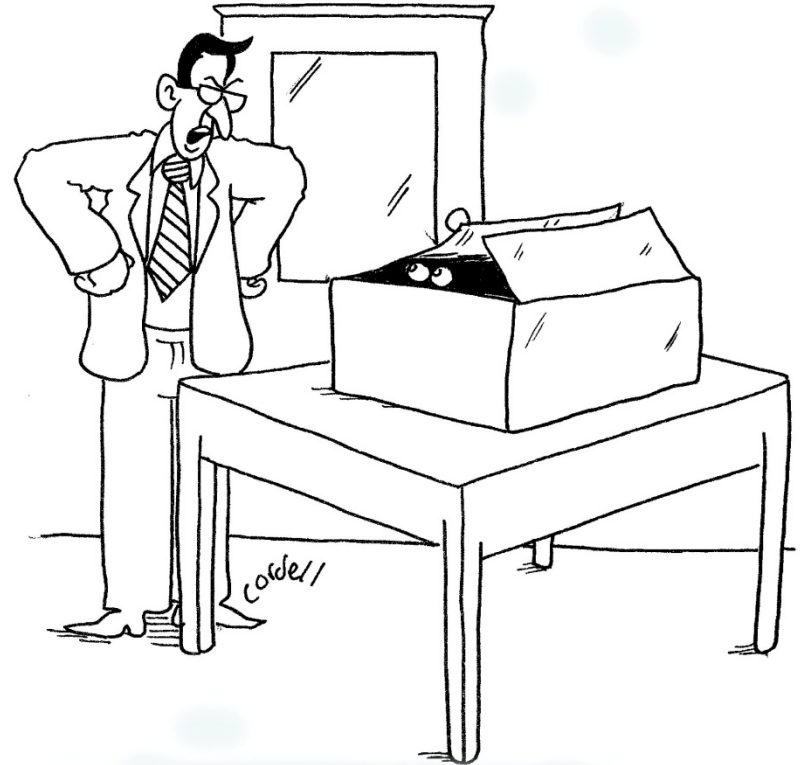
- One year fellowship
- Subspecialty of anesthesiology devoted to the comprehensive anesthetic management of women during pregnancy and the puerperium



Program Requirements for GME in Obstetric Anesthesiology

What's Different in Program Requirements?

- **Faculty**
 - Faculty certified in adult CCM must be available for consultation and collaborative management of peripartum women with critical care needs
- **Program Director**
 - 20% to the fellowship
 - 50% to the anesthetic care of obstetric women



"For crying out loud, Douglas, try and think outside the box."

What's Different in Program Requirements?

- Policies and procedures governing the labor and delivery unit, obstetric operating rooms and PACU, including the potential effects of societal, institutional, and governmental factors
- Principles and ethics of research in pregnant women
- Research funding
 - Applicable funding agencies
 - Components of a research budget
 - Funding procurement mechanisms



Program Requirements for GME in Obstetric Anesthesiology

Obstetric Anesthesia Fellowship Curriculum

- 7 months operating room and labor and delivery clinical activity
- 2 week rotation on MFM
- 2 week rotation in neonatology
- 3 months research
 - Fellows should be involved in a scholarly project which leads to
 - ✦ Presentation at national meeting
 - ✦ Publication



Where Did OB Drop the Ball?

- **Pediatric Anesthesiology**
 - Fellows should become experienced in teaching principles of pediatric anesthesiology to other resident physicians, medical students, and other health care professionals

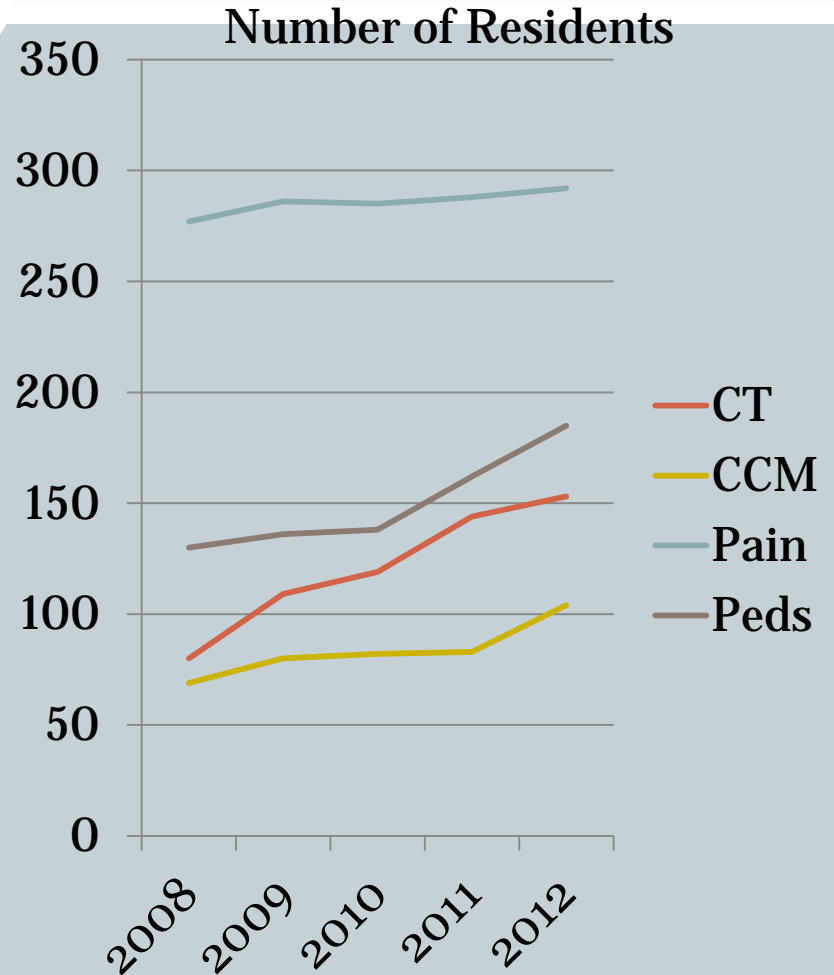
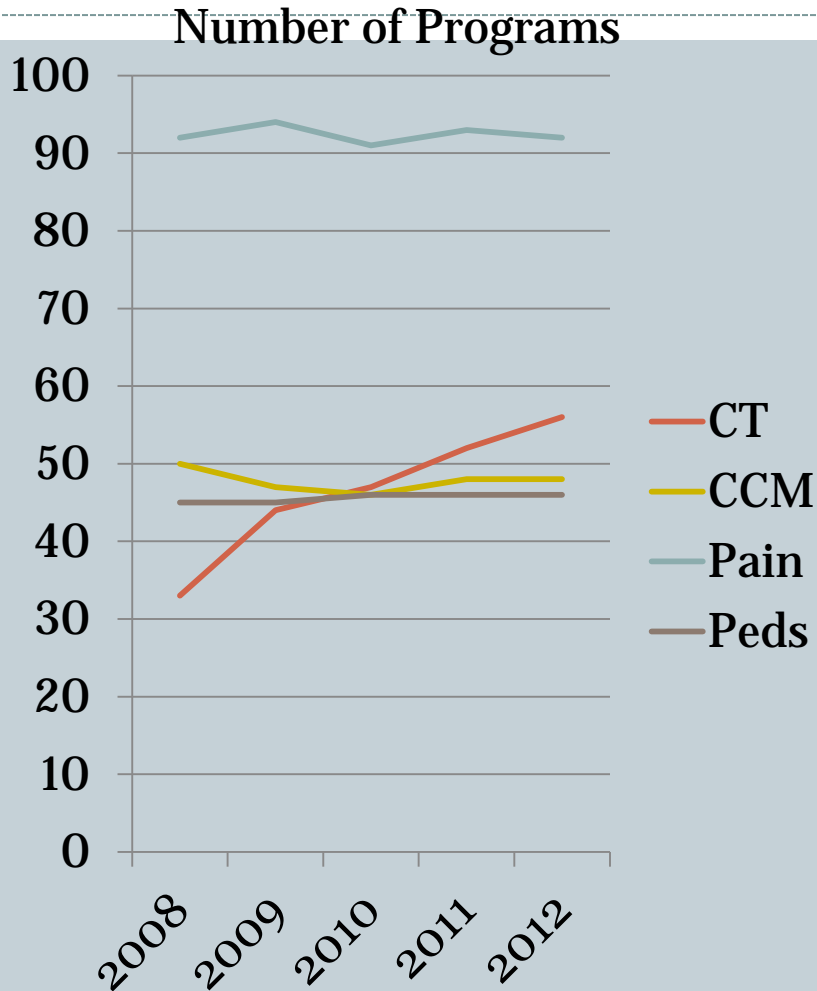


Where Did OB Drop the Ball?

- **Adult Cardiothoracic Anesthesiology**
 - The division of responsibilities between the residents and fellows must be clearly delineated. The presence of a CT fellow must NOT be permitted to compromise the clinical experience and number of cases available to the residents in a core program in anesthesiology



Growth in Programs



Accreditation Status



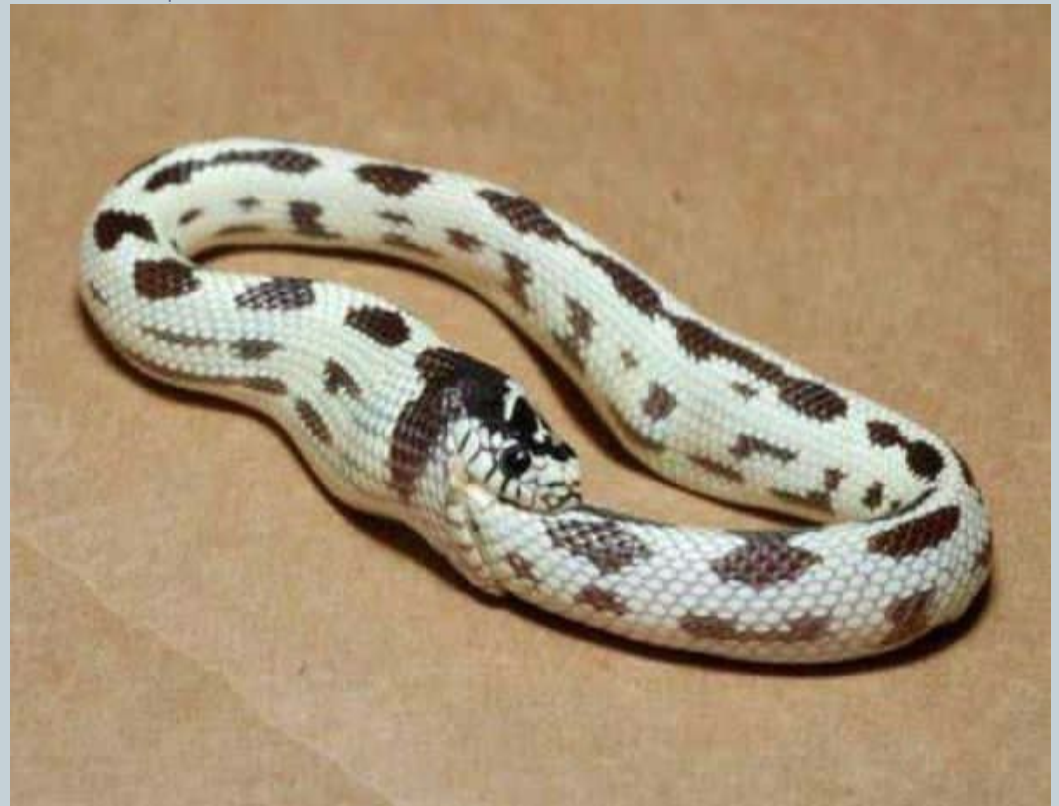
Program	Number of Programs	Full Accred	Initial Accred	Probation	Future Withdraw
CT	56	43	12	1	0
CCM	48	42	6	0	0
Pain	92	83	7	1	1
Peds	46	45	1	0	0

Program Director – A lot of Work



- **Programs with at Least One Program Director Change**

- Core – 132 (11.3%)
- CT – 56 (0.2%)
- CCM – 48 (18.7%)
- Pain – 92 (16.3%)
- Peds – 46 (15.2%)



Who Will Be the OB Fellow?



- **Most likely obtained anesthesia residency through match (2010)**
 - 79.7% filled through match
 - 1.8% unmatched
 - 2.3% withdrawn
 - 16.2% never in match
 - Reasons for not being in match
 - ✦ Osteopathic
 - ✦ International medical grad



Who Will Be the OB Fellow

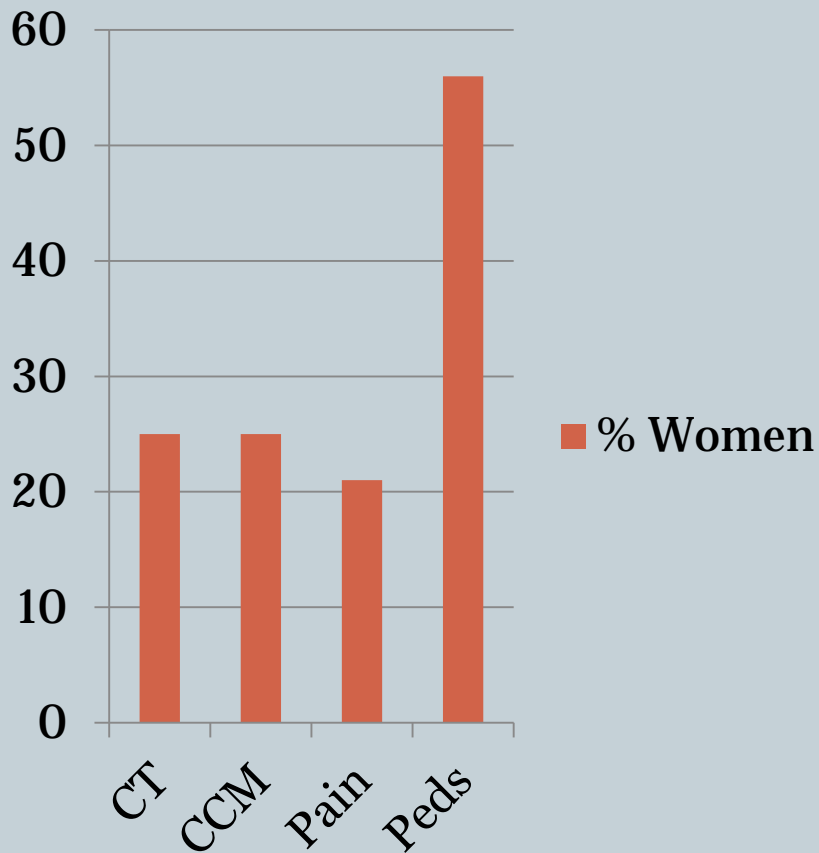


Program	Total Residents	Canad Med School	IMG	Osteopath Med School	US Med School
CT	153	1%	10%	10%	79%
CCM	104	2%	21%	6%	71%
Pain	292	1%	22%	12%	66%
Peds	185	2%	10%	6%	83%

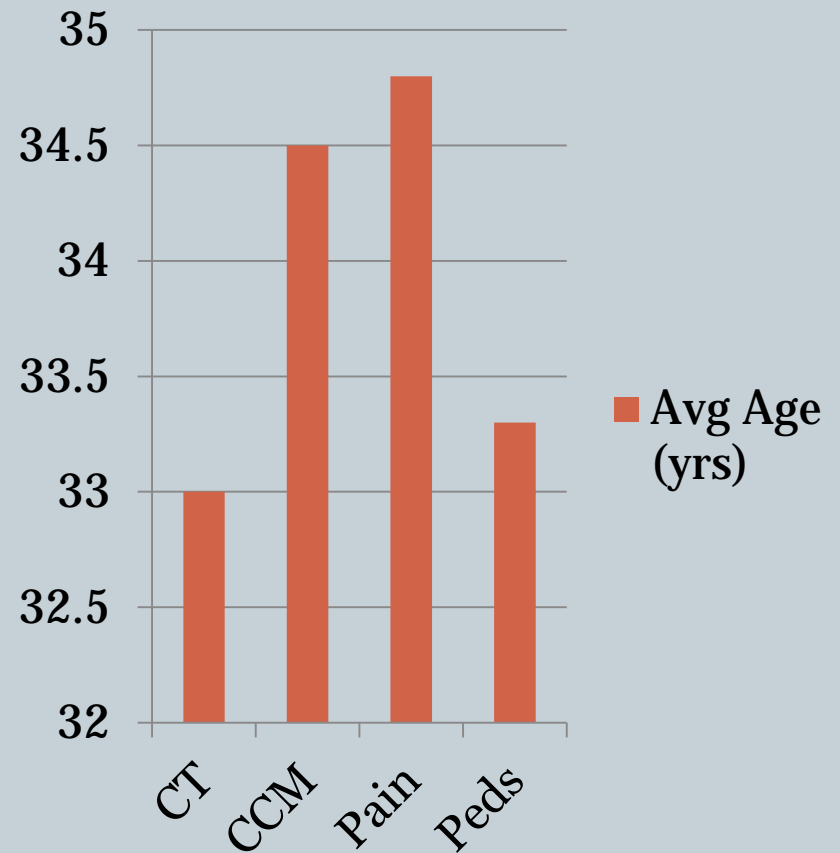
ACGME Data Resource Book, 2011-2012

Who Will Be the OB Fellow?

% Women



Avg Age (yrs)

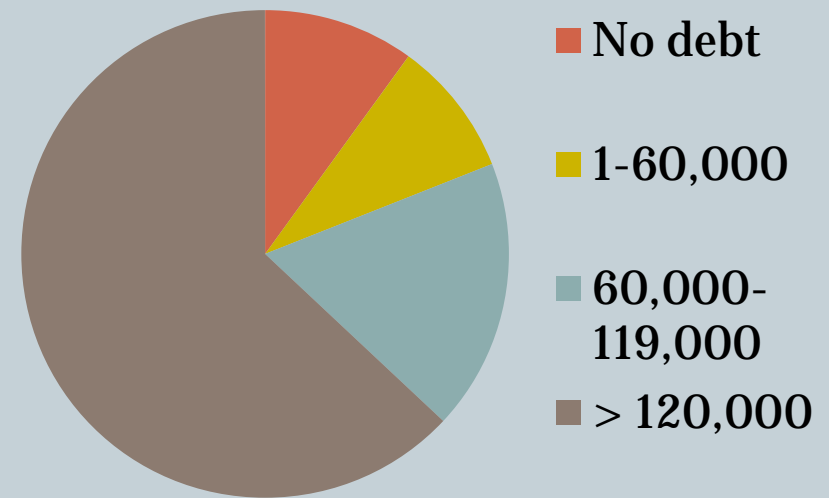


The OB Fellow Will Be Poor!



- 49 residency or fellowship programs in Anesthesia participated
- Of the 2386 residents, 537 completed
 - 10% no debt
 - 43% > \$150,000

Medical School Debt



Steiner JW. Anesth Analg 115;115:170

Debt Does Not Influence Choice to Pursue Fellowship



- (1 = not likely at all, 5 = very likely)
- How likely are you to pursue a fellowship?
 - 0-29,999 – 3.7
 - 30-89,999 – 3.9
 - 90-119,999 – 3.4
 - 120-149,999 – 3.6
 - >150,000 – 3.5

Steiner JW. Anesth Analg 2012;115:170

Debt Does Influence Career Choice

- (1 = not likely at all; 5 = very likely)
- How likely are you to pursue a career in



	0-30 x 10(3)	30-90 x 10(3)	90 x 120 10(3)	120 – 150 x 10(3)	> 150 x 10(3)
Acad	3.3	3.3	3.0	2.8	2.9
Res	2.4	2.5	2.3	2.1	2.1
Priv Pract	4.0	3.7	4.2	4.1	4.2

Debt Correlates with Desire to Moonlight



- The greater the debt, the greater the desire to moonlight
- OB Anesthesiology Fellowship has most protected research time
- Moonlighting must not interfere with the ability of the fellow to achieve the goals and objectives of the educational program
- Time spent by fellows in Internal and External Moonlighting must be counted towards the 80-hour Maximum Weekly hour limit

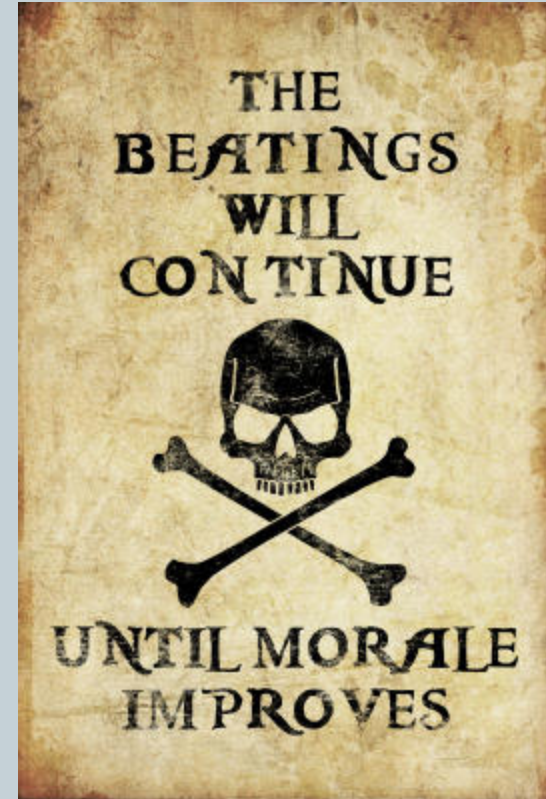
Speaking of Moonlighting



- **Challenges Confronting the OB Anesthesiology PD**
- **Duty Hours – limited to 80 hours per week, averaged over a four-week period**
- **What do residents do when not working or sleeping?**
 - Survey to residents in pediatrics, internal medicine, and surgery residents
 - 16 institutions participated with 634 responses
 - ✦ Internet use – most common
 - ✦ Watch TV – second most common
 - ✦ Bottom three
 - Read professional journals
 - Read for leisure
 - See a movie

Other Challenges for the OB PD

- ACGME Survey
- A response rate $> 70\%$ for programs with 4 or more residents; a response rate of 100% for programs with less than 4 residents
- Programs with fewer than 4 residents will NOT see aggregate reports to maintain resident anonymity



How Accurate is the Survey

- Single surgical department administered ACGME survey and in-house GME survey
- 25 residents completed both
- Difference in response:
 - Faculty spent sufficient time teaching (48% vs 85%)
 - Emphasis on education vs service obligations (73% vs 96%)
 - Interference of other learners (81% vs 25%)



How Do Fellows Decide Upon a Program?



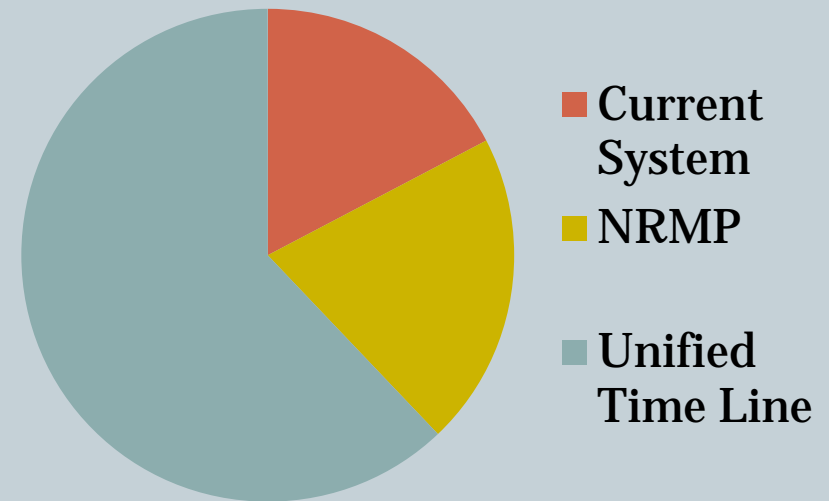
- **Frequency that each factor was ranked most important**
 - Family, significant other, personal – 29.7%
 - Prestige of program – 26.0%
 - Location – 20.6%
 - Competitiveness of subspecialty – 14.5%
 - Other – 9.1%

Bernacki KD. Am J Clin Pathol 2012;137:543

When Should Positions Be Offered?

- Survey by 366 pathology residents
- Current System, NRMP, or Unified time line

Preference



Bernacki KD. Am J Clin Pathol 2012;137:543

Why Keep Things As IS?



- Flexibility relating to personal factors such as spouse employment and home ownership
- Personal decision instead of computer algorithm with contractual obligation
- Putting in time should be rewarded
- Inability to have couples match with other specialties
- Time and money

Bernacki KD. Am J Clin Pathol 2012;137:543

Why Use the NRMP?



- **Fairness**
- **The ability to enforce a set of rules**
- **The opportunity for applicants to evaluate more programs**
- **Removal of**
 - Pressure
 - Unpredictability
 - Confusion
 - Chaos

What Will the OB Fellow Do Upon Graduation?



- **Of course, the fellow will have a final summative evaluation which**
 - Documents the fellow's performance during the final period of education
 - Verifies that the fellow has demonstrated sufficient competence to enter practice without direct supervision

Program Requirements for GME in Obstetric Anesthesiology

What Will the OB Fellow Do Upon Graduation?

- Electronic survey sent to chairs of US anesthesiology training programs
- Response rate of 60% (72 of 121)
- Average number of open positions: 3.3
- Most common subspecialty need:
 - Generalist, peds, CCM, cardiac, pain

Subspec	2008 (%)	2010 (%)
Generalist	31	28
Pediatric	21	23
Cardiac	12	12
CCM	11	15
Regional	6	6
Pain	6	9
Ambul	4	0
Obstet	4	3
Neuro	4	3

Open Faculty Positions by Specialty

Success as an OB PD (Really any PD)

- 1. Equity
- 2. Justice
- 3. Communication and Interpersonal Relations
- 4. Role Modeling
- 5. Work Ethic
- 6. Balancing Work and Personal Life
- 7. Empathy
- 8. Interest in Trainees and Younger Colleagues
- 9. Organization and Prioritization
- 10. Administrative Skills



Alpert JS. Am J Med 2010;123:1071

Success as a PD

- The most important thing is MOJO (that positive spirit toward one's present endeavor)
 - Identity
 - Achievement
 - Reputation
 - Acceptance



