



AAS

Association for
Academic Surgery



Switching Gears in Academic Surgery

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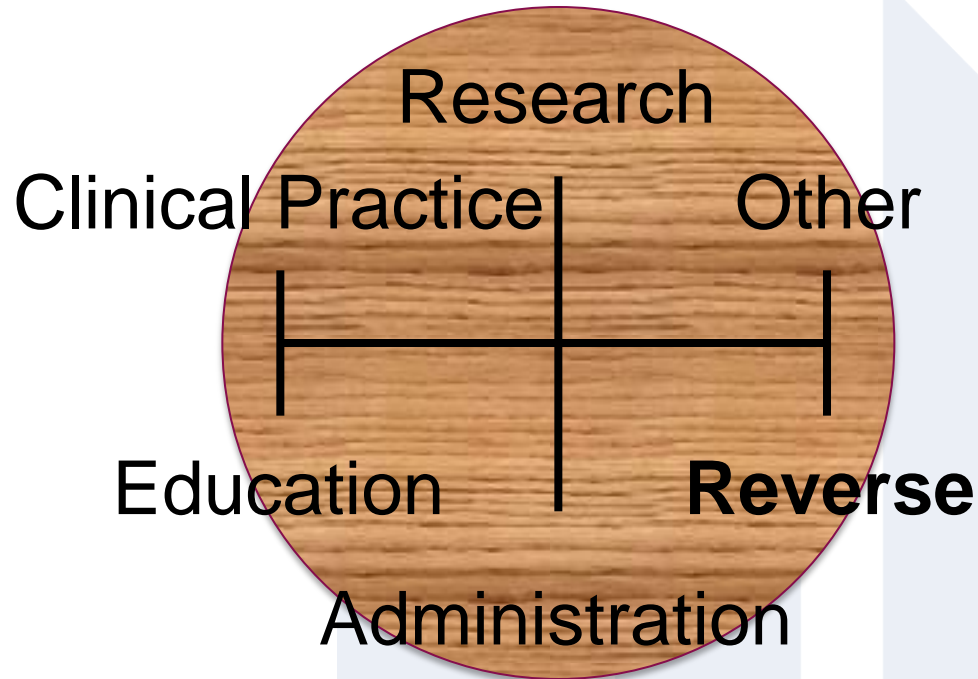
Disclosures

- None
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7 Attributes of the Academic Surgeon

- Identify complex problem that others have ignored or thought unsolvable
- **Become an expert in the field**
- Innovate new insights, treatments, or procedures to advance that clinical problem
- Observe new treatment outcomes closely to further improve such innovations
- Spread knowledge and expertise through publications and presentations
- Ask important questions in the field to try to further **improve care**
- **Train** the next generation of surgeons and scientists

The Gears of Academic Surgery

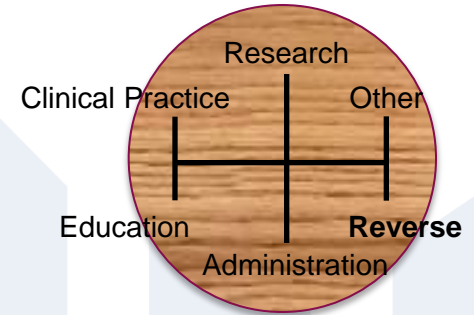


The Gears of Academic Surgery¹

Clinical Practice – Unless professors of surgery are actually capable surgeons, the whole structure of American surgery is threatened with collapse. (The Skill of the Surgeon)

Research – For our discipline’s continuing advance, surgery needs future teachers, anxious to create and atmosphere that will encourage research and creative scholarship. (The Science of the Surgeon)

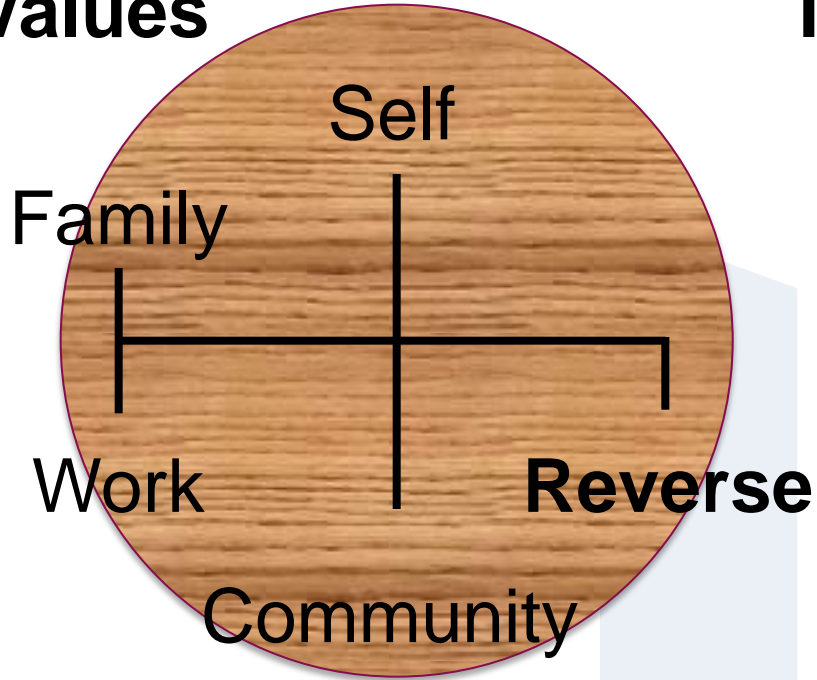
The Soul of the Surgeon – The commitment to the highest standards of responsibility and compassion.



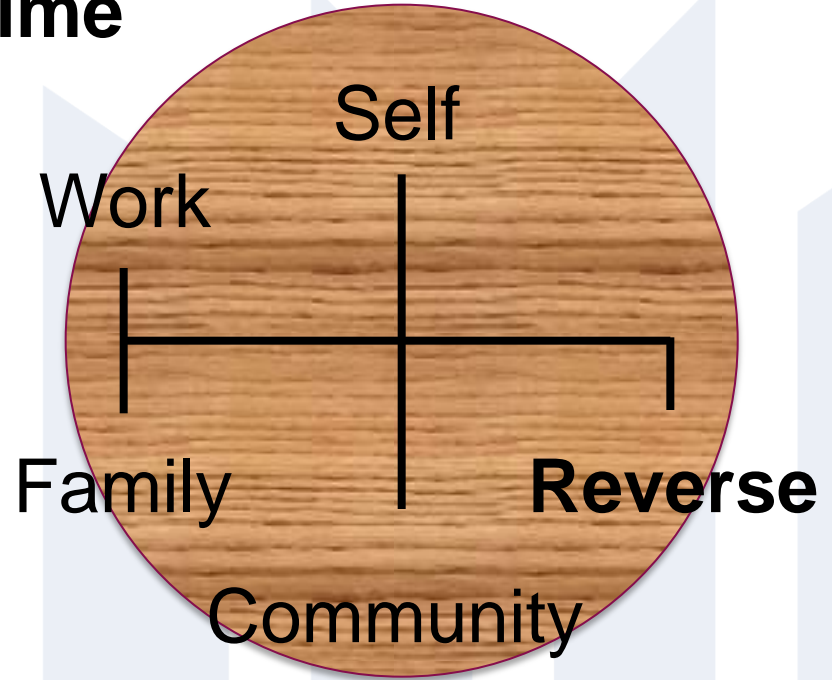
¹Najarian JS. The skill, science, and soul of the surgeon. Annals of surgery. 1989 Sep;210(3):257.

The Gears of Life ²

Values



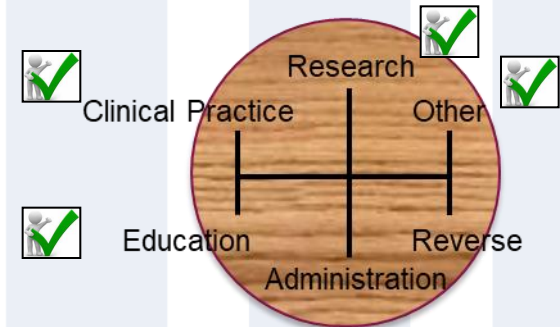
Time



2 modified from the concepts found at: <http://www.totalleadership.org/>

Professional Goals in 2004

- Impact
 - Modify educational processes
 - Improve surgical disparities
 - Provide compassionate evidence-based care
- Deliverables
 - R01 funded investigator
 - Full professor in 14 years



Career Trajectory (2005-2009)

Step 1



ACS
NSQIP[®]



U.S. News & WORLD REPORT
usnews.com



Career Trajectory(2004-2009)

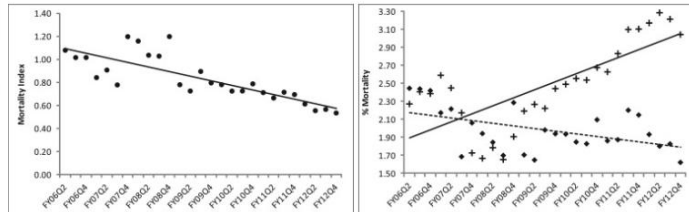


Time of Day Is Associated With Postoperative Morbidity: An Analysis of the National Surgical Quality Improvement Program Data



The Mortality Review Committee: A Novel and Scalable Approach to Reducing Inpatient Mortality

Trends in the Mortality Index, Observed Mortality, and Expected Mortality Following the Development of the Mortality Review Committee, Fiscal Year (FY) 2006–FY 2012



Barbieri JS, Fuchs BD, Fishman N, Cutilli CC, Umscheid CA, Kean C, Koshy S, Sullivan PG, Brennan PJ, Kelz RR. The mortality review committee: a novel and scalable approach to reducing inpatient mortality. The Joint Commission Journal on Quality and Patient Safety. 2013 Sep 1;39(9):387-AP9.



Career Trajectory(2010-2014)



The Effect and Durability of a Pregraduation Boot Camp on the Confidence of Senior Medical Student Entering Surgical Residencies



Clinical Practice

Other



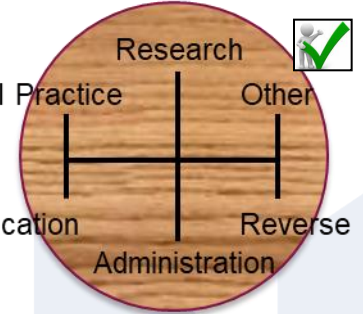
The surgery clerkship: an opportunity for preclinical credentialing in urinary catheterization

Education

Reverse



The Simulated Ward: ideal for Training Clinical Clerks in an Era of Patient Safety



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Lessons Learned:

A champion would have been nice but not better. Switching gears required me to become an expert across disciplines.

Deliverables:

R01 submitted.

Associate Professor of Surgery.

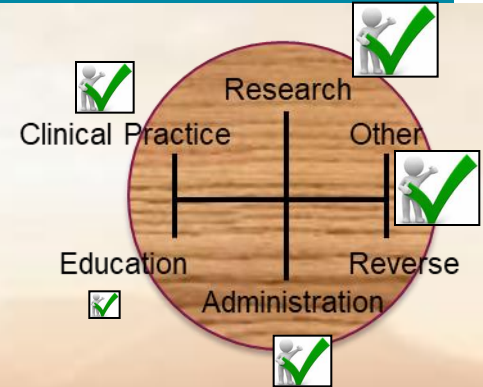
Career Trajectory (2015-present)



Deliverables:
R01 funded.
Professor of Surgery.



Career Trajectory (2015-present)



The Gears in Life and Academic Surgery



- Manage yourself
- Shifting gears may accelerate your success
- Shifting gears may retard your success
- Shifting gears is an example of adaptability
- Shifting gears is a natural part of growth and development
- Be deliberate when you shift.



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Thank You.

Color Palette



Pantone 7435
R-134 G-18 B-78



Pantone 7455
R-18 G-104 B-179



Pantone 640
R-0 G-136 B-164



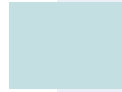
Pantone 2607
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Pantone 7527
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Pantone 5523
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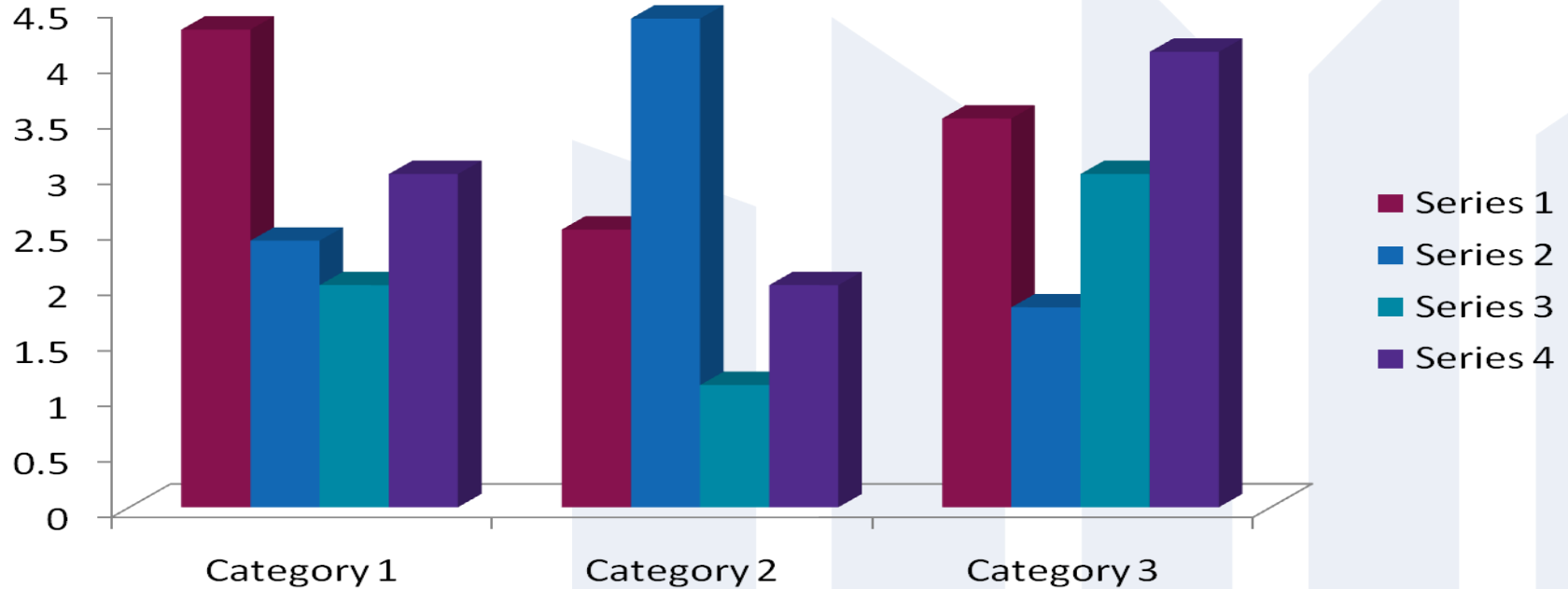


Pantone 650
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Pantone 428
R-197 G-203 B-209

Here is What A Graph Looks Like



The Gears within the Gears (Research)

