



AAS

Association for
Academic Surgery

Leveraging Collaborations in Basic and Translational Science

Rebecca M. Rentea, MD

Assistant Professor

Pediatric Surgery

Children's Mercy Hospital- Kansas City, University of Missouri

Disclosures

- There are no disclosures that are related to the this talk
- 

My path...



My path

- 2008-15 General Surgery
 - Medical College of Wisconsin, Milwaukee WI
 - 2010-12 basic science research- Children's Hospital of Wisconsin
- 2015-17 Pediatric surgery fellowship
 - Children's Mercy Hospital – University of Missouri- Kansas City
- 2017-18 Colorectal and pelvic reconstruction fellowship
 - Nationwide Children's Hospital- Ohio State University
- 2018- present
 - Children's Mercy Hospital – Kansas City
 - Director Comprehensive Colorectal Center

My 5 year plan

- Originally basic science lab (70 research/ 30 clinical)

JOURNAL OF SURGICAL RESEARCH 184 (2013) 66-70

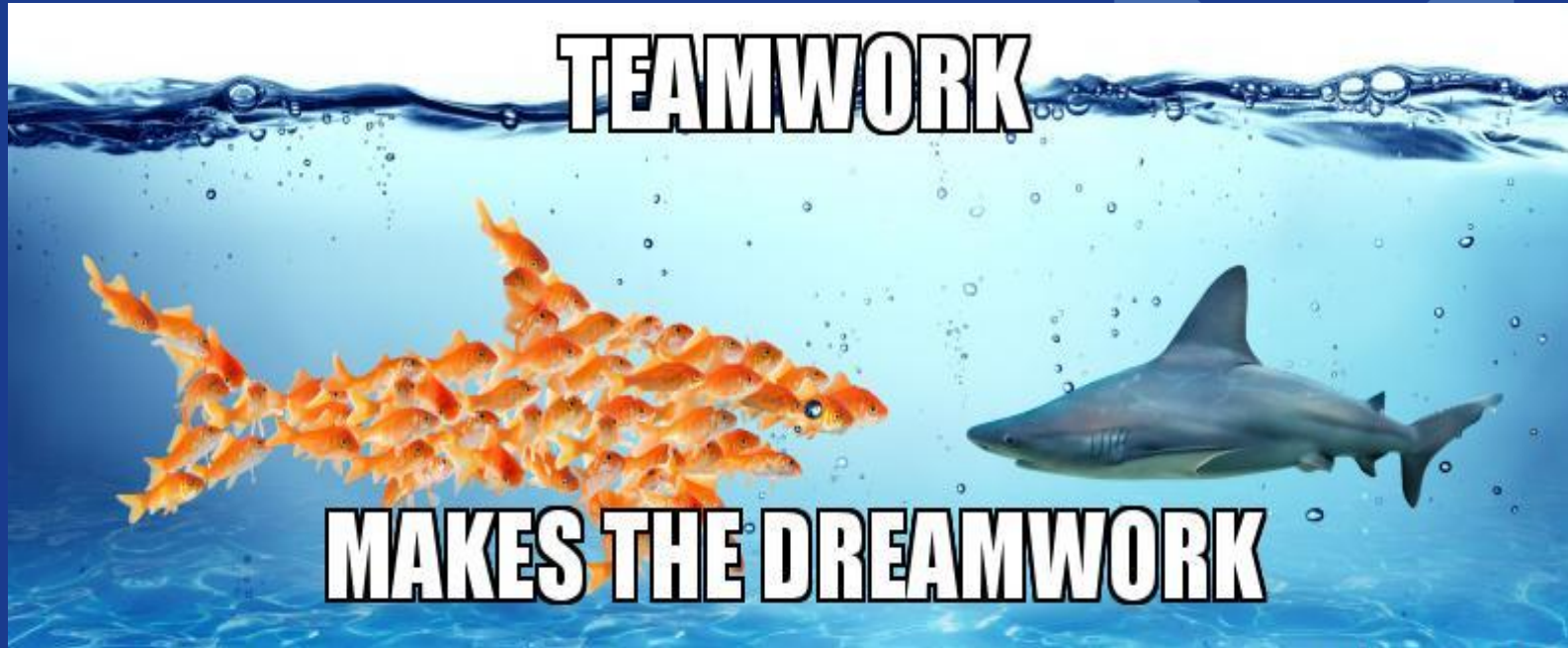
Association for Academic Surgery

The pediatric surgeon's road to research independence: utility of mentor-based National Institutes of Health grants

Alice King, MD,^a Ian Sharma-Crawford,^a Aimen F. Shaaban, MD,^a
Thomas H. Inge, MD, PhD,^a Timothy M. Crombleholme, MD,^b Brad W. Warner, MD,^c
Harold N. Lovvorn III, MD,^d and Sundeep G. Keswani, MD^{a,*}

- Now building a clinical/ research program
 - Comprehensive Colorectal Center- Children's Mercy
 - Northwestern University - Health sciences outcomes research masters

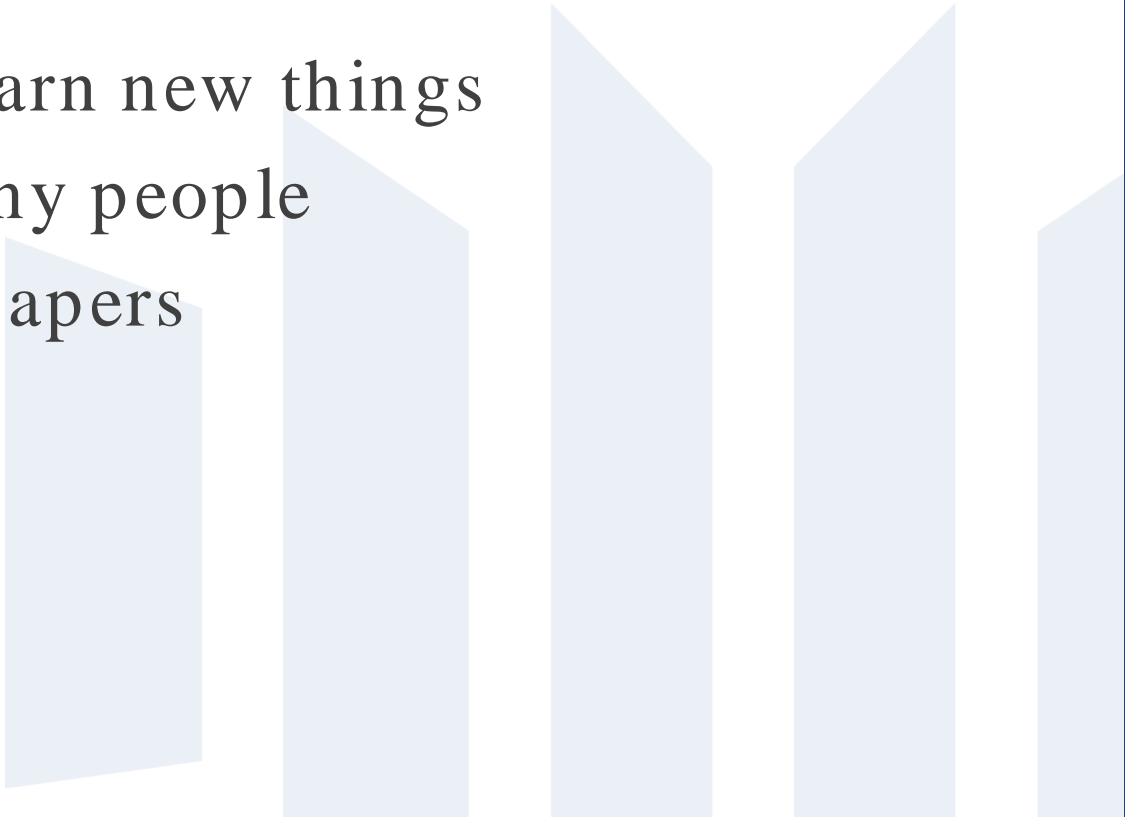
Why Collaborate?



Reasons to collaborate

- Building something greater, bigger project/ idea
- Utilize specific expertise
- Work on more complex projects
- Build a team for grant funding
- Get more done (papers!)

Traits you must have

- Willingness to learn new things
 - Talking with many people
 - Reading all the papers
 - Planning
- 

My story...

Looking for help!



Collaboration and teams...

How collaboration happens

How to Make Sure Agile Teams Can Work Together

by Alia Crocker, Rob Cross, and Heidi K. Gardner

MAY 15, 2018

- 20-35% of valuable collaboration performed by 3-5% of employees

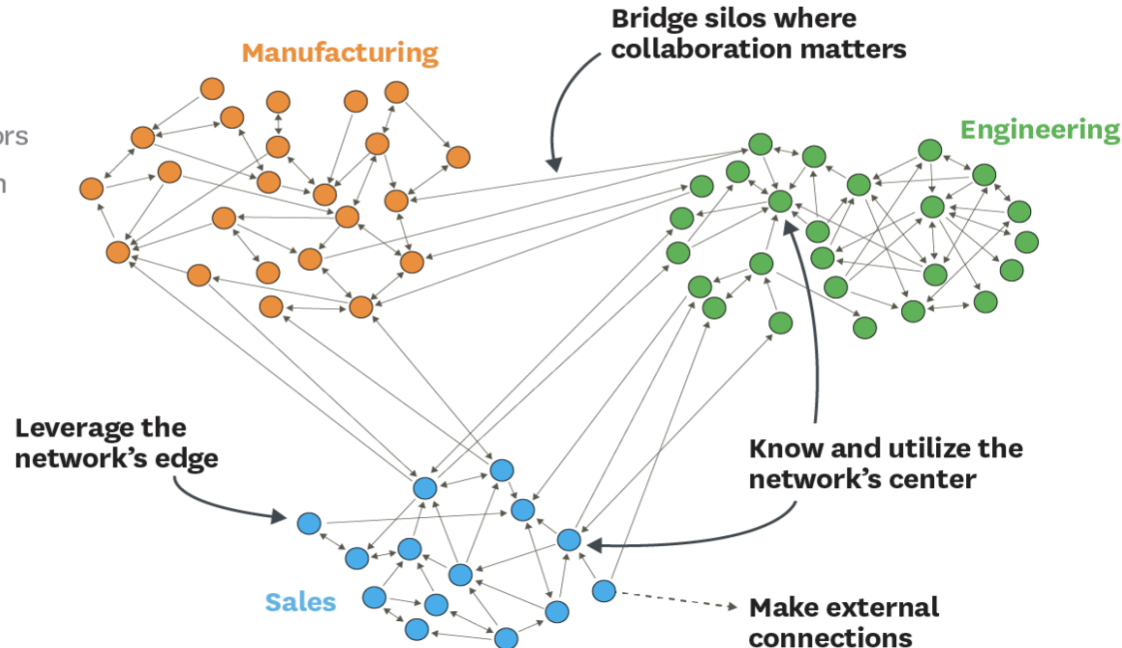


To Manage Collaboration, Pay Attention to 4 Points of Execution

- Ask yourself if you're identifying networks' centers, leveraging their edges, bringing silos together, and making external connections.

KEY

- Employees
- | Frequent collaborators
- ▲ Information exchanges



How to Make Sure Agile Teams Can Work Together

by Alia Crocker, Rob Cross, and Heidi K. Gardner

MAY 15, 2018

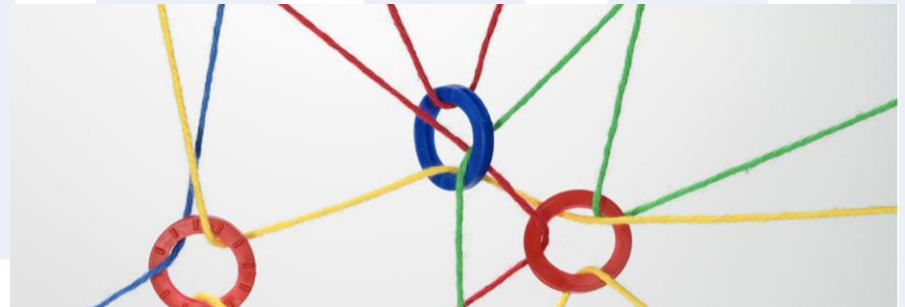
- Role model behavior (co-lead)
- Pairing people for tasks during collaboration
- Bridge the silos
- Organize/ attend events to promote connectivity

A Study of Thousands of Dropbox Projects Reveals How Successful Teams Collaborate

by Adam Pah, Brian Uzzi, and Rebecca Hinds

JULY 20, 2018 **UPDATED** JULY 26, 2018

- Go small (2 to 3 people working on project)
- Take your time (number of days worked on project)
- Increase same team collaborations



5 Common Complaints About Meetings and What to Do About Them

by Paul Axtell

JUNE 04, 2018

- One or two people dominate- get a facilitator engaged
- No meeting leadership-prepare the agenda
- Just passing on old information- write out meeting goals
- No one is paying attention-set new norms
- Nothing gets done- closure on each topic



Final take-home points...

Bringing collaboration to labwork

Important points

- Collaboration is learned and exercised
- Understand
 - Who controls the the final product
 - Potential logistic issues between labs
- Pick projects with deadlines vs. no deadlines
- Know what you bring to the table

- Once you get going...
- Accept many offers, yet be selective
- #lifehack #protip:
- Every opportunity that is not integrated into your collaborative plan may take a disproportionately large amount of time

Summary

- Never reject an idea- put them all in one place
- Be willing to learn new techniques (learning>returns)
- High yield unique skillsets pay off
- Know when to stay in your lane
- Collaboration leads to many more great projects!

Thank you.



Rebecca M. Rentea, MD
Children's Mercy Hospital, University of Missouri Kansas City

[rrenteacmh.edu](mailto:rrenteacmh@cmh.edu)