There’s an App for That!

Trello
A New Organizational Tool

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Disclosures: None
Objectives

- Demonstrate use of novel web-based resource to track resident scholarly activity productivity
- Create shared pages to hold valuable resources for scholarly activity
- Brainstorm other ways to utilize Trello in your program
Since 2014, improving “opportunities for scholarly activity” has been a program goal.

Interventions:
- Providing workshops (non-mandatory) that focused on research skills or mentorship,
- Widespread notification of conference abstract deadlines (monthly emailed newsletter, calendar in conference room)

We saw a rise in publications and conference presentations.
Background

Scholarly Activity 2014-2016

- 2014: 27 Presentations, 11 Publications
- 2015: 42 Presentations, 8 Publications
- 2016: 60 Presentations, 35 Publications
Our Initiative

• “The Scholars Council” was started in the 2016-2017 academic year

• Goals:
  • Reach ALL residents and interns
  • Compile resources
  • Teach skills such as scientific writing, process of publication, etc
  • Residents to report their progress on scholarly projects
Tracking resident productivity
Resident Project List

• Use a Productivity Pipeline

• Semiannual updating of each residents project list, the coauthors, their goal for the project (what journal or conference) and where the project was along the following productivity pipeline:
## Project List Example 2016-2017

<table>
<thead>
<tr>
<th>Resident</th>
<th>PGY Level</th>
<th>Clinic Group</th>
<th>Career Goals</th>
<th>Active Project Title</th>
<th>Authors</th>
<th>Planned conference/journal</th>
<th>Productivity Pipeline Sept-Oct 2016</th>
<th>Productivity Pipeline Jan-Feb</th>
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<tbody>
<tr>
<td></td>
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<td>Cardiology</td>
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<td>Journal of Cardiac</td>
<td>Drafting—editing</td>
<td>Submitted, no accepted, resubmitting</td>
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<td>QI, cardiology meeting,</td>
<td>Chart review</td>
<td>AMA QIQR accepted, present in April 2017, abstract to be published in Circulation: cardiovascular quality and outcomes supplement in March 2017</td>
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<td>DOSM—brief report</td>
<td>Drafting</td>
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<td>Imaging case report</td>
<td>Drafting</td>
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<td>T Journal</td>
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<td>Image journal</td>
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<td></td>
<td>Southern Hospital Medicine</td>
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<td>Home/Chic</td>
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<td>Case reports in oncology</td>
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<td>Southern Hospital Medicine</td>
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<td>Presented at SDDW 2016</td>
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<td>Southern Hospital Medicine</td>
<td>Accepted, poster presentation 10/2016</td>
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</tbody>
</table>

*Note: The table includes various projects with associated authors and planned conferences/journals, along with productivity pipelines for different time periods.*
Let’s get technical

• For the Academic Year 2017-2018 – we went to a web-based program to track resident projects - Trello

Simple on the surface, with more under the hood.

A Trello board is a list of lists, filled with cards, used by you and your team. It's a lot more than that, though. Trello has everything you need to organize projects of any size.
Let’s get technical

- For the Academic Year 2017-2018 – we went to a web-based program to track resident projects - Trello

- Resident groups were created (based on X + Y cohorts)
  - Each resident has a private board in the group
  - Assigned administrators can see resident boards, residents see only their board
Trello

- Residents boards are prepopulated with the columns that correlate to the productivity pipeline
- They add their projects as cards
- Within the cards – they put goals for project, authors. They can add checklists, due dates, and chat with administrators of board
- Cards are mobile, drag across columns
Walk Through Personal Boards
Create Shared Boards

- All residents, or those in groups (such as clinic) can have shared boards
- Use for tracking clinic projects
- Use for publicizing upcoming conferences or deadlines
Interactive Conference Calendar
Resources Board to Facilitate Scholarly Activity

- Instructional
  - “How-To” articles provided as PDFs
  - Powerpoints and tutorials from previous workshops

- Example documents from other residents
  - Databases (de-identified)
  - IRB proposals
  - Manuscripts/Abstracts

- USF wide resources
  - IMPACT (manuscript review service)
  - GME statistician
  - RedCap institutional access instructions
  - IRB links to templates and guides
Our Progress

• Academic Year 2017-2018 Scholarly Activity:

• Publications:
  • 36 Peer-reviewed publications
  • Additional 15 Publications, accepted and in press

• Conferences:
  • 95 Conference presentations
  • Resulting in 73 Abstract Publications

• ACGME survey results
  • Improved 15% in one year
  • Presently at 75%
Brainstorm how you could use this organization tool in your program
Other uses in our second year:

- Shared Boards
- Quality Improvement Clinic Project Tasks
- Educational Resources
- Collaboration/Project Bulletin Board

- Private Boards
- Board Study Plan
Walk Through Shared Boards
Summary

• Find a time where you can reach all your housestaff

• Provide resources such as “how-to’s,” templates, and examples

• Use small groups workshops to integrate basic research skills into the curriculum

• Track housestaff projects on an individual level to provide mentorship, encourage follow through, and increase accuracy of your programs metrics