

AP-TIP IN *a Tale of STEM College (and Career!) Readiness*



Karen M. Morris
AP-TIP IN Program Director
Morris.3@nd.edu
<http://iei.nd.edu/aptipin>
October 16, 2017

AP-TIP IN Program Goals

Communication

Fidelity to Logic Model

GOAL 1.

- Increase the number of students taking AP math, science, and English (MSE) courses

Center Activities on Program Goals

GOAL 2:

- Increase the number of AP MSE Qualifying Scores (scores of 3, 4, or 5) compared to baseline year

Stakeholder “buy in”

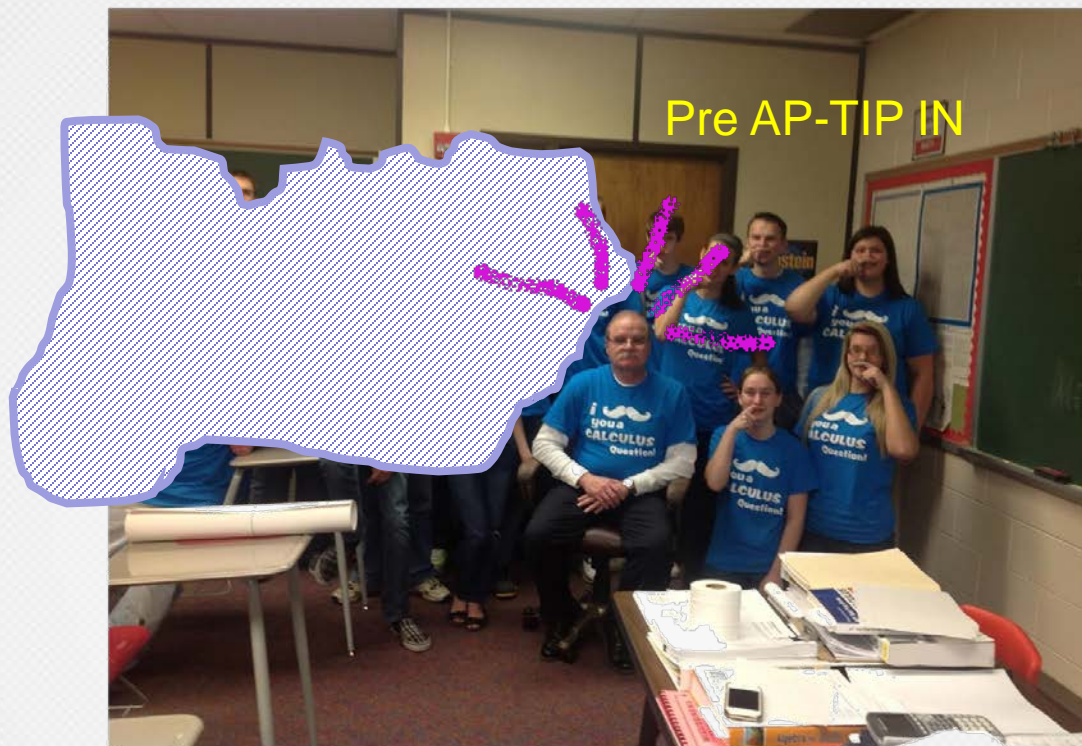


NATIONAL
MATH + SCIENCE
INITIATIVE



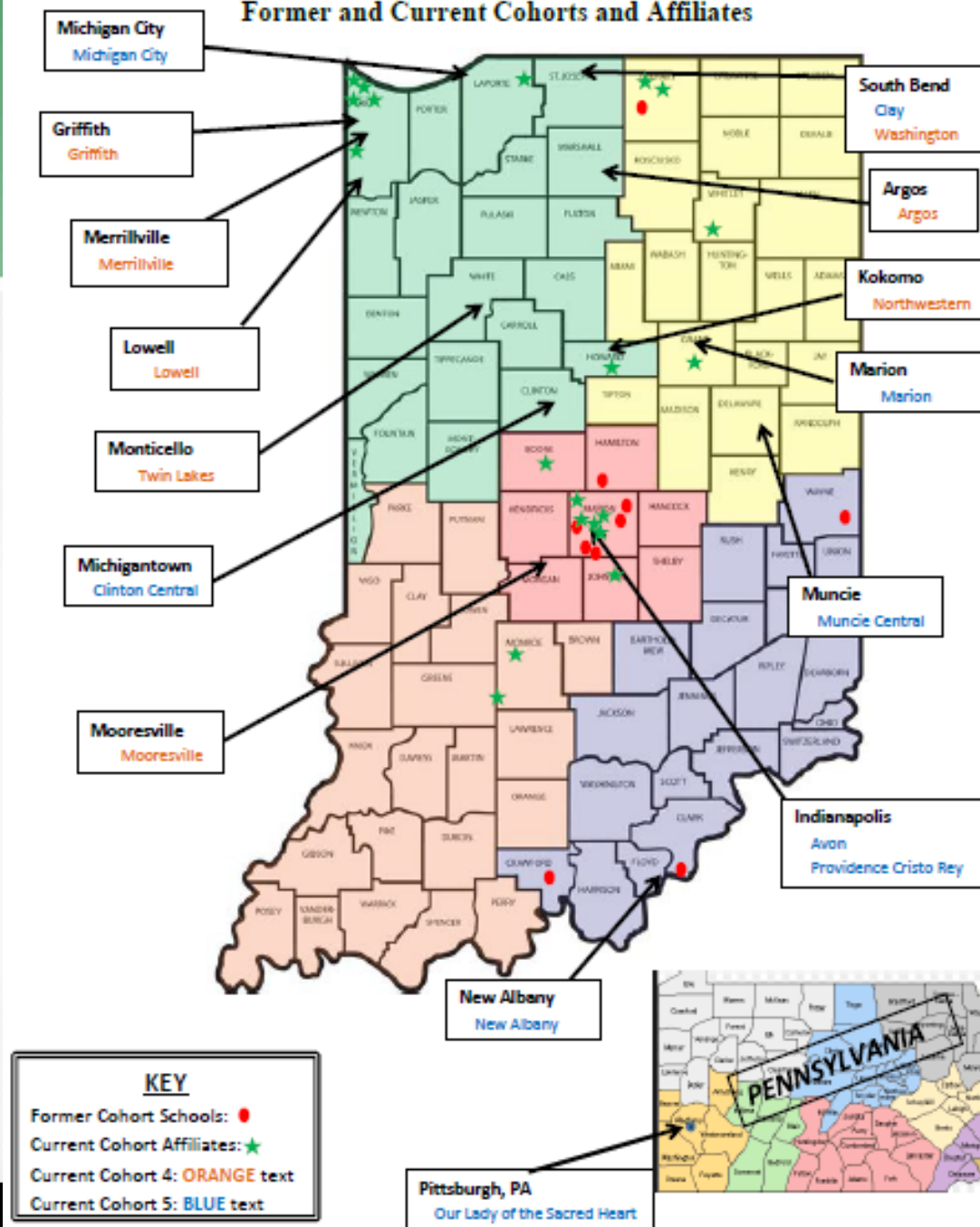
AP-TIP IN Story

Mississinewa HS AP Calc AB



AP-TIP IN Schools

AP-TIP IN Schools: 2017-2018 Former and Current Cohorts and Affiliates



AP-TIP IN Story: Opening the Door!

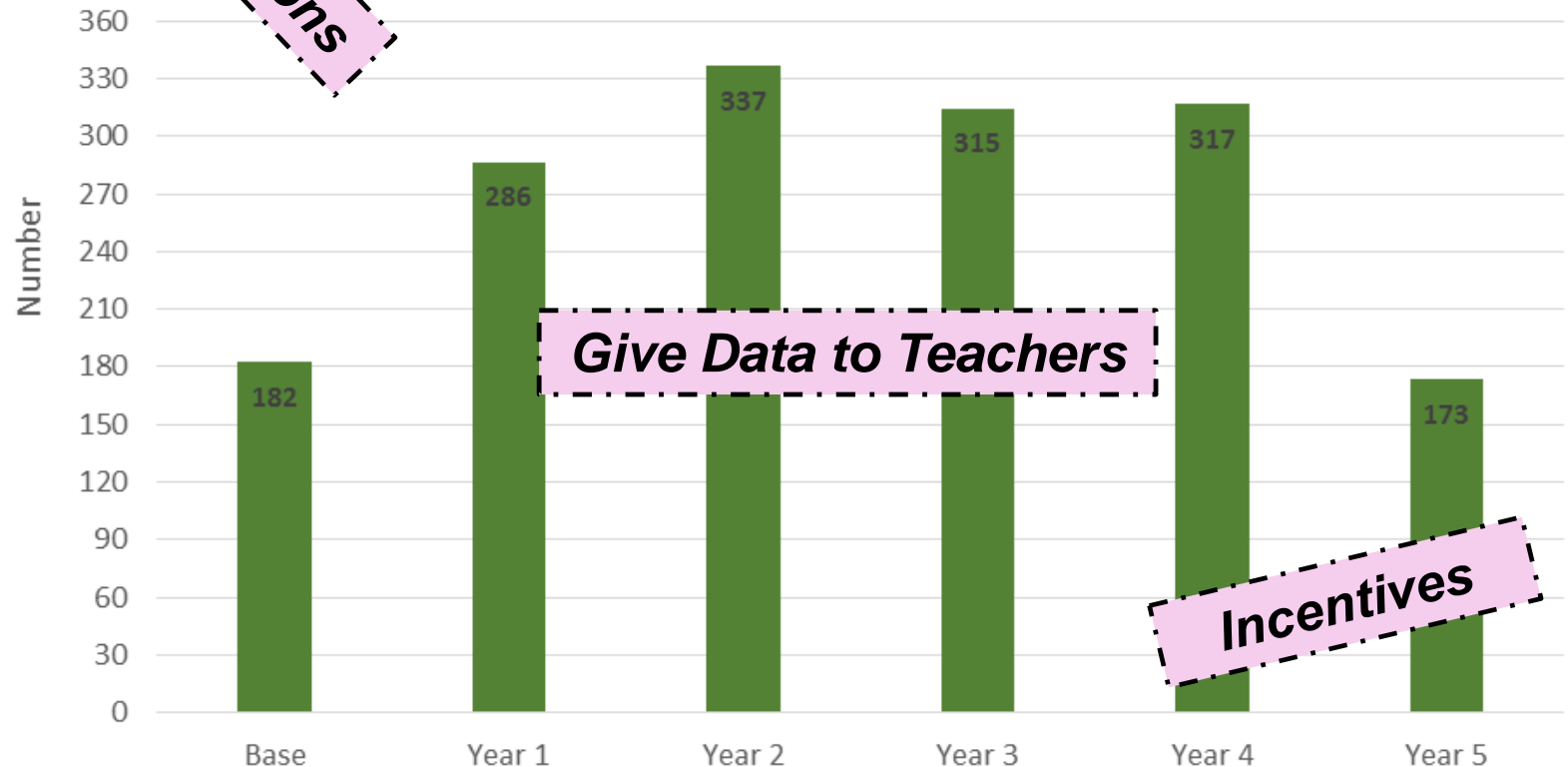


Some Data

Personalized Invitations

Use Data tools

Cohort 1 - 3 Average Enrollment per School
2012-2017



Give Data to Teachers

Incentives

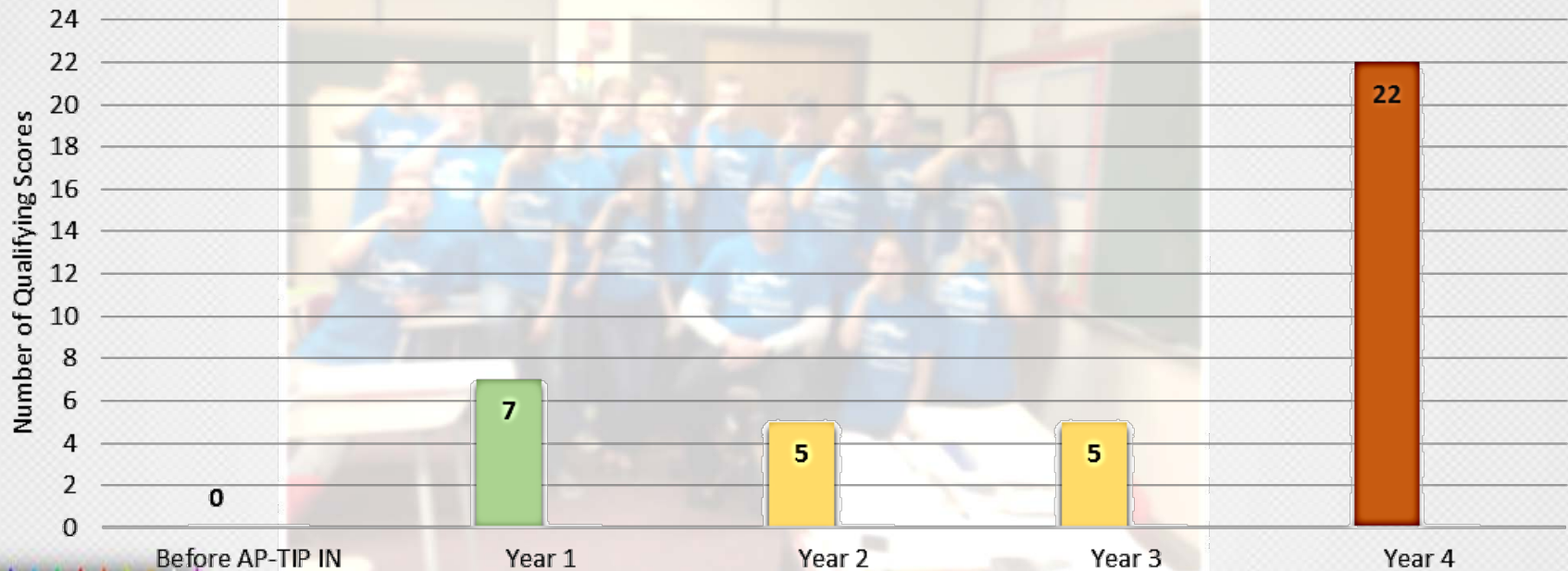
Our *Success* Strategies

- High quality, frequent teacher professional development focusing on access and success
- Content Directors mentorship (support, visits, etc.)
- Materials focused on student success in AP classrooms
- More time-on-task for Students
- Incentives (when available)



AP-TIP IN Story: Supporting Success

Mississinewa HS AP Calculus AB Qualifying Scores



Some More Data

Peer Editing Strategy

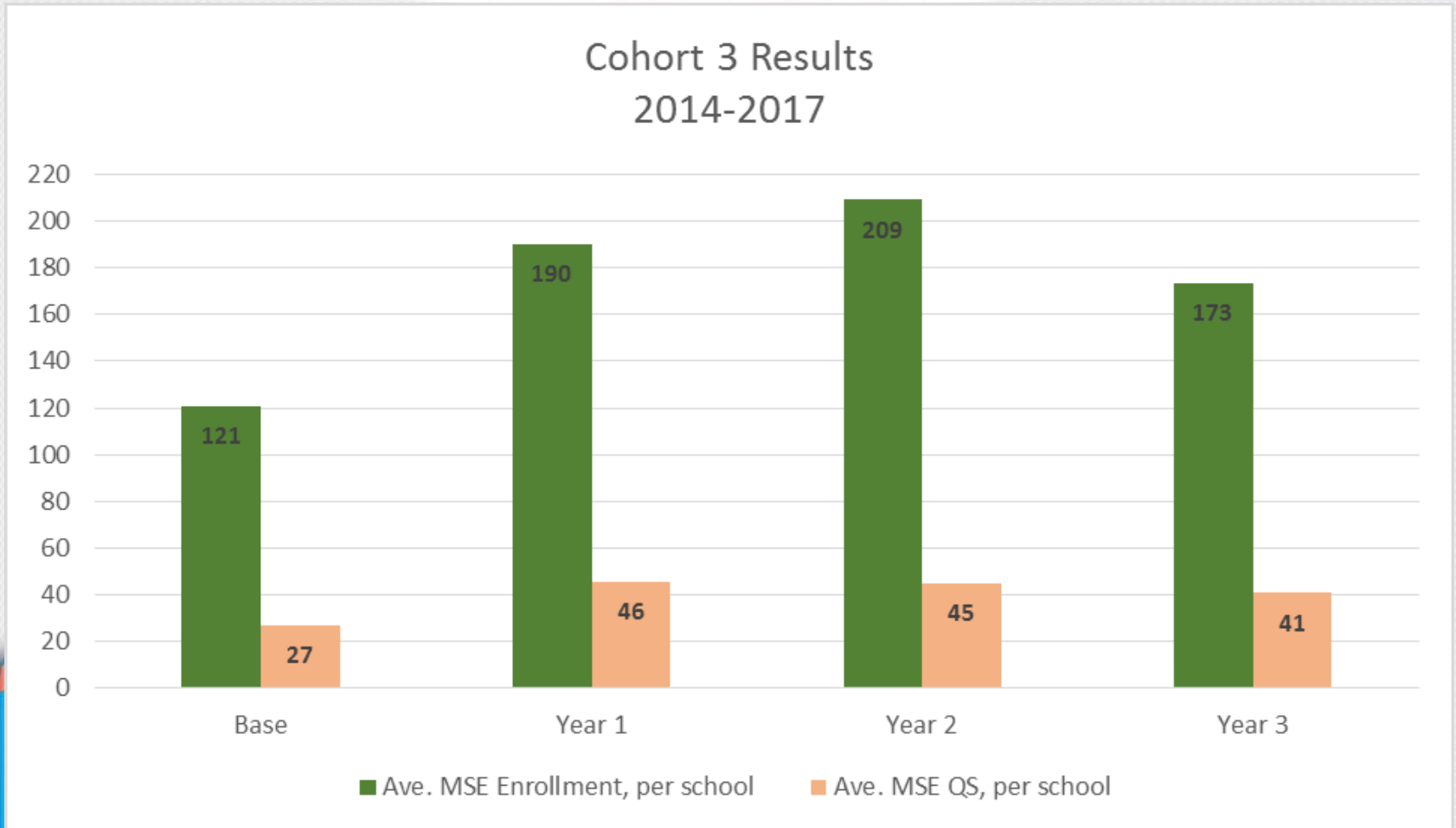
Analyzing Graphs

Cohort 1 - 3 Average Qualifying Scores per school
2012-2017



Claim-Evidence-Reasoning

What about Cohort 3?



AP-TIP IN Impact 2012 - 2017

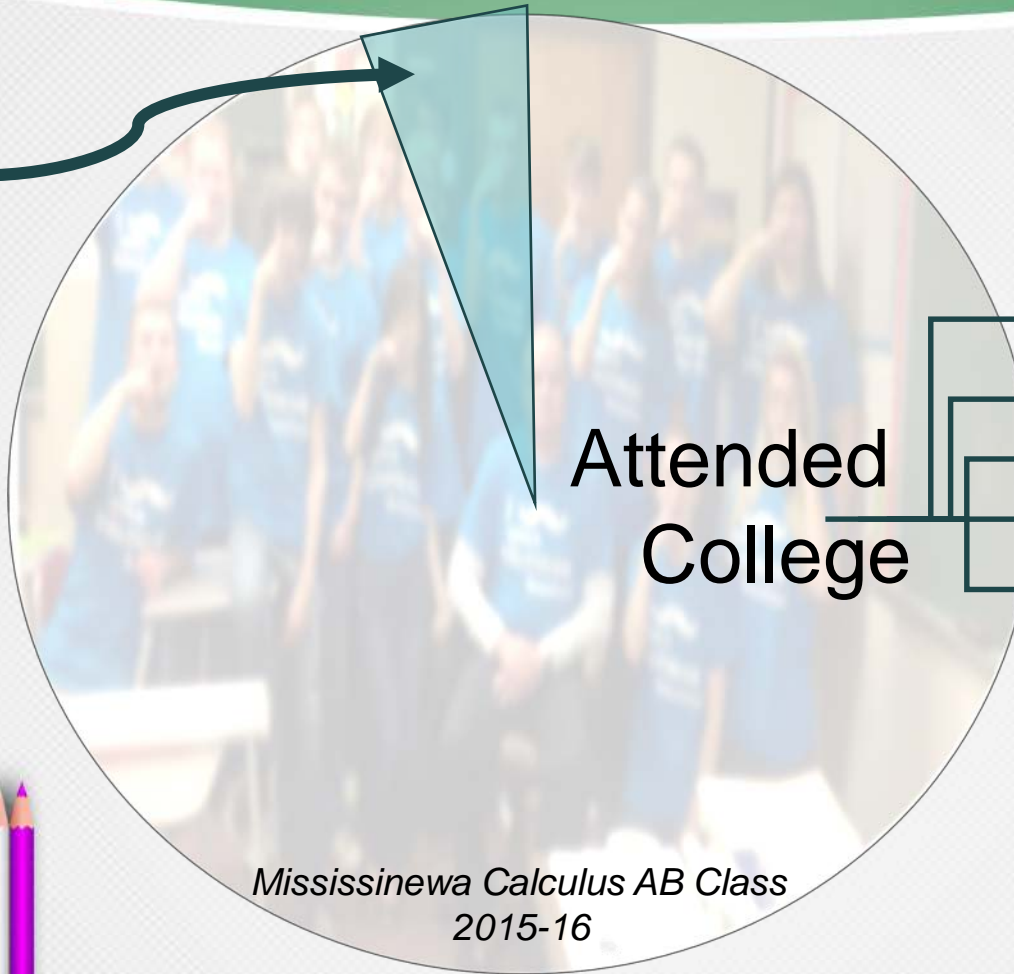
- Number of Students served = 19,063
- Number of Teachers served = 323
- Number of AP MSE courses taken = 28,743
- Number of AP MSE Qualifying Scores = 11,387
- Qualifying scores translate to about

\$8,600,000** in college tuition \$\$
saved.



AP-TIP IN Story: Supporting Success

Military
Service



2018 and Beyond

- **Looking to expand longitudinally throughout state (125 High Schools).**
- **Looking to expand to “non-STEM” areas.**

Questions?

Slides and Handout are available at:

<https://drive.google.com/drive/folders/0B6SLzKfQI-R9bHBMUGFac3gyMm8?usp=sharing>

