

College of San Mateo

Reading Apprenticeship

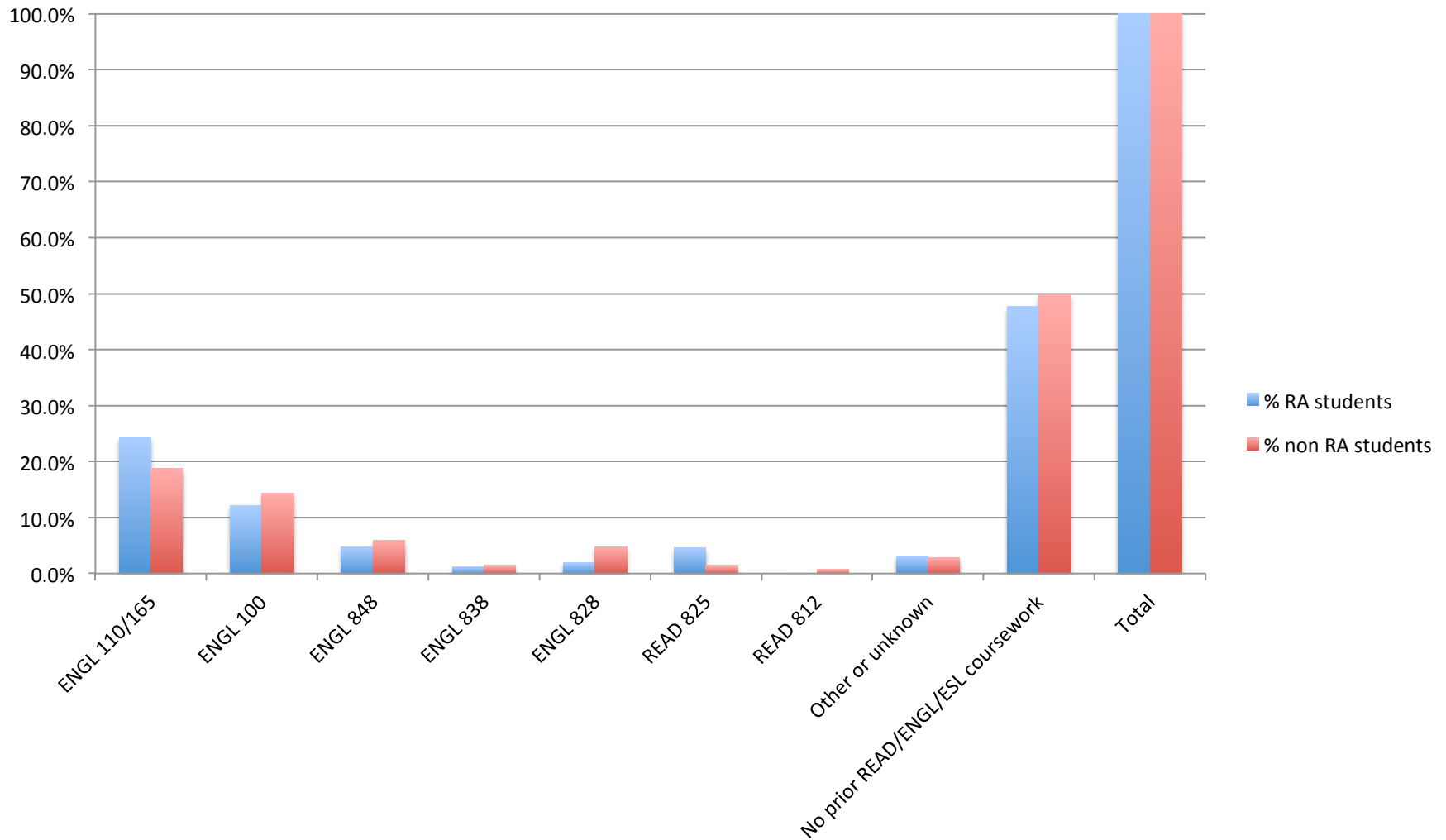
A student success initiative

Institutional Planning Committee

September 20, 2013

Kathy Diamond, Theresa Martin, Jennifer Mendoza

English/Reading Level of 2012-2013 CSM Students



Highlights of the RA Initiative

1. Improving the learning experience of students
2. Coalition building across the campus
3. Increased campus leadership
4. More than 50 faculty and staff trained in RA
5. Three active Faculty Inquiry Groups
6. Development of capacity to train in RA internally
7. Development of assessment tools and strategies

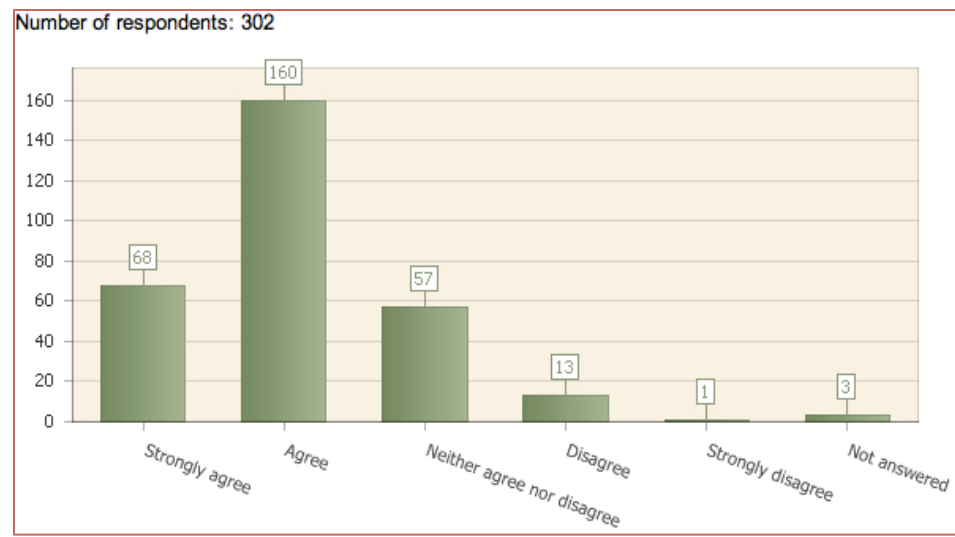
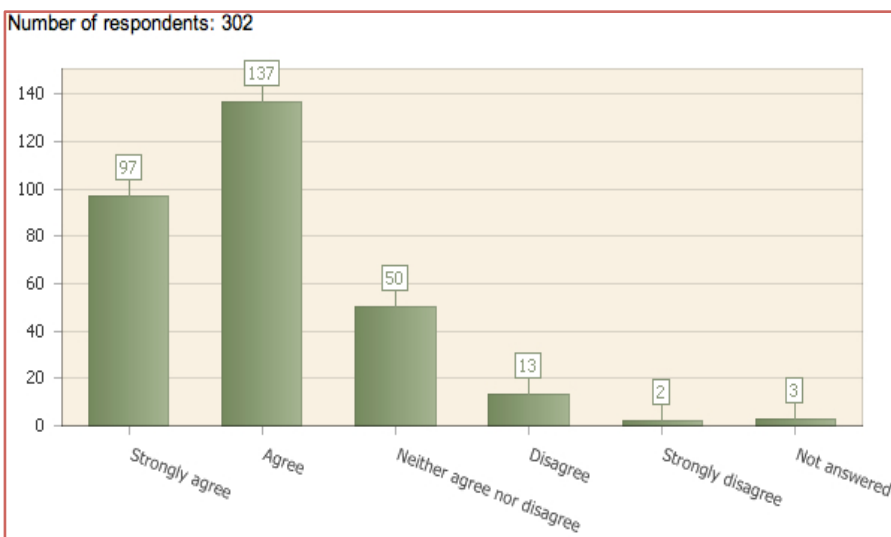
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How RA is Effecting the Student Learning Experience

- *“Reading activities helped me improve my performance in this class.”*

- *“Working with reading strategies in class has given me confidence in my ability to comprehend what I read.”*



Student Self-Report of Reading Strategies

METACOGNITIVE AWARENESS OF READING STRATEGIES INVENTORY (MARS)

KEY

GLOB = Global Reading Strategies

PROB = Problem Solving Strategies

SUP = Support Reading Strategies

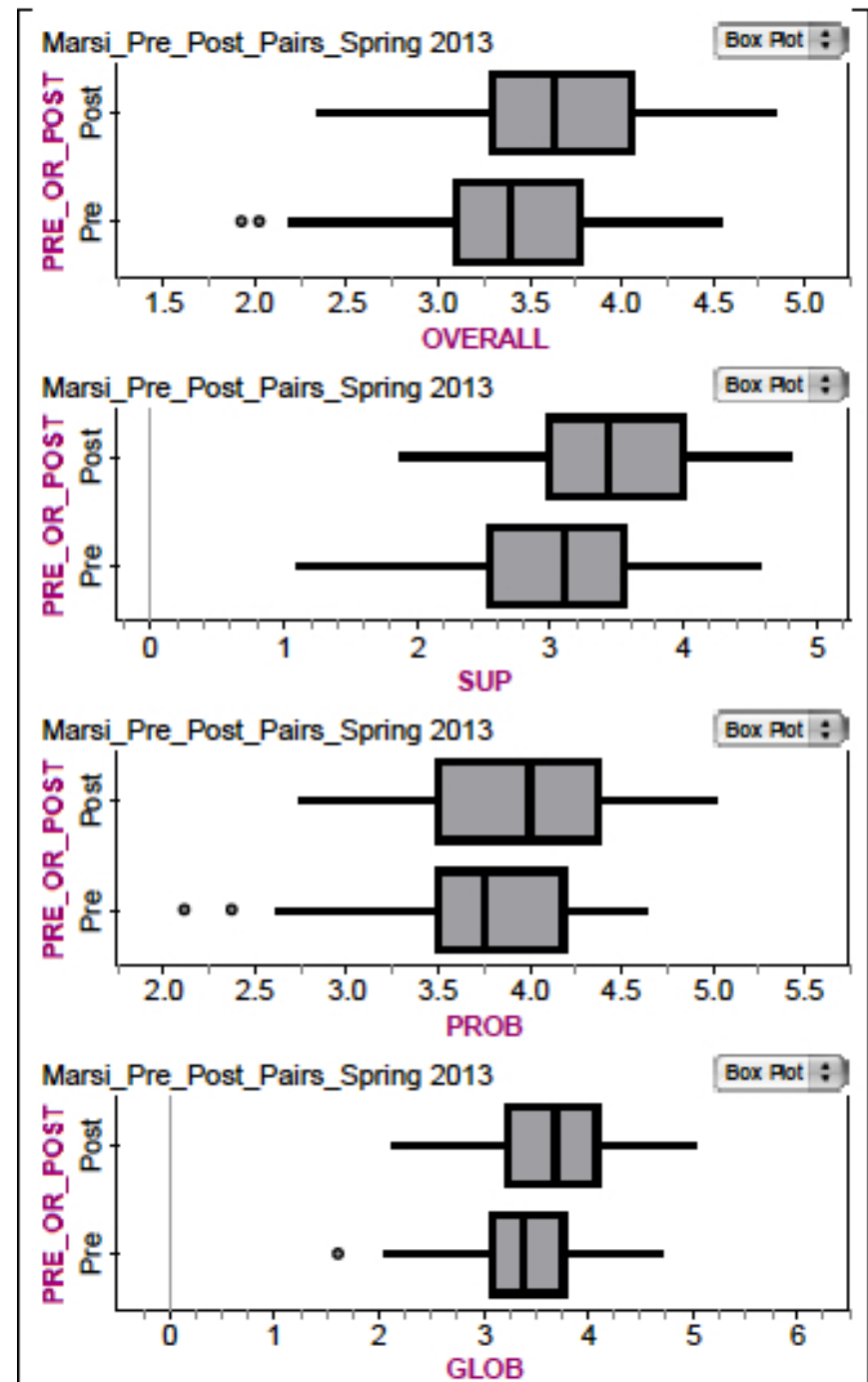
OVERALL = Mean of Scores

KEY TO AVERAGES:

3.5 or higher = High

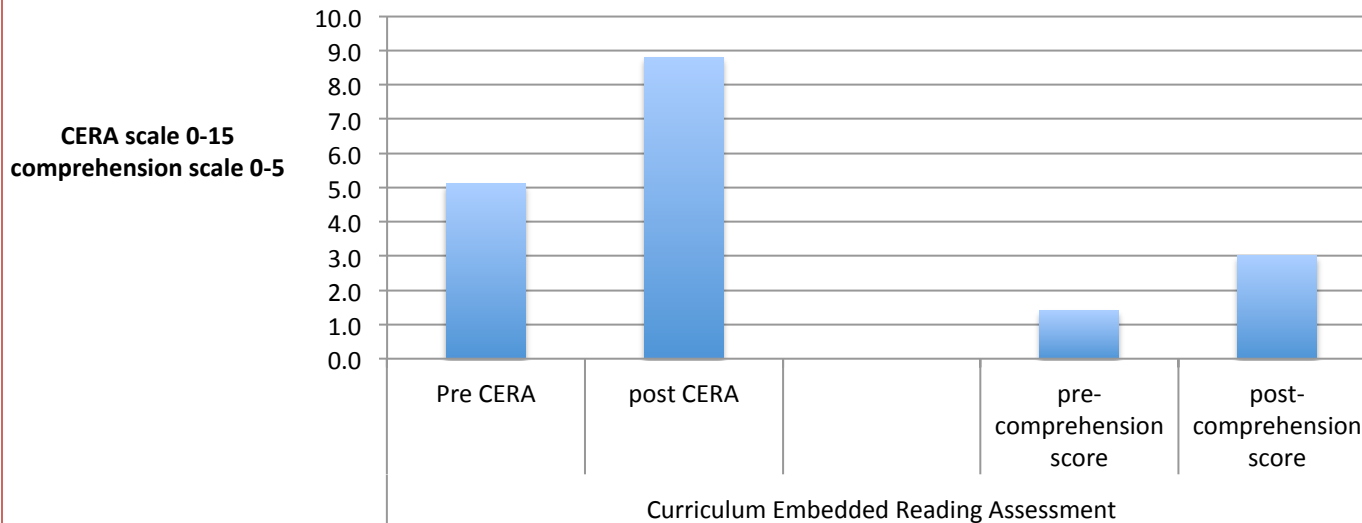
2.5-3.4 = Medium

2.4 or lower = Low



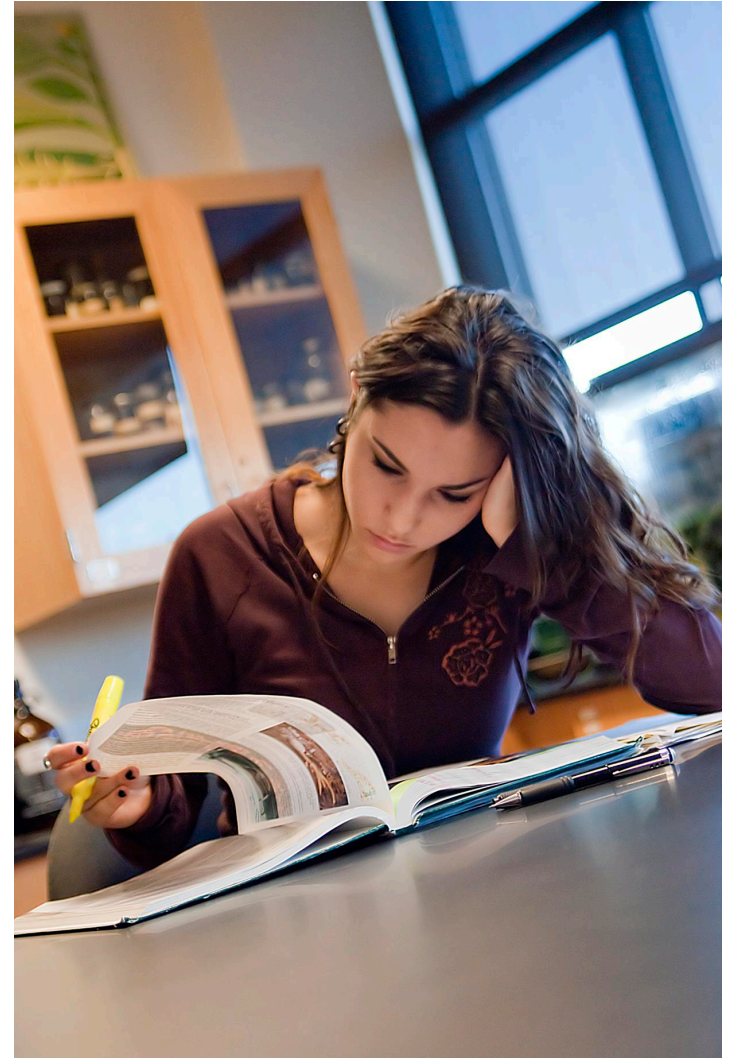
Improved Reading Skills

**Curriculum Embedded Reading Assessment (CERA)
Mean Skill Score and Mean Comprehension Score
Pre and Post RA intervention
n=16**



RA in the CSM Learning Center

- Tutor Inquiry Groups (TIG)
- Reading Apprenticeship Workshops
- Students will have definite **strategies** to understand and organize concepts and information contained in textbooks



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Academic Year 2012-2013

Support for RA has come from:

- Academic Senate, SoTL Center
- Basic Skills Initiative
- Learning Center
- President's Innovation Fund
- Professional Development Committee
- Measure G funds
- 3CSN

Faculty support of Reading Apprenticeship

- Academic Senate has made RA their highest priority in their 2013/2014 goals
- The SoTL Center has been revived to support faculty professional development
- Two professional enrichment co-coordinators work to develop and promote professional development opportunities

Academic Senate

Goals: 2013-2014

Governing Council has identified the following areas as priorities for faculty in the 2013-2014 academic year:

- **Professional Development**

- SoTL Center Faculty Initiatives:

- Reading Apprenticeship
 - Community College Teaching and Learning Program
 - Flex Activities Coordination
 - Speaker Series (in collaboration with the Diversity in Action Group, Basic Skills Initiative, ASCSM, and the President's Office)

- **Professional Engagement**

- **Cross-Campus Communication: Breaking down the silos**
- **Addressing Student Success Task Force Recommendations**

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RA Premise

Experts in the
field share their
reading process;
students
collaborate to
develop reading
strategies.

Predicting

I predict...
In the next part...
I think this is...

Visualizing

I picture...
I can see...

Questioning

A question I have is...
Could this mean...

Making connections

This is like...
This reminds me of...

Identifying a problem

I got confused when...
I'm not sure of...

Using Fix-ups

I'll reread this part...
I'll read on...

Summarizing

The big picture is...
I think the point is...
So what its saying is...

PERFORMANCE IN BIOLOGY 110 CLASSES:
PRE-READING APPRENTICESHIP (2011-2012)
VS.
"BEGINNER" YEAR OF RA (2012-2013)

Fall 2011 & Spring 2012 (pre-RA)

Retention	73%
Success	71%
A + B grades	36%
C grades	35%

Fall 2012 & Spring 2013 (1st year RA)

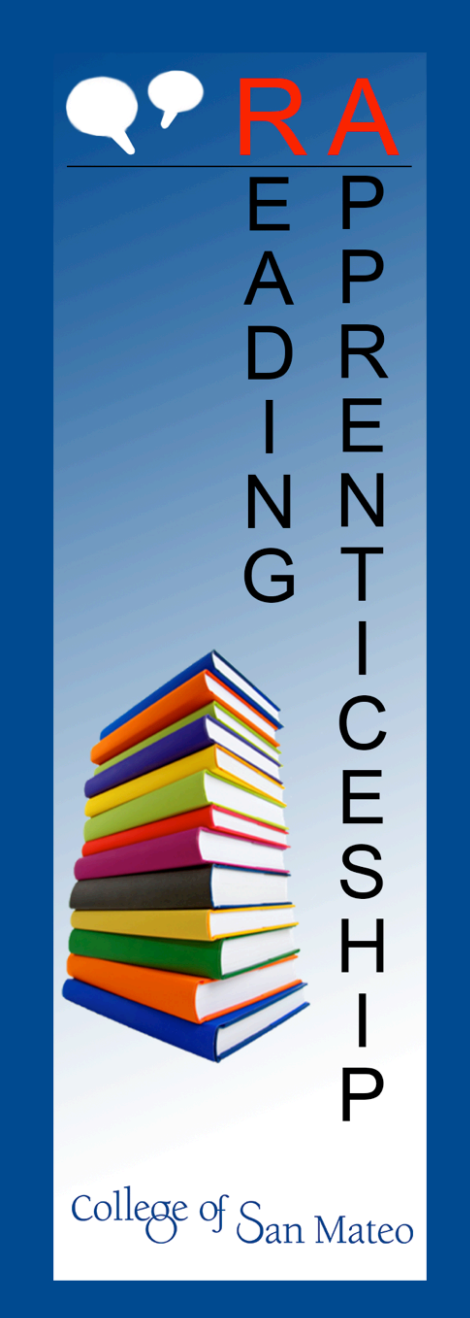
Retention	74%
Success	68%
A + B grades	46% (curve 1% higher)
C grades	22%

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Disciplines engaging in RA this semester

- Biology
- Chemistry
- Math
- Physics
- Astronomy
- English
- ESL
- Reading
- Sociology
- Anthropology
- Psychology



The logo for RA Engaging Disciplines is set within a blue vertical bar. At the top left, there are two white speech bubbles. To their right, the letters 'RA' are displayed in a large, bold, red font. Below this, the words 'ENGAGING DISCIPLINES' are written vertically in a black, sans-serif font, with each letter of a word stacked on top of the next. To the left of this text is a stack of ten colorful books with spines in various colors including blue, orange, yellow, green, purple, and black. At the bottom of the bar, the text 'College of San Mateo' is written in a blue, serif font.

College of San Mateo

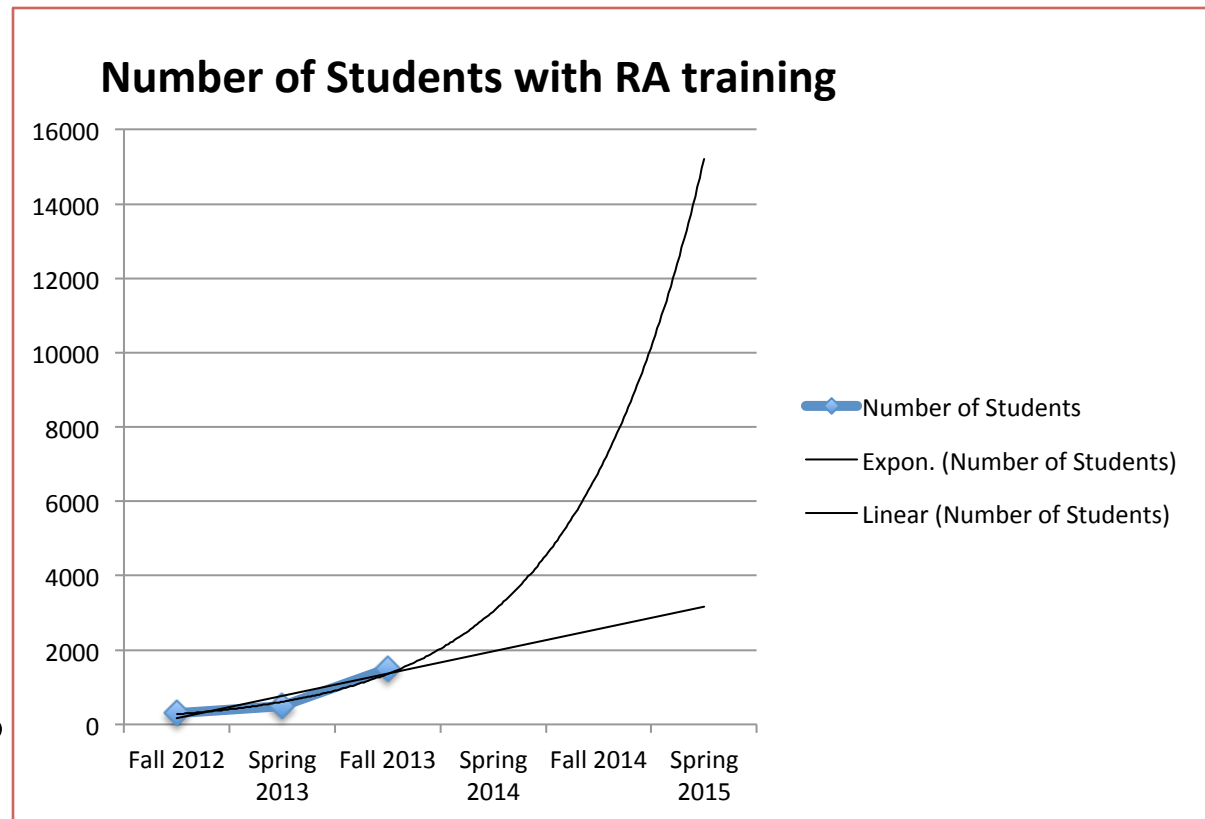
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1. Increased student engagement in classes, labs and centers
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Number of students exposed to RA

Current and Projected

- Fall 2012 – 300 students
- Spring 2013 – 500 students
- Fall 2013 – more than 1500 students (estimated)



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RA Next Steps

- Consolidate budget for 2013-2014
- Look for funding for 2014-2015
- Address administrative limitations on RA
- Promote, Participate, Evaluate



College of San Mateo



Focused on student achievement

Contributors

- President Mike Claire, Susan Estes, Jennifer Hughes and Gary Dilley
- James Carranza, Henry Villareal of BSI
- David Laderman and Academic Senate Governing Council
- Jeramy Wallace, Professional Enrichment Co-coordinator
- Charlene Frontiera and the Math/Science Division Office staff
- Cheryl Gregory, Chris Smith and John Sewart
- My colleagues in Biology, Reading and the Learning Center