

# AMATYC: What's the hype?!

Stephanie Garofalo

Georgia State University, Perimeter College

Robert Pruvencok

Georgia State University, Perimeter College

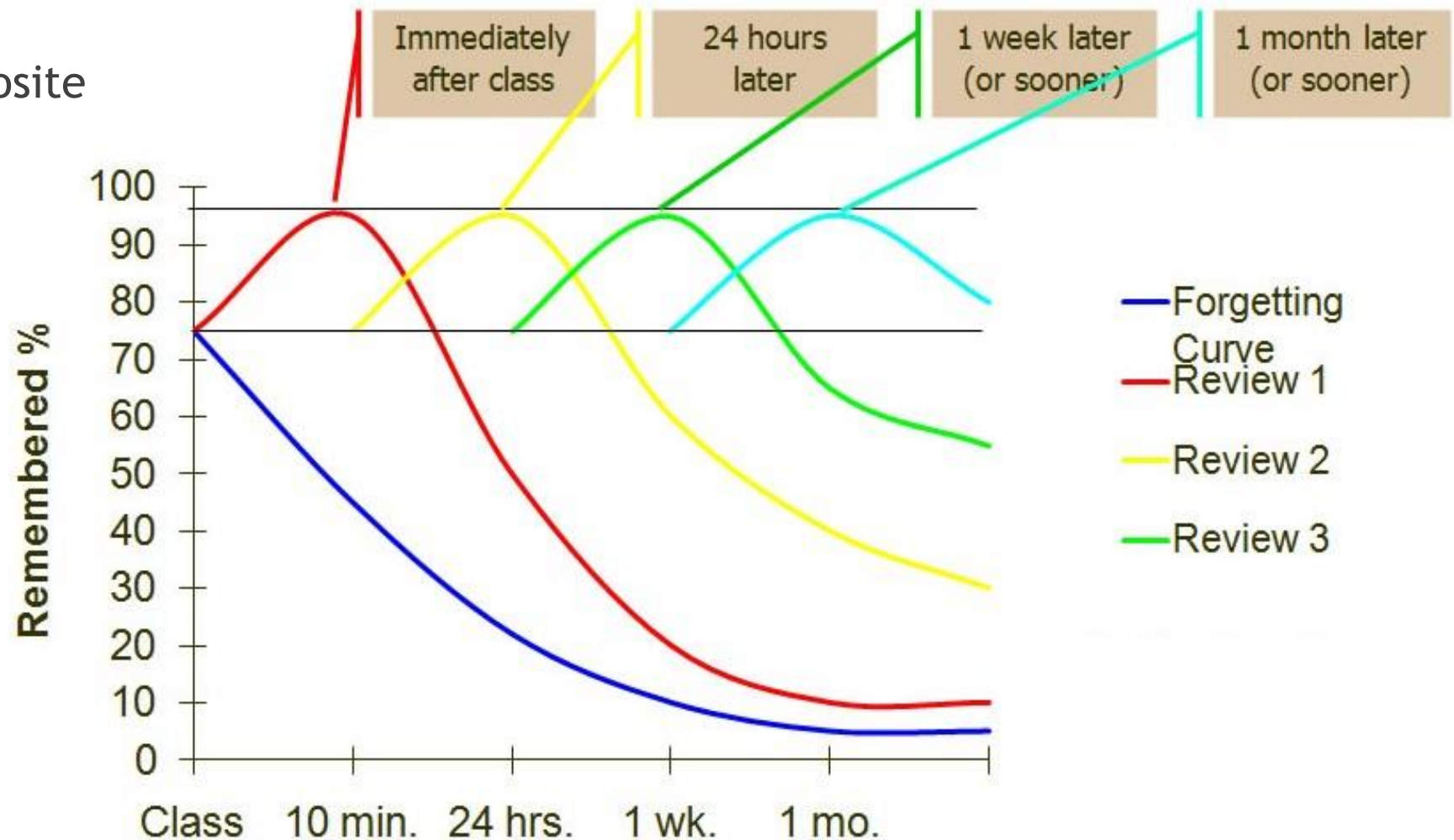
# Introduction

- ▶ AMATYC - American Mathematical Association of Two Year Colleges: [www.amatyc.org](http://www.amatyc.org)
- ▶ November 2017 conference in San Diego, CA
- ▶ November 15 - 18, 2018 in Orlando, FL
  
- ▶ Conference Proceedings at <https://amatyc.site-ym.com/page/2017ConfProc>

# Failure is not an Option...Or Is It?

Andrea Hendricks & Kelly Jackson

- ▶ “Failure is not the opposite of success; it’s part of success.”  
- Arianna Huffington
- ▶ The forgetting curve:



# “Public Service Announcement”

- ▶ Announcements in iCollege such as:
  - ▶ The students who completed the homework achieved an average score of 80% on the exam, while the students who did not complete the homework achieved an average of 55%

# Addressing Math Anxiety: Research Findings and Classroom Practices

Linda Zientek, Paul Nolting

- ▶ Anxiety kills working memory
  - ▶ Talk about it with them
  - ▶ Advice:
    - ▶ Take a few deep breaths
    - ▶ Tense and relax your muscles
    - ▶ Go to your happy place
- ▶ Model Metacognitive thinking for students


# Hands-On Precalculus - Modeling and More!

Lavertu, Paxton, Davis

- ▶ [Glendale.edu/precalculuslabs](http://Glendale.edu/precalculuslabs)
  - ▶ Polynomial dominoes - match graphs to functions
    - ▶ Could work with derivatives
  - ▶ Radian lab

# Apps

- ▶ PhotoMath - <https://photomath.net/en/>
  - ▶ Takes picture of problem and solves it
- ▶ WolframAlpha - <http://products.wolframalpha.com/mobile/>
- ▶ GraphLock - <https://www.graphlock.com/>
  - ▶ Calculator on phone, locks down phone, linked to instructor

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- ▶ “No significant learning occurs without significant relationships.”



Now...Robert Pruvencok!

# Thank you!

[SGarofalo@gsu.edu](mailto:SGarofalo@gsu.edu)

[Rpruvenok@gsu.edu](mailto:Rpruvenok@gsu.edu)