

# Helping Students Succeed: Logistics, Resources, Mentoring, and Advising



Garine Palandjian - Center for Student Success  
Melissa Brown - English & Communications  
Kevin Adkin - Acopian Center for the Environment

# The Statistics of Studying

Of 160,000 undergraduate students, 33% said they “do not know how to study” (Babcock & Marks)

May lead to: student stress, grades drop, lower participation, blaming professor

Modern life is busy for students and faculty, but there are ways to help students succeed without academia consuming your life.

# The Statistics of Studying

Studies continue to show that students spend less time studying - irrespective of major, gender, race, SAT scores, or size of institution. (Babcock & Marks)

In 1961, students spent 24 hr/week studying.

- Nearly 5 hr per course (5 courses per semester)

In 2010, students spent 14 hr/week studying.

- Down to 2 hr per course, per week
- 32% report less than 6 hr/week (that's less than one hour a day)

# Is There a Root Problem?

## College ≠ High School

- Students not trained to learn independently or manage their own education

## Learning techniques

- Does student know their learning style?
- Are faculty evolving, keeping up?

## Role of Technology

- Computers, phone, and internet may distract but they may also increase efficiency

## How can faculty help?...

# How You Can Help

## Give explicit expectations

- Clear, precise, detailed syllabus/assessment/activity

## Be available

- Life is busy, but your job is to educate
- Office hours - announce them and show up

## Train students to learn

- Learning skills that transcend specific field/subject
- Discuss how to improve their learning skills
- In-class activities to demonstrate learning skills

# How You Can Help

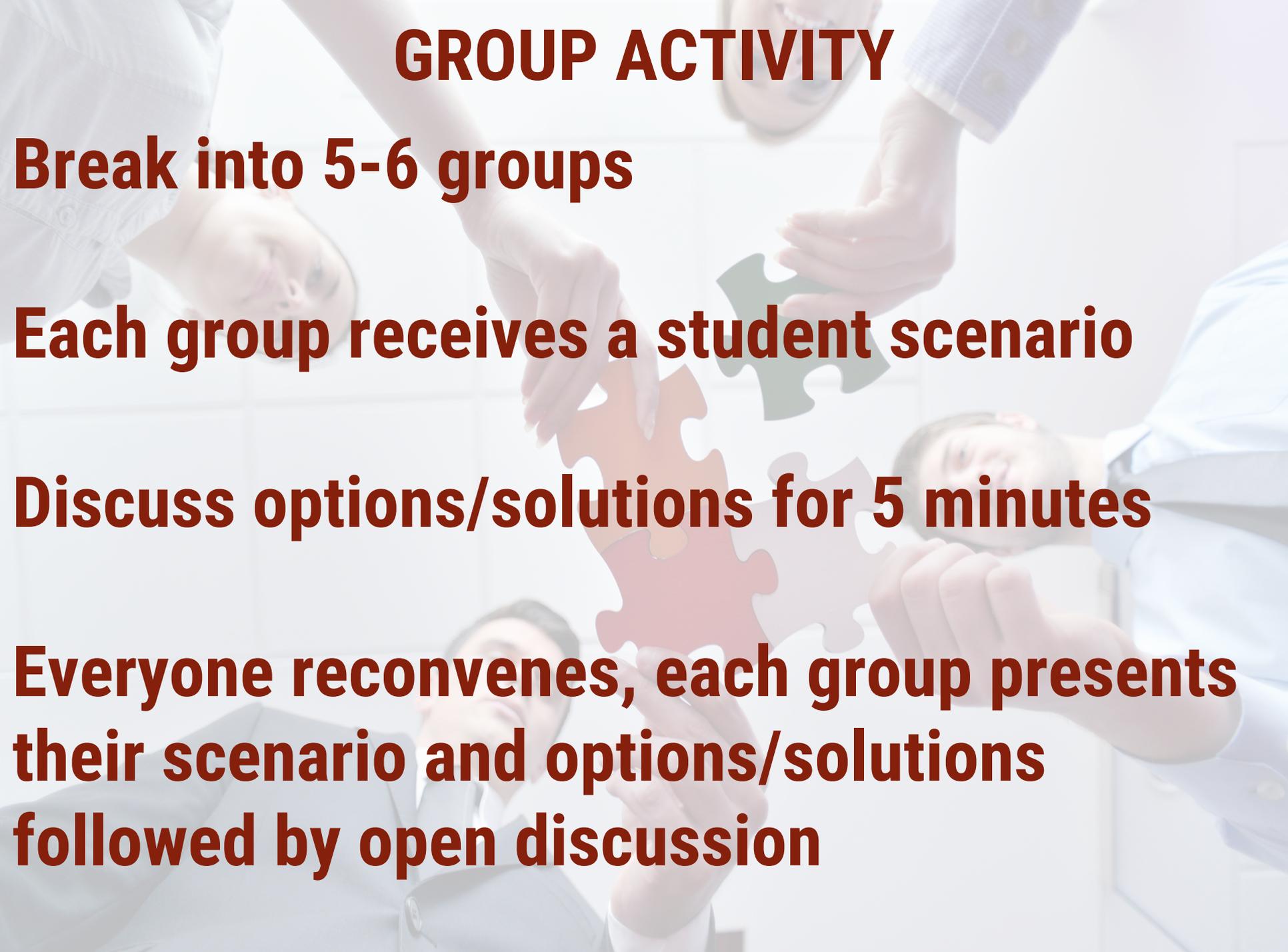
## Be aware and active

- Student's grade slipping? Ask to speak with them. They may be afraid or embarrassed.
- Suggest students create their own study group(s).

## Establish learning environment

- Set classroom ground rules
- Ensure all students can actively participate

And many, many more that we'll discuss...

A group of business professionals in a meeting, holding large puzzle pieces together. The puzzle pieces are in shades of blue, green, and red. The background is a bright, slightly blurred office setting.

# **GROUP ACTIVITY**

**Break into 5-6 groups**

**Each group receives a student scenario**

**Discuss options/solutions for 5 minutes**

**Everyone reconvenes, each group presents their scenario and options/solutions followed by open discussion**

# Scenario 1: Sally's Copious Notes

Sally is a good student who shows up to almost every lecture. As instructor, you can see her taking constant notes and remaining attentive during lectures.

Sally comes to you after the first exam devastated by her low grade. She's confused by the grade because she attends lectures and takes copious notes.

You review her lecture and reading assignment notes and see that she's written down nearly everything. How can you help improve Sally's note-taking skills?

System of equations

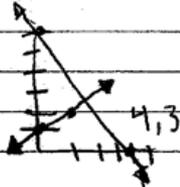
- Solving system of equations

$$3x + y = 15$$

$$y = \frac{1}{2}x + 1$$

X	Y
0	15
5	0

graphing method



substitution method

$$3x + y = 15$$

$$y = \frac{1}{2}x + 1$$

$$\rightarrow 2(3x + \frac{1}{2}x + 1) = 15$$

$$6x + 1x + 2 = 30$$

$$7x + 2 = 30$$

$$\underline{7x = 28}$$

$$\underline{7 \quad 7}$$

$$\rightarrow x = 4$$

$$y = 3$$

(4, 3)

elimination

1. make opposites
2. add to eliminate
3. substitute
4. answer with a point! (,)

$$2x + 3y = 8$$

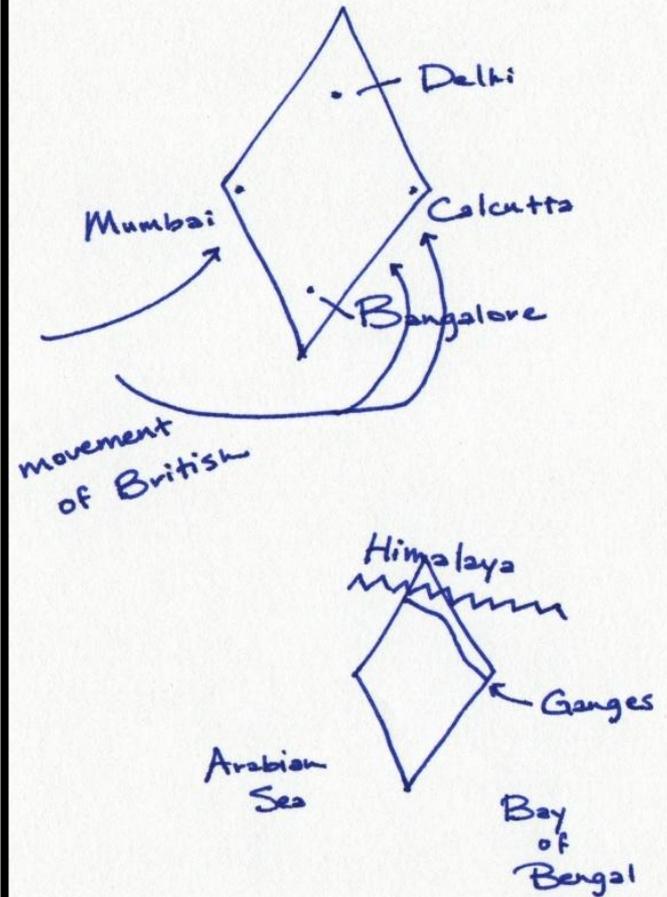
$$-2(x + 4y = 13)$$

$$2x + 3y = 8$$

you should demonstrate all the way

India's Economic Growth

- Coastal
- Cities
- British colonization



1200-2400

31 - MAY 2013

PA

START OF SERVICE: GEN 10 1540 TANK AT 2463 GAL  
 END OF SERVICE: GEN 10 1540 TANK AT 2305 GAL  
 ADDED APP 58 GAL OF 15W40 TO #2 GEN  
 OILY OIL TANK START OF SERVICE - 12" = 940 GAL  
 END OF SERVICE - 13" = 1005 GAL  
 ADDED APP 65 GAL OF OILY OIL TO OIL TANK

1600 ROUNDS READING ENGINE FLUID/GRADES CHECKED  
 APP DRAINED AIR FILTERS SECURE

TRUBLE SHOOTING AC SYSTEM

FOUND FAN BELT NOT WORKING PROPERLY

1800 AC SYSTEM TO WORKING ORDER

1830 REWIND PUMP AND TEST MAIN ENGINES

1845 ADDED APP 25 GAL OF SAE10 MOTOR OIL TO PORT MAIN ENGINES

ADDED APP 25 GAL OF SAE10 MOTOR OIL TO STARBOARD ENGINES

1930 CONDUCTED OVERHAUL OIL TEST

2000 ROUNDS/READINGS WASTE PUMP/MAIN ENGINES AIR SERVICE RUNNING

2015 STARTED #2 GEN WITHIN

2020 MAINTENANCE IN STORAGE TANK

2025 #2 GEN // WITH #3 GEN

2035 MAIN ENGINE CONTROL SENT TO BATTERY

2045 PERMITTED PUNTA ARENA FREE

2110 ELIMINATED #1/2 ONLINE

2115 FULFILL ANTI-ICE BATTERY TASKS

2120 #2 GEN TAKEN OFF THE SLES, COOKING ENGINE #3 ONLINE

2150 #2 GEN STOPPED, #3 ONLINE WITH #2 IN STBY

2300 TRANSFERRED 1200 GAL OF #2 TO TANK #3 TO SETTLE

2330 CHANGED SANITARY WATER TO AIR SIDE FOR THE HOT PUMPS

2350	600	1400	5000	10000
0700	155,400	1859	2305	10000
0800	1,200	50	58	10000
0900	0	0	0	10000
0900	0	1809	2305	10000

NO F.E. B

1 JUNE 2013

0000-1200

TERRY JACKSON, AHOYD AGUIRRE ON WATCH, I HAVE REEDED THE PREVIOUS WATCH LOG'S HAS PER ECOLOGISM AND FOUND NO DISCREPANCIES, THE WATCH IS RECEIVED, THE FOLLOWING EQUIPMENT IS ONLINE #3 GEN, P/S MAIN ENGINES, #1 P/S SALTWATER COOLING, #2 SHIPS AIR COMPS, #1/2 EVAPS, #2 REEFER/FREEZER, #2 PORTABLE, #2 HOT WATER CIRC, #2 SANITARY, H/S D, #1/2 #10 #16 COMPS, #1 #16 SALTWATER, #2 #16 CHILL WATER, #2 P/S STEERING, #10 CENTRIFUGE

DIRTY OIL TANK 1.5" = 1005 GAL'S

SECURED FASTED ALL TANKS ALL CONTENTS ACCOUNTED FOR

0001 ROUNDS & READINGS, CHECKED ALL ENGINE FLUID LEVELS  
 DRAINED AIR RECEIVERS, CHECKED ALL ENGINEERING SPACES

CLEANING/Painting in engine room

CLEANED H/S D BOOK CELL

0400 ROUNDS & READINGS, CHECKED ALL ENGINE FLUID LEVELS  
 DRAINED AIR RECEIVERS, CHECKED ALL ENGINEERING SPACES

0600 TRANSFERRED 1400 GAL'S #2 TO SETTLING TANK FROM #8-P/S

CONTINUE CLEANING/Painting

0800 ROUNDS & READINGS, CHECKED ALL ENGINE FLUID LEVELS  
 DRAINED AIR RECEIVERS, CHECKED ALL ENGINEERING SPACES

0900 Lab pump online

1000 SATISFACTORY OWS TEST RUN/INSPECTION Chief/Captain

START 0845 - 52 39 SOUTH - 68 10 WEST

END 0855 - 52 40 SOUTH - 68 9 WEST

1100 TRANSFERRED 1200 GAL'S #2 TO SETTLING TANK FROM #8-P/S

1/2 my fact

1200-2400

1 JUNE 2013

FAHED SMITH AGUIRRE AHOY ON WATCH AS PER BATTERY READING I HAVE REEDED THE PREVIOUS WATCH LOG'S FOUND NO DISCREPANCIES THE WATCH IS RECEIVED THE FOLLOWING EQUIPMENT IS ONLINE P/S MAIN ENGINES - BATTERY CONTROL, #3 GEN, #1/2 EVAP/STEEL SANITARY PUMPS / AIR AC COMPRESSORS, #2 PORTABLE/FREEZER/ACW/ACSW / #1 STEERING, #10 CENTRIFUGE

## Scenario 2: Tania's Learning Disability

Tania was diagnosed with obsessive compulsive disorder nearly two years ago. For her, it is a challenge when the instructor calls on her to read something from the screen aloud, is easily distracted during class lectures, experiences difficulty taking notes, often turns in longer assignments late, and before an exam, gets sick and misses class on exam days.

Tania hasn't considered approaching Disability Support Services because she thinks her professors will think less of her. With only four weeks left of the semester, how can you help reach out to Tania?

## **Scenario 3: John Missing the 'Take-Away'**

John completes most of the course reading assignments. John approaches you and says he's having difficulty understanding and finding the main points, or take-aways, from the readings.

How can you help John become a more effective reader?

# Scenario 4: Serop's New Role

Serop's mother was recently diagnosed with terminal cancer. Serop has taken on additional tasks to alleviate his mother's stress such as: tending to his brothers and sisters, grocery shopping, and other tasks. Subsequently he is missing lectures, not completing assignments, and doing poorly on exams, all leading to academic probation.

Serop's friends are trying to help but Serop has not informed any of his instructors, or his advisor, of his family's situation. You've surmised there is a problem. How do you approach Serop and what help can you offer?

## **Scenario 5: Hayk Has No Time**

Hayk has not turned in his last three assignments yet he's been in class. You speak with him after class to find out why he's not submitting required coursework.

Hayk informs you that his life is very busy and he often runs out of available time to complete course assignments and course readings.

How can you help Hayk improve his time management skills?

# Student Planning - Week, Month, Semester

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# Student Planning - Week, Month, Semester

6am			6 - 7:16 Hot yoqa	6 - 8 lift weights + yoqa + cardio	6 - 7:16 Hot yoqa	
7am	7 - 8:30 gym: lift weights + run	7:16 - 8:16 spinning + body pump				7 - 10:30 Writing papers
8am			8 - 12p Writing papers		8 - 10:30 Writing papers	
9am	8:30 - 10:30 Research Delft			9 - 10 writing papers		9 - 10:16 hot yoqa
10am	10:30 - 12p writing papers	10 - 12p prepare construction materials class		10 - 12p prepare construction materials class		
11am				10:30 - 12p prepare construction materials class	10:30 - 12p prepare construction materials class	
12pm	12p - 1p lunch					
1pm	1p - 2p Research Delft	1p - 4p Construction Materials Lab // Paralleel I: Granulometry II & Casting Mortar + due date casting concrete report	1p - 2:30p prepare RC 1 class	1p - 4p Construction Materials Lab // Paralleel II Lab: Granulometry; specific gravity	1p - 2:30p prepare RC 1 class	1p - 4p Research Delft
2pm	2p - 6p Prepare construction Materials Lab		2:30p - 4p Reinforced Concrete I		2:30p - 4p Reinforced Concrete I	
3pm						
4pm		4p - 6p Office Hours + mail	4p - 6:30p Research Delft	4p - 6p Office Hours + mail	4p - 6:30p Research Delft	4p - 6:30p Research: reading papers
5pm		6p - 8p Research: reading papers		6p - 8:30p cooking + dinner		
6pm	6p - 8p batch cooking + dinner	6p - 7p dinner	6:30p - 8:30p mall		6:30p - 8:30p mall	6:30p - 8:30p mall + planning volgende week
7pm		7p - 8p play music	8:30p - 7:30p dinner		8:30p - 7:30p dinner	8:30p - 7:30p dinner
8pm	8p - 8:30p blog	8p - 8p blog	7:30p - 8p Grave Concerns Reviews	7:16p - 8:30p Hot Yoqa	7:30p - 8p groceries, home improvement	7:30p - 8:30p play music
9pm					8:30p - 8:30p reading/studying	8:30p - 8p Blog

## **Scenario 6: Nune Doesn't Know What to Ask**

Nune attends most lectures and completes most assignments but her current grade is a C+. She is confused by many course concepts but doesn't know what questions to ask, therefore she keeps her confusion to herself.

One day Nune comes to your office hours and is clearly distraught. How can you help Nune begin to learn how to ask effective questions?

# Review of Student Scenarios

- Helping students succeed isn't solely your responsibility, but you can help
  - Students respect that you took the time to help them grow and learn (even if they don't say it)
- There are many problems with many solutions - we examined just a few
- Helping students learn on their own and take responsibility for their educational growth
- AUA CSS offers many services

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