LEADING WITH RESEARCH, OUTREACH, PRESENTING AND MENTORING

MALIKA BELL IMSD-MARC-CAMP-UC LEADS-SACNAS ADVISOR
WHY ARE YOU INTERESTED IN OUTREACH?
HISTORY OF LEADING WITH RESEARCH

• Undergraduates from ACCESS program visited local high school and middle schools and presented

• “Presentations designed to stimulate interest in the sciences and inform high school students about the various paths to the University of California”

Check out the portfolios!
OL’ SCHOOL
MALIKA

Time for a Turnaround
Former ‘slacker’ plants seeds for success in local high schools

by DONNA JONES

WATSONVILLE — Malika Moutovskik said she was a slacker when she attended Santa Cruz High School in the early 2000s. But she changed her mind about education after a stint in the adult world and made a commitment to school, Moutovskik says.

Now 24 years old and a chemistry major at UC Santa Cruz, Moutovskik is sharing her story with younger students throughout Santa Cruz County in hopes of inspiring them to stay in school.

“If you have to employ me, tell you everybody goes to go do something,” Moutovskik announced to 20 juniors and seniors in a science class at Watsonville High.

Leading with Research

Moutovskik’s presentations are part of Leading with Research, a UCSC outreach program that aims to increase student diversity on the campus and encourage careers in science.

The program is financed through UCSC Transfer Partnership Program and is an outgrowth from InSECT Technology. College students carry the message to younger students as a part of the program “because of the discussion in the work force,” Moutovskik said.

“Younger students can see themselves, and they can see how they have succeeded,” Moutovskik said. “They may have made mistakes in their lives, but they’re still able to be successful.”

The college students participating as Leading with Research presenters were recruited for the outreach work after completing as eight-week science internship last summer at UCSC, Moutovskik said.

Moutovskik, who transferred from Citrus College to UCSC as a junior in the fall, studied marine spouses as a possible source for new anti-cancer drugs during her internship. She drown on this experience and others Doni has personal life in her outreach presentation.
WHAT FEARS/WORRIES/OBSTACLES DID YOU HAVE REGARDING COLLEGE?
EACH PRESENTATION INCLUDED

Presenters are students who completed a science research project at UCSC while attending a community college and include three components:

- Description of the research project and personal story
- Career opportunities in this area of research
- Academic support services, scholarships and student services available...go over myths about what they may have heard about college, loans, etc.
WHAT ELSE YOU CAN INCLUDE.....

• Unique tidbits about your path....funny stories... inspiring journeys along the way...what your goals/ fears are now...

• Flowcharts that explain jargon

• Timeline about when to do what

• Explanation about all the different types of financial aid. Make them realize that they can do it with little or no financial help from parents.

• A short activity about your research or.....
...OR AN ACTIVITY ABOUT THEIR FUTURE
SMALL ACTIVITY ABOUT YOUR RESEARCH...
OR THEY CAN COME VISIT...

My Visit to the
UC Santa Cruz
Marine Natural
Product Lab

Name: Jesus Vasquez

Three things that I learned about science or college:
1. It's a nice place, the scientists get to use cool stuff, do experiments.
2. Science is cool and nice. Because you get to use cool stuff.
3. I know about sponges. They smell weird.

NOTES:
What I would like to do in college is do science because it looks cool.

HYPOTHESIS

Results

Predicted colors

Pen color

Pen color

Pen color

Pen color
Dear Lucio,

March 20

I would like to thank you for taking the time to come to my class and telling us about your life and how you went to college and for how long you went to college. Also, about what you learned in college or what your learning right now in college.

The part I liked the best was when you told us about your life story now you didn’t get to go to high school because you had to work in the fields, then you got where you are today.

I appreciate that you gave us hands-on that you could get information on what you want to be when we grow up and that really helps us learn more about what we’re going to major in when we go to college.

Sincerely,
Nadina
WHAT DO YOU WANT TO SHARE WITH THE YOUNGSTERS?
SOURCES FOR INFORMATION

• Career Center (ours or other schools)
• MESA Program websites
• FAFSA
• Your history
• SAT/College Board website
• Your research
• Career planning websites
• Community Scholarships: ie, Rotary club, Community Foundation of SC County http://www.cfscc.org/page18347.cfm
HOW TO GET IN

• Talk to Malika or Pam about our connections.
• Contact the Principal, VP, college counselors, AVID directors, MESA reps at the school.
• Look up HS student clubs at the schools you are interested in visiting
• Pick schools that have low API scores or other disadvantages
• Give a clear explanation about where you are from and what you will bring to the classroom
  ▪ How long your presentation will take
  ▪ What the goals are of your presentation
  ▪ What audience is appropriate (ie: frosh, soph, jun, sen)
• Be flexible with times
• Follow-up by email and send email reminders (even if you speak by phone)
GENERAL WAYS TO CONTRIBUTE

• Give a one time talk
• Host tour or activity on campus
• Adopt a group of students/one student to mentor for year(s)
  • Communicate regularly
  • Invite them to shadow you for the day
  • Follow through on applications with them
    • Review their college essays/personal statements
    • Help them find scholarships and apply
    • Guide them through FAFSA paperwork
  • Help parents to understand? Importance to continue education, cultural differences, financial myths, FAFSA paperwork, etc.
WATCH OUT FOR

• Make it clear what your role is
• Don’t commit what you can’t follow through with
• If you speak to parents or school staff let them know you aren’t representing UCSC as a staff member (you don’t get paid to do this work)
• Make it clear you are volunteering
• Empower mentees instead of doing work for them (ie: college essays/applications)
• Keep a professional distance between you and students and their families
ZIA ISOLA- MENTORING TIPS

“We make a living by what we get, we make a life by what we give.”
-Winston Churchill