

Introductions

Dr. Victor Nakano HEMI Executive Program Director (serves as the REAP Director)

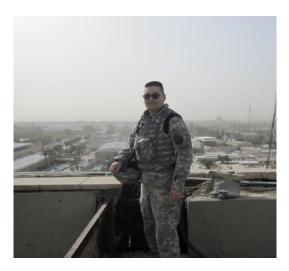
- Graduated from West Point, Stanford and Purdue; civil engineering
- Served in the Army for 22 years and deployed to Iraq for GWOT
- Hometown is Kirkland, WA (Microsoft, Costco, Starbucks, Boeing)

Ms. Bess Bieluczyk HEMI Senior Admin Coordinator (serves as the REAP Coordinator)

- ❖ I have a cat, dog and a toddler.
- I'm a photographer in my spare time.
- Did not get my drivers license until I was 31.















Introductions

- Nahuel Albayrak
- Daria Holoman
- Jessica Shi
- Angela Torrejon
- Introductions
 - Hometown
 - High school
 - Interests/hobbies







Welcome REAP Students



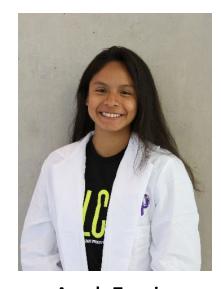
Nahuel Albayrak Mentor: Chongpu Zhai Faculty: Prof. Ryan Hurley



Daria Holoman Mentor: Dylan Madisetti Faculty: Prof. Jaafar El-Awady



Jessica Shi Mentor: Marco Galvani Faculty: Prof. Mark Robbins



Angela Torrejon

Mentor: Lucas Pressley
Faculty: Prof. Tyrel McQueen









BLOOMBERG SCHOOL OF PUBLIC HEALTH ZANVYL KRIEGER **SCHOOL OF ARTS** AND SCIENCES

WHITING SCHOOL **OF ENGINEERING**

CAREY BUSINESS SCHOOL

THE PAUL H. **NITZE SCHOOL OF ADVANCED** INTERNATIONAL **STUDIES**







MATERIALS SCIENCE IN

Interesting Facts about Johns Hopkins University

- 21,000 students (full and part time)
- · 3600 full time faculty, 3100 part time faculty
- In FY2019, \$2.5B in federally sponsored research

- 36 Nobel Laureates
- Maryland's largest private employer (~47,000)
- Highly engaged in addressing COVID-19

APPLIED PHYSICS

LABORATORY





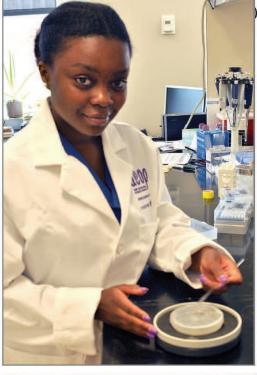


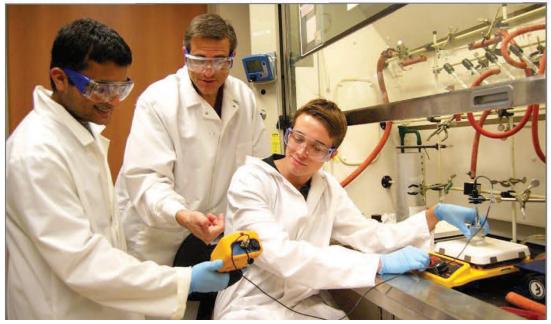




IT STARTS HERE.







What is REAP?

- **❖** REAP = Research and Engineering Apprenticeship Program
- Sponsored by the Army Educational Outreach Program
- Provides selected high school students an apprenticeship opportunity at a university
- Apprenticeship focused in Science, Technology, Engineering or Math (STEM)
- ❖ No prerequisite classes, just an interest in STEM
- Hands-on experience working on real-life research

Due to COVID-19, remote apprenticeships

Transition to Bess







Administration

- JHED IDs, should have already received.
- Tracking the hours worked each week
 - On Monday mornings, each REAP student should send an email to Bess with the number of hours they worked the previous week.
- Stipend payment
 - Wage rate is \$12/hour
 - 6 weeks x 40 hours/week x \$12/hour = \$2,880 (max, amount)
 - Will be paid in two increments through direct deposit from RIT
 - ~July 15th, 50% which is equal to \$1,440
 - ~August, 50% which is equal to \$1,440







Key Events & Deliverables

- ☐ Tracking hours worked (weekly)
 - REAP students will submit number of hours worked to Bess each Monday morning for the previous week
- ☐ Midpoint seminar with Bess, date TBD.
- ☐ Faculty hosts and mentors will have other requirements
- □ Each REAP student will be asked to create a 3 ft x 4 ft electronic poster using MS powerpoint
- □ REAP final presentations, Monday, 8/3/20, 10:00am-
 - 11:30am
 - Hosted using Zoom meeting
 - REAP students will do a 15 min presentation followed by questions/answers
 - Family and friends can attend
 - VIPs both internal and external will be invited
- ☐ REAP students should consider competing in JSHS







Final Deliverables

- □ Potential phone interviews with AEOP REAP coordinators from RIT
- ☐ Final presentation (file)
- □ Poster (file)
- ☐ Abstract summary and images (files)
- □ AEOP student survey (on-line)
- ☐ AEOP mentor survey (on-line)







Welcome REAP Mentors







Welcome REAP Students



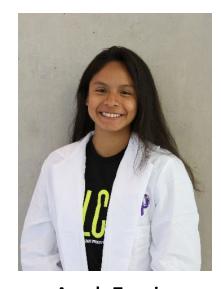
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