PUBLIC HEALTH
Experiential Opportunities in Public Health

GET INVOLVED!

October 24th, 2018, 1:00 - 3:00 pm
Career Services Center: Horizon Room
1:00 pm - Welcome and Introductions
   Maddy Noble
   - Department of Family Medicine and Public Health, UCSD

1:10 pm - HealthBeat
   Jessica Kongthong
   - Career Services Center, UCSD

1:25 pm - Research Opportunities
   Maddy Noble
   - Department of Family Medicine and Public Health, UCSD

1:40 pm - Academic Internship Program
   Daniel Carrillo
   - Academic Internship Program, UCSD

1:55 pm - UCCS/UCDC
   Daniel Carrillo
   - Academic Internship Program, UCSD

2:10 pm - Study Abroad
   Jim Galvin
   - Study Abroad, UCSD

2:25 pm - Questions?
Health Beat

No matter your area of study, we’ve got the tools, resources, and network of advisors to help you get there. Explore, Prepare and Apply with us. We’ll make sure you have all you need to make it happen.
Vegetarian, Mediterranean diets each equally good for the heart: Study

- Reuters, features Tarik Benmarhnia, PhD, “Immigrant workers in U.S. have tripled risk for heat-related death”

“Taking stock: The health and hype of bone broth,” MDLinx, features Christine Zoumas, RD

“In the US, electric scooters are on collision course with pedestrians – and lawmakers,” City Metric, authored by James Sallis, PhD

• Research in Field of Public Health
  • “Public health is the science and practice of protecting and improving health through research, monitoring, prevention, education, disease control, sanitation, and advocacy.”

• UCSD Research Opportunities Related to Public Health
  1) REAL PORTAL
     • Research Experience & Applied Learning (REAL) Portal
  2) FMPH 199
     • Research Experience with FMPH Instructors
  3) FMPH 198
     • Field Experience with FMPH Instructors/Staff
  4) 4th Annual Public Health Research Day (Spring 2019)
     • Led by UCSD Institute of Public Health
• Part of the Engaged Learning Tools Set (ELT)

• **Aim:** to help students discover internships and other hands-on experiential learning opportunities

• Database contains opportunities posted by UCSD faculty and staff as well as the following:
  • Port Triton (Career Services Center)
  • InternLink (Academic Internship Program, AIP)
  • TritonsAbroad (Study Abroad, UC San Diego)
  • Engineering Jobs/Internship Bulletin (JSEO)
  • Global Health Experiences Database

http://real.ucsd.edu/
FMPH 199: Research in Lab Setting

• Course can fulfill UDE requirement within Public Health Major

• Learn how research is conducted through working with and assisting instructors with expertise in public health research

• Gain exposure to research and its methodology

• Connect and work with FMPH Professors on their research interests

http://ph.ucsd.edu/undergrad/beyond-classroom/research.html
1) Review FMPH 199 opportunities offered on the website
   - Take note of the requirements and responsibilities!

2) Identify instructor research/areas of study that are of interest to you

3) PubMed & Google Scholar are your friends

4) Express interest in research opportunity via email
   - Be specific!
   - Be enthusiastic!
   - Be cordial!
FMPH 198: Field Experience

- Course can fulfill UDE requirement within Public Health Major
- Focus is on providing “hands on” experience in the field
- In addition to research exposure, opportunities can include:
  - Shadowing MDs/Medical Scribing
  - Organizing public health-related seminars/events
  - Evaluating public health programs
- Connect and work with FMPH Staff/Professors on their public health related projects

http://ph.ucsd.edu/undergrad/beyond-classroom/experiential.html
FMHP 198: Directed Group Study  
Winter 2019  
2 units

The Preuss School UCSD is a unique charter middle and high school for low-income students who strive to become the first in their families to graduate from college.

-Preuss.ucsd.edu

- The Preuss School site focuses on health promotion programs for Preuss students and their families. BSPH students will gain experience and skills in collaborative planning, health promotion communication, and intervention development, implementation, and evaluation.
- Students will be involved in various activities, including:

  - Engagement with Preuss High School students
  - Development and delivery of activities promoting healthy lifestyles
  - Evaluation of community needs and health promotion efforts
  - Oral and visual presentations

- Students must be available Fridays 1:30-3:30pm and January 19 & February 23, 2019. Students with Spanish-speaking skills are especially sought.

Apply here: https://goo.gl/forms/s8myrpfyerrR2v8y1
Public Health Research Day

The UC San Diego Institute for Public Health Building bridges across UC San Diego to advance public health research and practice.
AIP, UCDC, and UCCS for Public Health Majors

10.24.18
Academic Internship Program

An opportunity to gain hands-on experience and academic credit through an internship.

Overview:
- Upper-division, special studies course for Pass/No Pass credit
- Internship must be educationally relevant
- Perform research related to internship field

AIP Eligibility & Requirements
- AIP 197: 90 units completed, minimum 2.5 UC GPA
- AIP 97: 30 Units, minimum 3.0 GPA

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<th>UNITS</th>
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<th>PAPER/ PROJECT</th>
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Benefits of AIP

- Specialized internship counselors for every field
- Support from AIP counselors (resume, cover letter, interview)
- Academic credit that may fulfill graduation requirements
- Valuable professional experience
- Networking opportunities
- Career/interest exploration
- Personalized transcript notation
Current Internship Listings

- Age Well Intern - County of San Diego HHSA
- Rise for Health Intern - Sedentary Time and Aging Research
- Suicide Prevention Council Intern - Community Health Improvement Partners
- Community Engagement Intern - Arthritis Foundation
- Adult Day Health Care Intern - Neighborhood House
- Pre-professional Physical Therapy Intern - Perlman Rehabilitation Clinic
- Alcohol Policy Panel Intern - Institute for Public Strategies
- Public Health Research Study Intern - PEP4PA (UCSD)
AI P can support you in all phases of the internship process – search, applications, interviews, and reflection.

- You can use AIP’s database (Internlink) or outside resources (REAL, Handshake). Internlink internships are pre-approved, but AIP will approve outside internships.
- Start Early - the process to enroll takes time.
- AIP counselors and Peer Advisors are always happy to meet with students.

AIP Key Features

- Geisel Library, 1st Floor (West Wing)
- aipinfo@ucsd.edu
- aip.ucsd.edu

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**Health Care Solutions Take First, Second Place at Ignite**

SoloMate, a company started by UC San Diego bioengineering students Sarthak Katyal and Jyotirmayo Khan, took first place at the school’s second annual Ignite Conference pitch competition. Twenty-five startups pitched their business ideas for 90 seconds to a panel of eight judges March 6. Prizes ranged from $2,500 for the top team to $1,000 for each place.

SoloMate, a smart shoe insole, is intended for patients using orthotics. The insole measures the weight borne by a patient’s foot, and provides feedback via an app to optimize the rehabilitation process.

The duo behind SoloMate say they have developed a working prototype, and are partnering with Rady Children’s Hospital and the Jacobs School of Engineering.

Second place went to OstexLux, started by bioengineering undergraduates Taylor Hall Williams and Allison Dorsch.

The company is developing a device to cure bone cement quickly during orthopedic surgery. Today surgeons must physically hold an implant to the bone for 30 minutes while the cement dries.

Both the first- and second-place teams developed their ideas in a clinical bioengineering course led by professors Alan Engle and Stephen Azevedo. The course includes time spent shadowing clinical faculty at a hospital to determine what solutions engineering might provide to problems observed in the clinic.

Aviation engineering student Darren Chen found third in the competition with his company Vasquez Space Technologies, which he said is developing an AI-powered solution to source satellite components.

Thesoftware is intended to quicken the pace of sourcing and reduce errors to drive down the cost of space exploration.
UC Center Washington Program

- Live, intern, and learn in Washington, D.C.!
- Gain relevant professional experience
- Earn 12-18 units with classes taught by UC Faculty.
- Offered year-round and open to students in all majors.

"I wasn't just seeing what they were doing, I was also being a part of it."
- Nitzana Alzalde

UCDC@UCSD.EDU
AIP.UCSD.EDU
Health Related Internships in DC

- Consortium of Universities for Global Health
- U.S. Department of Health and Human Services
- Health & Medicine Council of Washington
- National Hispanic Medical Association
- Alliance for Health Policy  ...and more!
UCDC Contact

ucdc@ucsd.edu
aip.ucsd.edu/ucdc
Geisel Library, 1st Floor (West Wing)

UCDC Drop-In Hours:
Wednesdays from 1:00-3:00pm;
Fridays from 10:00-12:00pm
UC Center Sacramento (UCCS)

As a UCCS student, you will take classes, intern, and network in Sacramento for an entire quarter. Earn 14 UC Units and remain financial aid eligible! Housing is available.
UCCS Sample Internships

- Dept of Public Health
- Covered CA
- Health Access
- CA Medical Association
- CA Health Report
- Planned Parenthood of CA

...and more
UCCS Student Spotlight

STUDENT: Christine Do

CAMPUS: UC San Diego

INTERNSHIP: Office of Dr. Richard Pan

INTERNSHIP HIGHLIGHT: "Stepping outside my comfort zone and interacting with professionals and policy makers at seminars and brown-bag lunches."

FUN FACT: "I have mentored over 50 children in nearby communities to attain their black belts in Taekwondo."

CAREER GOALS: "I aim to go to medical school and pursue a career in community-oriented health. Utilizing policy as a means to promote health equity in our communities is my ultimate goal."
Funding Options:
http://studyabroad.ucsd.edu/students/funding/index.html

- UC Education Abroad Program (UCEAP)
- Opportunities Abroad Program (OAP)
- Global Seminars

http://studyabroad.ucsd.edu/