

# OLIVIA PRIOR PALOMARES



www.linkedin.com/in/oliviaprior

**MTM candidate at UC Berkeley - UC San Francisco.**

Background in finding unmet clinical needs and developing innovative solutions. Starting a PhD in Bioengineering in October 2020 focused on early detection of ovarian cancer in a non-invasive and affordable way that can help women worldwide.

## EDUCATION

<b>University of California, San Francisco</b>	San Francisco, CA, USA	08/2019 - present
<b>University of California, Berkeley</b> Master in Translational Medicine	Berkeley, CA, USA	
<b>University of Barcelona</b> B.S. Biomedical Engineering	Barcelona, SPAIN	09/2014 - 06/2018
<b>Institut Polytechnique de Grenoble</b> Erasmus Scholar	Grenoble, FRANCE	01/2018 - 05/2018

## RESEARCH EXPERIENCE

<b><u>NephroSant Inc. (UCSF spin-off)</u></b>	San Francisco, USA	09/2019 - present
Research Intern		
<ul style="list-style-type: none"><li>Research at Dr. Minnie's Sarwal Lab on an innovative solution to improve the quality of life of kidney stone patients</li><li>Conducting interviews with both patients and physicians to identify product-market fit</li></ul>		
<b><u>Quénet Torrent Institute</u></b>	Barcelona, SPAIN	03/2017 - 10/2018
<b>CIMNE: International Centre for Numerical Methods in Engineering</b>		
Research Intern		
<ul style="list-style-type: none"><li>Identified unmet clinical need after witnessing a hepatic surgery: surgeons need an improved system of tumour and vasculature structures location for better resection</li><li>Took initiative to start a project trying to design and develop a solution</li></ul>		
<b><u>B. Braun Medical Inc.</u></b>	Rubí, SPAIN	06/2017 - 07/2017
R&D Summer Intern		
<ul style="list-style-type: none"><li>Researched, collected and analysed data on new technologies</li></ul>		

## HONORS AND AWARDS

▪ Recipient: 1st place MTM Winter Capstone Showcase	12/2019
▪ Recipient: UC Berkeley Graduate Conference Travel Grant	12/2019
▪ Semi-finalist: Humana Mays Healthcare Case Competition	11/2019
▪ Recipient: UC Berkeley Bioengineering Department Grant	08/2019
▪ Recipient: Fulbright Scholarship for Graduate Studies in the US 2019-2020	08/2018
▪ Recipient: Final thesis selected for presentation at Gemma Rossell Awards	08/2018
▪ Honors: top 10% UB's Biomedical Engineering Class of 2018 (GPA: 8.5/10); Valedictorian	06/2018
▪ Recipient: Erasmus Scholar to pursue studies in France	11/2017
▪ Elected: Class representative, UB's Bioengineering Class of 2018	09/2015
▪ Elected: Member of UB's Bioengineering Student Council	10/2014
▪ Recipient: <i>Fundació La Pedrera</i> Scholar (first year of university fully covered)	09/2014
▪ Honors: Graduated first with distinction at St. Paul's School (GPA: 9.88/10)	06/2014

## VOLUNTEERING EXPERIENCE

<b><u>Bay Area Scientists in School (BASIS)</u></b>	11/2019 - present
<ul style="list-style-type: none"><li>Collaboration in school science fairs &amp; teaching science classes to elementary school kids.</li></ul>	
<b><u>Expanding your Horizons</u></b>	March 7th 2020 (Upcoming)
<ul style="list-style-type: none"><li>STEM Mentor for 5th - 8th grade school girls.</li></ul>	

## Women's March, San Francisco

Jan 18th 2020

- Volunteered at the annual march keeping participants safe from traffic.

## Dwight Way Shelter

Nov 17th 2020

- Prepared and served dinner with a team of six volunteers for approximately 50 people.

## Help Children Without Resources Foundation

01/2014 - 01/2018

- Collaborated in diverse fun activities with mentally disabled children and adults one weekend per month
- Recruited volunteers from high school and participated in fundraising activities (concerts and markets)

## University College London SUCCESS Charity Volunteer

11/2017

- Collaborated in logistics for SUCCESS event: connecting child survivors of brain tumours and their families.

## **ADDITIONAL EDUCATION AND EVENTS**

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<b>\$10 Challenge</b>	Palo Alto, CA, USA	10/2019 - present
• Brainstorming to improve Chagas disease diagnosis in low-resource settings at Innovation Center Denmark		
<b>StoneLab Scientific Symposium</b>	Linthicum, MD, USA	12/2019
• Presented the poster "Development of a Non-Invasive Dipstick for Predicting Kidney Stone Recurrence Risk"		
<b>MIT SF Gran Hack</b>	San Francisco, CA, USA	11/2019
• Mental Health Track: improving mobile clinics for the homeless population in San Francisco		
<b>Keys to Bioentrepreneurship Course</b>	Barcelona, SPAIN	05/2017
• Introductory course in bioentrepreneurship to share the experiences of top bioentrepreneurs in Catalonia		
<b>HackDay Roche</b>	Barcelona, SPAIN	10/2016
• E-health challenge: developing and app to improve communication between doctors and patients		
<b>Harvard Summer School</b>	Cambridge, MA, USA	06/2016 - 08/2016
• 7-week Biography of Cancer course, taught by Steven Theroux. Ranked first (98/100)		

## **EXTRACURRICULAR WORK EXPERIENCE**

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<b>Private tutor of seven high school students</b>	Barcelona, SPAIN	01/2011 - 01/2018 & 05/2019 - 07/2019
• Teaching Maths, Science, English, Catalan, Spanish and Chemistry		
• Focus on achieving both short and long-term goals		
• Currently four in university and three finishing high school		
<b>Hostess at Mya Tiger Restaurant</b>	Melbourne, Australia	11/2018 - 03/2019
• Greeted and seated customers; managed reservations and waitlist		
• Wrote the restaurant's first ever hostess guidebook; promoted to supervisor		
<b>Waitress at Dublin's Sport Tavern</b>	Barcelona, SPAIN	12/2014 - 04/2015
• Took orders from and serve food and beverages to patrons		

## **LANGUAGES AND STANDARDIZED TESTS**

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* <b>Spanish:</b> native	* <b>English:</b> advanced   TOEFL iBT (118/120) & Cambridge Proficiency Exam
* <b>Catalan:</b> native	* <b>French:</b> basic   Diplôme de Français B1 (82/100)

### **Graduate Record Exam**

- Verbal Reasoning 164/170 (**94<sup>th</sup> percentile**)
- Quantitative Reasoning 166/170 (**90<sup>th</sup> percentile**)
- Analytical Writing 5/6 (**92<sup>th</sup> percentile**)

## **ADDITIONAL INFORMATION**

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- **Skills:** Programming (RStudio, Python) | Image processing (Meshlab, Meshmixer, GiD, 3DSlicer, ImageJ) | Video Editing: (Final Cut Pro, iMovie)
  - **Sports:** St. Paul's School First Female Soccer Team (2008-2018) | Barcelona Triathlon (2016) | Berkeley Speed Soccer Intramural League (2019-2020)
  - **Arts:** Music - Ukulele and singing (performed at St. Paul's School graduation and Music & Technology Fulbright Enrichment Seminar) | Theatre - Improv classes at Berkeley Improv (101 and 201 levels) | Video - Production of St. Paul's School graduation video (Class of 2013)
  - **Public speaking:** Milan International Model United Nations (2012), Class of 2018 Biomedical Engineering Commencement Student Speaker (2018), St. Paul's School Talks: Volunteering and Biomedical Engineering Career Path (2017, 2019), Fulbright in the Classroom(2020)