

Sarah Strawbridge Platt

111 Yankee Peddler Path, Madison, CT 06443 | 203-821-1543

sarah.platt@uconn.edu

EDUCATION

University of Connecticut, Storrs, CT

Bachelor of Science, Biological Sciences, 2022

Minor: French

GPA: 4.00/4.00

Honors: Dean's List, College of Liberal Arts & Sciences, 2018-2019

Choate Rosemary Hall, Wallingford, CT

High School Diploma, May 2018

Signature Programs: Academic Term Abroad in France, Senior Capstone Program

SKILLS

Scientific: DNA extraction, PCR, cDNA synthesis, streaking, serial dilution, fluorescence microscopy, bacterial transformation, EMS mutagenesis screening

Computer: Google Docs, Slides, Sheets, and Drive; Microsoft Word, Excel, PowerPoint, Google Earth

Training: hospitality and anti-human trafficking workshop, Adult and Pediatric First Aid/CPR/AED (certified 01/08/2020), food preparation, kitchen sanitation

Languages: conversational French, basic Spanish

MEDICAL EXPERIENCES

Cleveland Clinic: Main Campus and Hillcrest Hospital, Cleveland, Ohio

Approved student-shadower, January 2020

- Shadowed urologist, Ryan Berglund, MD, and colleagues performing robotic, open, and endoscopic surgeries
- Observed interventional cardiology fellow, Chetan Huded, MD, and colleagues perform CTO, peripheral, and structural surgeries and patients rounds

Manchester Memorial Hospital NICU and Delivery Center, Manchester, CT

Approved student-shadower of Eastern Connecticut Health Network providers, July & December, 2019

- Witnessed C-section surgeries alongside neonatal physician's assistant; accompanied neonatologist, Leonard Eisenfeld, MD, and visiting medical residents during grand rounds, newborn examinations, and discharge visits
- Followed Aziza Omrani, MD, performing circumcision surgery and attending to patients during on-call shift

Maternity and Women's Health in Medicine Club, Storrs, CT

Active club member, September 2019-present

- Attend lectures lead by professionals working in the women's health field including OB/GYN's and child development researchers; engage in discussion on current issues surrounding women's health in medicine at biweekly meetings; advertise and collect donations for fundraisers related to women's health

Global Health Symposium Committee, Storrs, CT

Active member, August 2018-present

- Contribute ideas for the theme, programming, and guest speakers list during weekly meetings; engaged symposium attendees in a global surgery round-table discussion and lecture on the geopolitical determinants of health at the 2018 symposium

Yale-New Haven Hospital Adult Emergency Department, New Haven, CT

Selected college volunteer, May-August 2019

- Relayed patient needs, assisted clinical staff with basic tasks to allow them to dedicate more time with patients, stocked medical supplies, delivered hot meals, prepared stretchers, trained fellow volunteers

UConn Health Migrant Farm Worker Clinics, Guilford, CT

Selected undergraduate volunteer, July 2019

- Attended clinical training session at UConn Health; administered vital tests on patients and accompanied patients to physician-led background screenings and examinations at Bishop's Orchards

Health Equity in Connecticut Conference, Farmington, CT

Invited attendee, August 6th, 2019

- Attended half day conference presented by the CT Commission on Human Rights and Opportunities to learn about current health inequities in CT and the actions being taken to address these concerns; watched numerous presentations by physicians including Bruce Gould, MD, and Victor Villagra, MD

Windham Hospital, Willimantic, CT

Selected student volunteer, March-May 2019

- Greeted patients and visitors at the Emergency Department front desk and escorted them to various areas throughout the hospital

UConn Medical School Mentorship Program, Storrs, CT

Selected mentee, October 2018-May 2019

- Built relationship with assigned mentor and frequently corresponded with questions, attended meet-and-greet gathering to discuss the medical school application process

RESEARCH EXPERIENCES

UConn School of Medicine, Genetics and Genome Sciences Department, Farmington, CT

Lab of Arthur Günzl, Ph.D., with guidance from undergraduate MCB faculty advisor, Professor David Daggett

Independent study candidate, February 2020-present

- Participate in project on antigenic variation in *T. brucei*, the parasite that causes African sleeping sickness; learn genetic/biochemical and cell culture techniques; maintain detailed laboratory notebook, read and discuss scientific papers with Professor Günzl and postdoctoral researchers

Department of Ecology and Evolutionary Biology, UConn, Storrs, CT

Monkeyflower Lab, with guidance from Professor Yaowu Yuan and Ph.D. student Qiaoshan Lin

Independent study candidate, January 2019-January 2020

- Perform PCR, DNA extraction; germinate seeds in which transposition mutagenesis has occurred; assist in completing tasks related to agrobacterium-mediated plant transformation studies; screen for successful transgenic crosses in which inserted gene of interest has jumped using transposon-mediated activation tagging techniques with hopes of identifying phenotype-determining genes

UConn Sustainable Community Food Systems Internship, New Haven & Bridgeport, CT

Selected summer intern, May 2019-August 2019

- Conducted 15 hours/week of independent research pertaining to individualized summer project on sustainable food systems in New Haven County, attended research conferences, volunteered on farms throughout Connecticut, wrote weekly reflections in a shared journal and discussed experiences with professors and fellow interns with regards to the local food system in question

Connecticut Agricultural Experiment Station, New Haven, CT

Summer researcher, with guidance from Dr. Blaire Steven, May 2019-August 2019

- Collected soil samples from biological soil crust in Connecticut state park; conducted genomic research experiment on cyanobacteria and associated bacteria performing serial dilutions, DNA extraction, PCR, cloning and bacterial transformation

Department of Geography & Joshua's Land Trust, UConn, Northeastern, CT

Intern in geographic field study, with guidance from Professor of Geography Andrew Jolly-Ballantine and Ph.D. student Julia Roger, September 2018-January 2019

- Built online story map using Google Earth and ArcGIS tools, compiled photos and videos of Land Trust property to make the Land Trust a more accessible and enjoyable site for all

Senior Capstone Project, Choate Rosemary Hall, Wallingford, CT & Montreal and Central Argyle, Canada

Selected student participant, March 2017-May 2018

- Studied flora and fauna native to marsh and marine ecosystems of Central Argyle, Nova Scotia; read journal publications discussing symbiotic relationships between certain species; choreographed and filmed dances expressing anthropomorphic interpretations of fauna; completed French workshop with Le Patin Libre ice dancing troupe in Montréal to develop physical storytelling skills; presented Capstone presentation "Anthropomorphism in Science and Art" at public symposium

LEADERSHIP EXPERIENCES

Residential Hall Association's Executive Board Committee, Storrs, CT

National Communications Coordinator, March 2019-present

- Oversee the representation of the Residence Hall Association to the National Association and North East Affiliate of College and University Residence Hall; maintain UConn's affiliation to NACURH, vote in conference boardroom, organize team of delegates, write and submit bids for conference awards

French Club, Storrs, CT

President, August 2019-present

- Organize and host Francophone cooking lessons, French conversations, trivia nights, poetry and film festivals, academic guest lectures, and excursions to French businesses in New Haven, CT and Montreal

WiMSE Learning Community Science & Scones Initiative, Storrs, CT

Founder and event organizer, September 2019-present

Selected resident, August 2019-present, *Floor Mentor*, 2020-2021 academic year

- Lead scone-baking demonstrations and science news discussions with WiMSE residents; provide an opportunity to share interesting discoveries and advancements in the science world

Branford Community Dining Room, Branford, CT

Volunteer pantry stocker, prep cook, and lunch server, January 2019-present

Sanctuary Kitchen, New Haven, CT

Volunteer chef for catered events, December 2019-present

Towers Hall Association's Executive Board Committee, Storrs, CT

President, August 2018-May 2019

- Planned and executed events for 200+ student-residents, managed over \$5,000 yearly budget, led executive board meetings for the subcommittee of the Residential Hall Association

Hurricane Island Outward Bound, Camden, ME

Leadership scholarship recipient, July 2017

- Participated in twenty-two-day expedition, camping, backpacking, sailing, rowing, rock climbing, and living solo on an island for 48-hours; learned and practiced wilderness, leadership, and teamwork skills; formed life-long connections with crewmates from around the world

EDUCATIONAL ABROAD EXPERIENCES

World Wide Organization of Organic Farms, Médréac and Rougiers, France

Solo WWOOFer, July-August 2018

- Performed agricultural tasks on organic farms, prepared meals and cleaned for host families, studied French history in Rennes and Marseilles; spoke exclusively in French

Chamber and Festival Chorus, A Capella, Opera (Choate Rosemary Hall), Wallingford, CT; Stockholm, Sweden; Bergen and Oslo, Norway

Alto/Soprano, September 2014-2018

- Audition-based, collaborated with professional singers including Simon Kirkbride and Paul Robinson while touring Scandinavia, performed lead role of Cat in children's opera Brundibar and visited Holocaust survivor, Ela Weissberger, who played the original Cat in the Terezín concentration camp

Academic Term Abroad Signature Program (Choate Rosemary Hall), Paris, France

Selected student participant, January-March 2016

- Studied French history, literature, grammar, and art history in museums throughout France, undertook an anthropological independent study in Parisian dog culture; lived in Paris and Antibes with a host family for two months; spoke exclusively in French

WORK EXPERIENCE

Choate Rosemary Hall Alumni Relations Office, Wallingford, CT

Student/Alumni Annual Fund Caller, January 2017-present (upon-request)

Crêpes Chouquette, New Haven, CT, May-August 2019

Hostess, server, barista, cook, dishwasher & store opener/closer (French spoken), May 2019-present

Madison Beach Hotel, Madison, CT

Room Attendant & Public Areas Housekeeper, June 2018