

ALYSSA CAMPBELL

213 Willis St, Cambridge MD · (609)-661-9239

alyssaoprey@gmail.com

Six years of experience in oyster aquaculture working on shellfish farms, hatcheries, and managing an academic research facility. Interested in aquaculture production and innovation.

EXPERIENCE

SEP 2019 – PRESENT

HATCHERY MANAGER, SHELLFISH AQUACULTURE INNOVATION LABORATORY

Facilitate refurbishment of retired finfish hatchery into a functioning shellfish hatchery • lead development of novel culture systems such as RAS and chemostat bioreactors • lead and facilitate experimental oyster and algal production using novel systems • train interns, technicians and graduate students • coordinate internship program • data analysis using R Studio

MAR 2018 – SEP 2019

HATCHERY TECHNICIAN, HOOPERS ISLAND OYSTER COMPANY

Lead algal production to supply for full-scale commercial oyster hatchery • Assist in larval production • Prepare weekly orders from the nursery and farm • Assist headquarters with marketing, sales, and clerical work • Assist in equipment manufacturing

SEP 2017 – DEC 2017

FARM ASSISTANT, SWEET AMALIAS LLC

Prepping market oysters, quality control, fill orders, general farm maintenance

MAY 2017 – SEP 2017

FARM ASSISTANT, CLAM DADDY'S LLC

Prepping market clams, quality control, fill orders, general nursery maintenance

MAY 2017 – NOV 2017

SEASONAL FISHERIES TECHNICIAN, NJDEP DIVISION OF FISH AND WILDLIFE

Field sampling for State fisheries surveys • Administer permits, data entry

MAY 2016 – SEP 2016

SEASONAL HATCHERY TECHNICIAN, RUTGERS HASKINS AQUACULTURE INNOVATION CENTER

Produce algae, maintain cultures, and feed oyster larvae • Assist in oyster larval production

EDUCATION

MAY 2017

BACHELOR OF SCIENCE – MARINE SCIENCE, STOCKTON UNIVERSITY

Accelerated graduation with a 3.52 GPA – Dean's List: Fall 2015 through Spring 2017 semesters

OTHER ACTIVITIES AND ACHIEVMENTS

- Education Volunteer at Atlantic City Aquarium 2017
- Student Grant Recipient for Save Barnegat Bay water quality project 2015
- PADI open water scuba certified
- NJ boating safety certificate
- CPR and AED certified
- Presented Abstract *UTILIZING REFURBISHED RECIRCULATING AQUACULTURE SYSTEMS (RAS) TOWARD OPTIMIZING SHELLFISH PRODUCTION* at World Aquaculture society triennial conference 2022