

2018 INTERN POSITIONS AT HASKIN SHELLFISH RESEARCH LABORATORIES

Several paid internships for undergraduates and recent college graduates are available at Rutgers' Haskin Shellfish Research Laboratory facilities located in Port Norris, Green Creek, North Cape May and Cape May, New Jersey.

- Positions are paid hourly and typically based at one of the facilities but may require work at more than one facility. The location and nature of the positions necessitates personal modes of transportation as there is no public transportation available. Reasonably priced dormitory accommodations (~400/mo) are available for individuals without local housing.
- All positions require a valid driver's license and a willingness to work weekends, holidays, outdoors in inclement weather, and hours dictated by tidal cycles and research needs.
- All positions require good recordkeeping and attention to detail.
- All candidates must be in good physical condition with the ability to lift and carry 50 lbs (e.g., a full 5-gallon bucket). Some positions may require work aboard research or fishing vessels or the ability to safely operate an ATV.
- Starting pay begins at \$11/hr depending on experience, duties and responsibilities.

We encourage students to investigate independent study opportunities at their home institutions. Descriptions of the general duties of each of the positions are given below. Additional information about our facilities and programs can be viewed at our website: <http://hsrl.rutgers.edu>.

Anyone interested is encouraged to apply as soon as possible as positions will be filled as soon as suitable candidates are identified. To apply, email a resume with three references that may be contacted and brief cover letter that identifies which position(s) you would prefer, if any, to Angela White at angela.white@rutgers.edu. Alternatively, hard copies of applications may be mailed to:

2018 Intern Positions
Haskin Shellfish Research Laboratory
Rutgers, The State University of New Jersey
6959 Miller Avenue
Port Norris, NJ 08349

SPRING-FALL Cape Shore Field Technician: This position is located at the Cape Shore Laboratory in Green Creek, NJ and begins mid-March 2018 continuing for a maximum of nine months. During the spring and fall, the responsibilities of this position will be varied and will include duties in the hatchery, field, and laboratory as needed working alongside the Field or Hatchery Manager. Primary duties during summer include the care and maintenance of experimental oysters in cultivation on our tidal flats and in upland recirculating nursery systems. These oysters are progeny groups generated by our long-standing and continuing program in oyster genetics and breeding produced for research and the rapidly growing oyster aquaculture industry. Much of the work week is spent outdoors on the tidal flats in front of the laboratory. Duties include tray and bag maintenance, ATV operation, collection of biological data on progeny groups, and maintenance of a 75,000 gallon land-based nursery and holding systems.

Culture Interns: These positions will be located at the Cape Shore Laboratory in Green Creek, NJ. They have staggered start dates from April through May ending within three to nine months of the start date. Duties include assisting with microalgal culture, spawning of bivalve molluscs, rearing of larvae and post-set juveniles, maintenance of hatchery larval and downweller tanks and nursery upweller raceway tanks and equipment. Daily record keeping is required and attention to detail is critical.

Research Interns: These positions are dependent upon research grant funding and may be located at any one or more of our facilities. Duties will vary by project and may include some combination of the above duties as well as assistance with various field and laboratory studies. Examples of ongoing research include monitoring the Delaware Bay oyster fishery, evaluating subtidal oyster culture methods in Delaware Bay, examining interactions between horseshoe crabs and aquaculture farms, evaluating performance of selected lines of shellfish, conducting pathology exams on shellfish, evaluating performance of living shorelines.

ALL POSITIONS REQUIRE

- a valid driver's license and personal transportation due to the lack of local public transportation
- a willingness to work weekends, holidays, outdoors in inclement weather, and hours dictated by tidal cycles and research or production needs
- good recordkeeping and attention to detail
- good physical condition with the ability to lift and carry 50 lbs (e.g., a full 5-gallon bucket). Some positions may require work aboard research or fishing vessels or the ability to safely operate an ATV.

Starting pay begins at \$11/hr depending on experience, duties and responsibilities. To apply send a resume, three references and a brief cover letter to angela.white@rutgers.edu

Rutgers Aquaculture Innovation Center Seasonal Technicians

Job Title: Marine Field Station Worker/Seasonal Field Worker (Hatchery Technician)
Accountability: Reports to on-site hatchery managers
Location: Rutgers Aquaculture Innovation Center, North Cape May, NJ
Pay Rate: Starting wage= \$11 per hour, 40 hours per week

POSITION DESCRIPTION. The Rutgers Aquaculture Innovation Center is looking for motivated individuals for several anticipated seasonal technician positions for the 2018 season. We will be accepting applications for seasonal positions available in our algae production and research lab as well as our research and production hatchery, specializing in shellfish culture. There is an immediate opening for an early season shellfish culture technician, which is a 6-month appointment with the opportunity for a 3-month extension. All other available positions are 3 or 6-month appointments beginning as early as April 1st. Experience working in an aquaculture setting is preferred but not required. We encourage students or graduates alike to apply by sending a resume, three references and a brief cover letter to angela.white@rutgers.edu

Hatchery Technician responsibilities will include:

- Assisting in the spawning, culturing, and husbandry of marine bivalves, arthropods, and fish
- Maintaining accurate records throughout the production season
- Testing water quality and maintaining clean cultures and culture vessels
- Grading and packaging of shellfish seed for growers
- Communicating with the public when tours of the facility are given
- General upkeep of the facility and assisting in any necessary repairs.
- Performing tasks using sterile techniques

Algal Culture Technician responsibilities will include:

- Algal production to support shellfish hatchery needs including maintenance and upkeep of clean algal cultures up to 500L and clean parent/working stock cultures
- Performing sensitive tasks using sterile/aseptic technique
- Upkeep and maintenance of multiple experimental Photo-bioreactor systems
- Data collection and maintaining accurate records
- General cleaning and some interaction with visiting researchers and the public during tours

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES

- Well organized and detail oriented with proficiency using Microsoft Office-Word and Excel
- Experience using sterile techniques and ability to successfully complete repetitive tasks
- Good communication and time management skills and Ability to work independently and within a group
- Regular, reliable, predictable attendance and ability to work some weekends throughout the season

PHYSICAL DEMANDS

- Extended periods of time on your feet including stooping, bending, kneeling, squatting, or standing
- Ability to lift and carry up to 50 pounds
- Ability to communicate with co-workers, supervisors, managers and visitors
- Must be able to use ladders and work safely in a wet environment
- Must be able to work in non-temperature controlled conditions during summer months

ACCOMMODATIONS

- A dorm facility is located ~10 miles away from the AIC at our Cape Shore facility in Green Creek, NJ if housing is needed.