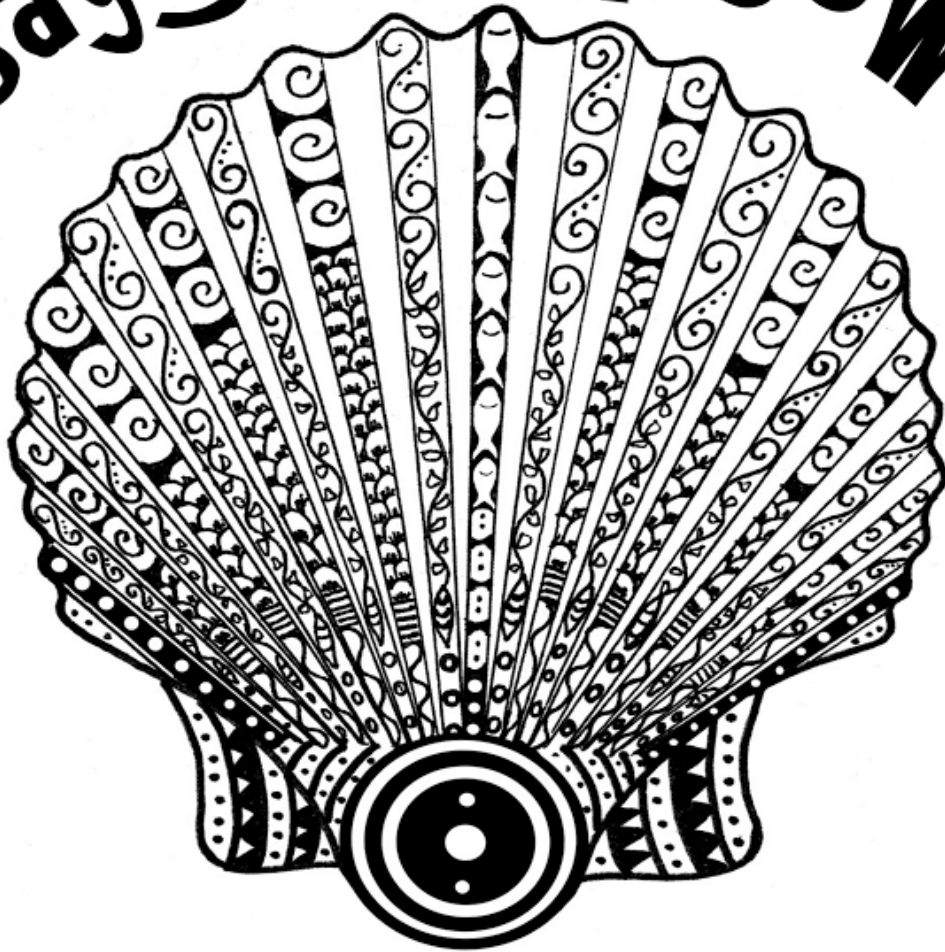


Bay Scallop Bowl



Stony Brook University
School of Marine and
Atmospheric Sciences



Stony Brook University – Frey Hall
Saturday, February 1, 2020

Welcome to the 2020 Bay Scallop Bowl

For the day's schedule, please reference the agenda below.

Agenda

- 7:15 am** Registration – *Lobby*
- 7:30 am** Continental breakfast – *Lecture Hall 102*
- 8:00 am** Welcoming remarks – *Lecture Hall 100*
- Dean Paul Shepson, SoMAS
 - Honored invited guests
- 8:30 am** Agenda, competition structure, & rules
- Kurt Bretsch
- 9:00 am** Morning competition (round-robin) – *2nd & 3rd Floors*
see schedule in your folder for rooms
- 11:45 pm** Lunch – *Lecture Hall 102*
- players, coaches, volunteers
 - spectators – on your own
- 1:00 pm** Afternoon competition session (elimination rounds)
see schedule for rooms
- 2:00 pm** Presentation by Chris Paparo – *Lecture Hall 100*
- 2:45 pm** Sundaes on Saturday - lobby
- 4:00 pm** Final round to decide overall winner –*Lecture Hall 100*
- 5:00 pm** Awards ceremony – *Lecture Hall 100*
- 5:30 pm** Concluding remarks & adjourn

All times are approximate

For Competing Players & Their Coaches...

- Please wear your name tag throughout the day
- During a competition round, coaches may communicate with players only during the 2-minute, mid-round break
- If your team is eliminated, please remain through the end of the bowl. Prizes for the top two finishing teams will be announced and participation certificates for all players will be handed out at the concluding Award Ceremony.

For Spectators...

- Please turn off cell phones and all electronic devices.
- Please enter/leave a competition room only at the beginning or end of a round.
- Please refrain from loud comments, shouting of answers, gesticulations, etc. during a round. No communication of any kind between the audience and a player or coach is allowed during the active part of a round.
- No photography or audio/visual recording of an active competition is allowed.
- Space in some competition rooms is limited. Parents, family, and classmates of players and coaches have priority access to seats.
- **Food is available at the food court in the Student Activities Center for spectators. Building is opposite Frey Hall.**

For Volunteers...

- Please wear your name tag while at the event.
- Outside the competition rooms, refer players, coaches, or spectators with issues and/or problems to Bowl Central.

For Players, Coaches, Competition Officials, & Spectators Alike...

- Please be in your seat, in the correct competition room, ready to begin the round, at the scheduled starting time.
- During scheduled competition time, please keep hallway noise outside the competition rooms to a minimum.
- Food and drink (other than water) is not allowed in competition rooms.

The Competition Format

Morning Round-robin

In the morning round-robin session, the twelve competing teams are divided into three divisions of four teams each; each team plays only the three other teams in its division. There will be an initial practice session with no scoring. After the practice, teams stay in the same room and play each other for real in Round 1. Teams will change rooms in Rounds 2 and 3 (see the Room Plan). At the end of the morning round-robin session, the four teams in each division are ranked #1 → #4 based on the total number of match points each has accumulated. If two or more teams in a division have the same number of match points, the tie(s) will be broken based (1st) on the teams' head-to-head won-loss record and (2nd) on fewest losses. The schedule of team play in the morning round-robin competition session is found separately in the event folder.

Placing Procedure

To establish placement for the afternoon competition, the three top-ranked teams from the divisions will be placed 1st → 3rd based on the total number of question points each team accumulated during the morning competition session. The team with the highest number of question points is the 1st place team, then the 2nd and 3rd. The second-ranked teams' question points will be compared to establish places 4th → 6th; the third-ranked teams' question points determine places 7th → 9th; and 10th → 12th places are determined by the question point totals of the fourth-ranked teams in each division. Placement between two teams with the same number of total question points from the morning rounds (an unlikely scenario) will be decided by a coin toss.

Afternoon Elimination Rounds

The afternoon competition session begins with a round to determine the best eight teams from the morning round-robin competition for next double elimination rounds. The top 4-place teams compete for the seeds: i.e., 1st place vs. 2nd place for seed #1 (winning team) and #3 (losing team); and 3rd place vs. 4th place for seed #2 (winning team) and #4 (losing team). They will all automatically go to the double elimination with four other teams determined below.

This first round of the afternoon session, however, is a single-elimination round for the teams with places 5-12 from the morning round-robin competition. Four teams losing in this round are eliminated. The teams are paired pitting the higher-placed teams against the lower-placed teams: 5th place vs. 12th place; 6th place vs. 11th place; 7th place vs. 10th place; and 8th place vs. 9th place.

The eight teams winning in the first round are seeded for the double elimination round as shown in the separate Single Elimination Schedule in the event folder. In the double elimination competition, a team must lose two matches to be eliminated. Should a match in an elimination round result in a tie at the end of regulation time, each team is given 5 toss-up questions. The team answering the most questions correctly wins the match. The schedule of team play in the double elimination competition is found separately in the Double Elimination Schedule in the event folder.

Selected Rules of the Competition

Question Types

- Three types of questions are used in the competition: paired toss-up and bonus questions, and team challenge questions. Each 30-minute match will consist of, 2 team challenge questions followed by 6 minutes of toss-up/bonus questions (buzzer system employed). After a 2-minute break, the match will conclude with 6 final minutes of toss-up/bonus questions.
- Answers to team challenge questions must be written out within the time limit prescribed for that question; consultation between team members is allowed; a team, through its captain, submits one written answer. The buzzer system is not used. Challenges to the scoring of a team challenge question answer are not allowed.

Buzzing In

- No player may buzz in before the moderator identifies the subject area of the question. If such occurs, the toss-up (and potentially, the bonus) question are given to the other team to answer.
- Having buzzed in on a toss-up, a player must wait for verbal recognition from the moderator before answering. Failure to do so constitutes a, "blurt," and gives the toss-up to the other team.
- If a toss-up is read completely and answered incorrectly, the question is given (but not re-read) to the other team to attempt an answer.

Consultation Between Team Members

- Allowed on team challenge and bonus questions, not on toss-up questions.
- None whatsoever allowed between active players and coach or alternate.

Time Allowed to Answer Questions

- 2 – 5 minutes on team challenge questions, depending on difficulty.
- Once a toss-up question has been completely read, somebody must buzz in within five (5) seconds or the moderator moves to the next toss-up.
- Once recognized by the moderator on a toss-up, a player must begin his/her answer within 3 seconds or the question is given to the other team.
- On bonus questions, the team captain must begin his/her answer within twenty (20) seconds after the question was read.

Scoring

Two types of points are involved in the competition. Match points are awarded to teams based on the results of a single match. The team winning a match gets 2 match points, the losing team gets 0 match points, and each team gets 1 match point in the event of a tie. Question points are awarded to a team during a match based on answers to questions. Question points are awarded as per the following:

	Question Points Awarded
Toss-up Questions	
Read completely, answered correctly	+4 points
Read completely, answered incorrectly	0 points
Interrupted, answered correctly	+4 points
Interrupted, answered incorrectly	-4 points
Unrecognized response ("blurt")	0 points
Bonus Questions	
Answered correctly	+6 points
Answered incorrectly	0 points
Team Challenge Questions	up to 20 points

The team with the most question points at the end of the 2nd 6-minute buzzer period wins the match. In the morning round-robin session, ties between teams at the end of a match are allowed to stand. In the afternoon elimination sessions, ties are broken by asking 5 toss-up questions. Scoring of tie-breaker toss-up questions is as described for toss-up questions during normal competition. The team accumulating the most points from these 5 questions wins the match.

Only competing students may challenge, based on a rules violation or a science issue. These challenges will be dealt with by the rules and sciences judges in the competition room. Appeals to the ruling of a rules or science judge can be made only by a competing student and will be referred to the "Appeals Board" in Bowl Central. Rulings by the Appeals Board are final.

Copies of the complete NOSB competition rules are available at the
Registration Table

Participating Schools

Bridgeport Aquaculture

Matthew Brander
Lyle Given
Charlotte Hickey
Ethan Pernek
Erik Weisensee

Rebecca Gladych - Coach

Churchville-Chili Senior HS

Rachel Corwin
Patrick Phillipy
Ashley Nortrup
Patrick Murphy
Juliana Saxena

Karl Biedlingmaier - Coach

Holley Community Science Team

Karl Jay Biedlingmaier
Thomas Dorbi
Bradley Kingdollar
Kayleigh Neale

Theresa Neale - Coach

Hunter College High School

Jeremy Kim
Hiren Kumawat
Daniel Shneider
Ryan Wu
Andrew Zhang

Noah Kaminsky – Coach
Caitlin Samuel Ass't Coach

Midwood High School – A

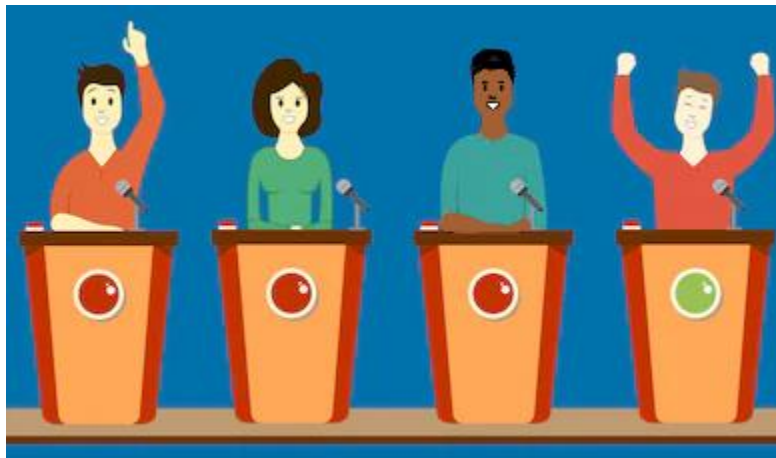
Kevin Ahrens
Henry Hua
Oleksandr Ihnatenko
Aryan Islam
Alyssa Kattan

Alan Stack – Coach

Midwood High School - B

Anna Chen
Maham Ghori
Declan Lin
Kevin Ng
Jennifer Yakubov

Kimberly Lau-Hoang - Coach



William Floyd High School

Krystine Greene
Alanis Gonzalez
Courtney Muchow
Emily Muniz
Katharine Stirber

Peter Macchia - Coach

Half Hollow Hills HS East

Benjamin Goldfried
Jillian Martin
Suraj Sharma
Sarina Tan
Samantha Tran

Danielle Talleur - Coach

Huntington High School

Luca D'Anna
Nicholas DiPetro
Oskar Kilgour
Andrew Knowles
Evan Martinez

Matthew Liguori - Coach

Massapequa High School

William Baroletti
Alex DeJesus
David Lee
Michael Liebow
Nicholas Monty

Gregory Kwas – Coach
Lisa Caputo – Ass't Coach

Mount Sinai High School

Aaron Angress
Katherine Fedotov
Jonathon Jacobson
Matthew Miller
Arielle Mule

Andrew Matthews – Coach
Glynis Nau-Ritter – Ass't Coach

Ward Melville High School

Meghana Karanth
Mariam Quraishi
Luke Randall
Ethan Winter
Camryn Zezelic

Marnie Kula - Coach



A cadre of willing and well-trained volunteers is necessary to conduct a regional NOSB competition. Our thanks to the 2020 Bay Scallop Bowl volunteers for their support not only on the day of the event but prior to and after as well.

THANK YOU !

Norah Allam	Molly Graffam	Sharon Pochron
Josephine Aller	Tabitha Halupa	Sandra Reyes
Robert Aller	Justin Holman	Tara Rider
Kate Aubrecht	Erin Hwong	Richard Rigazio
Betsy Barrows	Sally Kellogg	Elaine Rigazio
Ashley Bartnik	Benjamin Kramer	Konstantine Rountos
Steven Beaupré	Mark Lang	Brittney Scannell
Abbie Belknap	Linus Levey	Donna Selch
David Black	Glenn Lopez	Rachel Silver
Nancy Black	Ally Lowell	Nora Straquadine
Malcolm Bowman	Aubrey Luna	Larry Swanson
Chris Brianik	Kim Marko	Gordon Taylor
Zoe Brown	Tyler McNamara	David Taylor
Maria Brown	Alyssa Mikesh	Kellianne Ticcony
Sara Cernadas-Martin	Maureen Murphy	Marie Todey
Ruth Coffey	Rachel Neville	Nils Volkenborn
Jackie Collier	Devan Nichols	Joe Warren
Clare Dana	Emmanuelle Pales Espinosa	Tom Wilson
Maureen Davidson	Katerina Panagiotakopoulou	William Wise
Joe Dishopolsky	Chris Paparo	Elaine Wolf
Kathleen Fallon	Brad Peterson	Lucas Wong
Charlie Flagg	Joseph Pitt	Sally Zheng
Claire Garfield	Christopher Pitt Wolfe	
Brianna Gomez	James Pizaro	

2019 Bay Scallop Bowl Winners!



Hunter College High School



Mount Sinai High School



Midwood High School



SBU Marine Science Student Wins National Scholarship

Stony Brook freshman Clare Dana was named the 2019 winner of a [National Ocean Sciences Bowl](#) (NOSB) scholarship.

Since 2003 the NOSB, a program of the [Consortium for Ocean Leadership](#), has recognized and rewarded student achievement by providing scholarships to students who plan to pursue degrees in ocean science or a related science, technology, engineering or mathematics field. Dana was one of only five students from across the country to win a NOSB scholarship.



For three years during high school Dana competed at the [Bay Scallop Bowl](#) — a regional annual science competition of the NOSB that is hosted by Stony Brook University's [School of Marine and Atmospheric Sciences](#) (SoMAS). The competition features teams of high school students competing for cash prizes and a chance to represent New York in the NOSB final competition. Given her ability to organize and motivate her fellow students, Dana was chosen by her team to serve as captain for two years, and the Mt. Sinai team won the Bay Scallop Bowl in 2017 and 2018.

At Stony Brook Dana plans to major in marine science with a minor in filmmaking. Her goal is to better understand biological and physical processes in the ocean and then accurately communicate that information to the general public in an easily understandable way. One of Dana's top priorities is tackling plastics in the ocean. She received a 2017 Long Island Youth Conservation Summit grant for her efforts in teaching elementary students about recycling and developing her own lessons and activities on the dangers of plastics in the ocean.

The 2020 Bay Scallop Bowl will be held on Saturday, February 1, in Frey Hall. At this year's Bowl Dana will be volunteering as a rules judge in the high school competition.



APPLY FOR A NATIONAL OCEAN SCIENCES BOWL SCHOLARSHIP!

The National Ocean Scholar Program offers tuition assistance (up to \$1000) to rising college freshmen planning to major in an ocean science related field.

To be eligible, students must:

- have participated in the National Ocean Sciences Bowl (NOSB®) at least once during high school.
- be graduating from high school this year.
- be planning to pursue a post-high school degree in an ocean related field this coming fall.



Photos courtesy of NOAA

Application materials are available
online at www.nosb.org.

For more information or questions please contact
Ocean Leadership at nosb@oceanleadership.org.

The NOSB is a program of the Consortium for Ocean Leadership

Event Sponsors

Planning and putting on an event like the 2020 Bay Scallop Bowl takes time, effort, and money. This competition has been made possible by the generous contributions of our sponsoring organizations. The Consortium for Ocean Leadership manages the National Ocean Sciences Bowl (NOSB) and provides substantial financial support to individual regional NOSB competitions. Additional financial support for this event was provided by the Alfred & Jane Ross Foundation, Orsted.com – The Energy Company, New York Sea Grant, the Institute for Ocean Conservation Science, The Safina Center, the School of Marine & Atmospheric Sciences of Stony Brook University, and a special thank you to Dr. and Mrs. Robert Swanson for sponsoring our “Sundaes on Saturday.”



Bowl Planning Team

Regional Coordinator

Kim Knoll

Volunteer Coordinator

Kaitlin Willig

Event Coordinators

Ping Liu

Kurt Bretsch

Alex Sneddon

Event Photographer

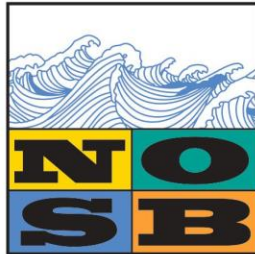
Joseph Dlhopsky

Technical Support

Mark Lang

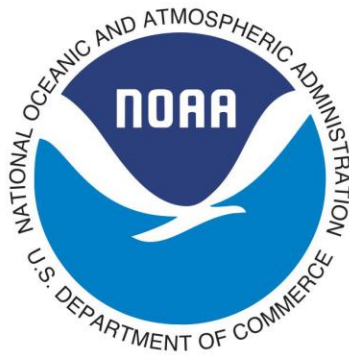
Bay Scallop Bowl Logo Created by

Sarah Cernadas-Martin



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SCIENCES BOWL®

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Sharon & Wayne
Sternberger



NOSB is a program of the Consortium for Ocean Leadership



Inaugurated in 1998, the National Ocean Sciences Bowl (NOSB) provides an educational forum for high school students to excel in math and science and receive national recognition for their diligence and talents. Administered by the Washington DC - based Consortium for Ocean Leadership, the 2020 NOSB features teams of high school students competing at 25 regional sites across the country. The winning team from each regional competition advances to the national competition, to be held April 16-19, 2020 in Long Beach/Gulfport, Mississippi.

The NOSB is coordinated in association with the National Oceanographic Partnership Program (NOPP), and is generously supported by U.S. government agencies as well as, corporations, foundations, and other non-governmental organizations. For a full list of current sponsors visit the website below.

[For more information on the National Ocean Sciences Bowl](#)

website: <http://www.nosb.org>
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fax:202 986-5072