Blue Crab Bowl: Winners 1998-2017

See our history of First Place teams from Virginia competitions, 1998 through 2017. Lists of participating teams for each year are posted on the Blue Crab Bowl website at http://web.vims.edu/adv/bcb/PDFnews.html.

The Blue Crab Bowl is one of 25 regional competitions of the National Ocean Sciences Bowl (NOSB®). The first NOSB competition was launched in 1998 by the Consortium for Oceanographic Research and Education (CORE) to further its mission of supporting and expanding oceans sciences education during the International Year of the Ocean. In 2007, CORE merged with the Joint Oceanographic Institutions (JOI) to form a new organization, the Consortium for Ocean Leadership. Representing over 90 of the nation’s leading oceanographic institutions, universities, industries and aquariums, the Consortium office in Washington D.C. hosts the NOSB National headquarters.

Virginia’s Blue Crab Bowl was among the original NOSB competitions. Designed to inspire and challenge high school students, the Bowl tests competitors’ knowledge of the marine sciences. Each match pits two teams of four students in an academic quiz-bowl format. Competitors use a buzzer system to respond to rapid-fire multiple choice and short answer questions read by a Moderator. Additionally, teams work collectively to produce written answers to complex analytical questions.

This year, thirteen teams from around the Commonwealth compete in round-robin divisions, then double elimination matches that narrow the field. The final tournaments rounds establish 1st – 4th place winners. The 1st Place team from the Blue Crab Bowl will represent Virginia in the national NOSB competition in Boulder, Colorado, April 19-22, 2018.

Spectators are welcome in competition rooms, but may not:
- enter or leave a room during a match;
- take pictures, notes or audio recordings during competitions;
- use cell phones or texting devices in competition rooms;
- communicate with contestants during matches, after breaks; or
- talk in the halls outside competition rooms during matches.

Please respect the integrity of the competition and the considerable effort made by ALL teams and officials in preparing for this event.
Awards and Sponsors

All Student Competitors
- Blue Crab Bowl logo sweatshirts & Logo lapel pins
- Consortium for Ocean Leadership
- Blue Crab Bowl logo towel
- Virginia Institute of Marine Science

All Coaches
- Blue Crab Bowl logo sweatshirts
- Consortium for Ocean Leadership
- 1-year membership, Mid-Atlantic Marine Education Association (MAMEA)
- Virginia Institute of Marine Science
- 2018 Sand Calendar
- Marine Advisory Services-Education, VIMS

New Coaches
- 1-year membership, Mid-Atlantic Marine Education Association
- Mid Atlantic Marine Education Association (MAMEA)

1st, 2nd, 3rd, 4th Place Teams
- Custom design Crab Bowl Team Trophies
- Custom Crab Competitors’ Mugs
- Virginia Institute of Marine Science

1st Place Team
- Invitation to NOSB competition in Boulder, CO, April 19-22, 2018
- and selected travel expenses
- Consortium for Ocean Leadership

1st Place Coach
- Complementary registration for 2018 MAMEA Fall Conference
- Mid-Atlantic Marine Education Association
- Gift certificate for educational resources
- Leave Only Bubbles/What If Scientific

Additional support graciously provided by:
- Old Dominion University; College of Sciences; Department of Ocean, Earth and Atmospheric Science
- Old Dominion University, Virginia Beach
- Chesapeake Bay Foundation Brock Environmental Center
- Virginia Institute of Marine Science Marine Advisory Program
- Hampton Inn Oceanfront South, Virginia Beach

Events Schedule: ODU Higher Education Center

Friday, February 2, 2018:
2:00-2:30 p.m. Team Check-In
Chesapeake Bay Foundation’s Brock Environmental Center
2:30-2:45 p.m. BCB Coordinator Announcements, Oyster Conference Room
2:45-4:15 p.m. Brock Center Tour
~4:30 p.m. Hotel check-in, afternoon & dinner on your own
Hampton Inn Virginia Beach Oceanfront South, Virginia Beach
7:00-9:00 p.m. Blue Crab Bowl Welcome: ODU Higher Education Center
Speaker, announcements, Mock Bowl, team photos & venue tour
2nd Floor Auditorium, Rm. 244A/B

Saturday, February 3, 2018: All events at ODU Higher Education Center
7:00 -7:45 a.m. Officials’ Check-in & Refreshments
1st Floor Café
7:45-8:15 a.m. Officials’ Meeting
1st Floor Café & Atrium
7:45-8:15 a.m. Team Check-In
2nd Floor, Crab Pot Central (Student Lounge)
8:30 a.m. Competition Day ALL HANDS Meeting
Mandatory for all competitors and coaches
Announcements, rules review
2nd Floor Auditorium, Rm. 244A/B
9:00 a.m. Round robin competitions begin.
See match schedule and posted room assignments.
11:15 a.m. Lunch
Teams and supporters – Auditorium, Rm. 244A/B
Officials and volunteers – 1st Floor Café & Atrium
12:00 p.m. Double elimination rounds begin.
Match schedule and room assignments posted at Crab Pot Central, 2nd Floor
2:20 p.m. Break & Snacks
2:35 p.m. Championship Rounds begin.
Played continuously, with announced breaks.
Auditorium, Rm. 244A/B
TBD
Awards Ceremony directly follows last competition round.
Mandatory team attendance, coaches receive packets & awards.
Auditorium, Rm. 244A/B

Following Awards Ceremony, Official photos to be taken of Winning Teams; Students & Coaches complete event evaluation; Teams dismissed.
Students & Coaches complete event evaluation; Teams dismissed.
Teams & Coaches

Bishop Sullivan Catholic High School
Carol Stapanowich

Broadwater Academy – Team A
Joseph Spagnolo

Broadwater Academy – Team B
Airlia Gustafson

Chesapeake Bay Governor's School, Glenns – Team A
Livia Gong

Chesapeake Bay Governor's School, Glenns – Team A
Sara Chaves Beam

Chesapeake Bay Governor's School, Warsow – Team A
Kim Olsen

Churchland High School
Cami Field

Isle of Wight Academy
Cassy Peffley

Maury High School
Liz Hobson

Seton School – Team A
Tricia Kellogg

Seton School – Team B
Hank Konstanty

York High School
Melissa Wade

Officials & Staff

Moderators
Peter Bernhardt
Celia Cackowski
Dreux Chappell
Greg Cutter
Carl Friedrichs
Sarah Nuss
Marta Sanderson
Dick Zimmerman

Science Judges
Rich Brill
John Brubaker
David Burdige
Dennis Darby
Fred Dobbs
Jan McDowell
Susan Park
Matthew Schmidt

Team Challenge Graders
Emily Hein
Hadley McIntosh
Emily Rivest
Joyce Strain
Richard Whittetar

Chief Scorekeeper
Stephanie Salisbury

Event Support
Andrew Deguzman
Bill Dunn
Tom Friesz
Cynthia Garvin
Brenda Jordan
Rick Kemp
Diane Leewater
Linda Lopez Caulkins
Renée Olander
Benny Olveira
Marc Richel
ODU/EAS office & fiscal support

Time Keepers
Sally Brooks
Shannon Cofield
Brian Collister
Svein Einarssson
Lindsey Nelson
Kristen Sharpe
Lauren Sommers
Laura Whitefleet-Smith

Score Keepers
Zuzy Abdala
Kristen Bachand
Charlie Carlson
Ryan Glaubke
Abigail Hills
Gina Ralph
Erica Smith
Megan Wood

Room Runners
Tiffany Birge
Christina Brooks
Kallie Brown
Trish Carocci
Michele Cochran

Samantha Fortin
Avery Gibbs
Jennifer Herzberg
Alfonso Macias
Robert Mills
Casey O’Hara
Kim Powell
Gabby Saluta
Annie Schatz
Dana Snyder

Team Challenge Judge:

Chief Rules Judge:

Score Keeper:

Time Keeper:

Rules Judges
Rip Hale
Amanda Knobloch
Lou Schaivo
Kristen Sharpe
Lauren Sommers
Laura Whitefleet-Smith

Challenges to Rules or Scientific Answers

Players (not coaches, alternates or audience members) may request a challenge to a question answer or rules enforcement by raising their hand & being recognized by the Moderator, but only before the Moderator begins reading the next question. The Time Keeper stops the clock, room officials confer and make a ruling. If the ruling is challenged a 2nd time, Head Judges make a ruling. No challenges are permitted on 2nd rulings or TCQs.

Competition Rules Overview

The Blue Crab Bowl follows the official rules of the National Ocean Sciences Bowl (www.nosb.org). The following overview should help spectators follow the competition, but not all rules are presented here.

Officials’ Roles

• Moderator: Asks the questions
• Science Judge: Rules on answer acceptability
• Time Keeper: Keeps the match clock
• Score Keeper: Tallies team scores
• Rules Judge: In charge of procedure
• Team Challenge Judge: Grades Team Challenge Questions (TCQs)

Players

Each team consists of 4 students: 1 captain and 3 players. The team’s alternate player may rotate in at the beginning or end of a match segment.

Types of Questions

There are two “buzzer question” segments per match. Individual players of either team buzz in to answer multiple choice toss-up questions. If the answer is not acceptable, the Moderator offers the question to the opposing team. When teams give acceptable answers to toss-ups, they are offered a multiple choice or short answer bonus question. Teams may consult on bonus questions, but only the team captain may give the answer. Two team challenge questions (written, analytical) are presented between buzzers.

Answers

Responses to multiple choice questions can be the letter (W, X, Y, Z) or the word answer, exactly as specified in the NOSB notebook. Anything else is unacceptable, including the phrase “My answer is...” The first answer stated is the one that counts. Responses to short answer questions must contain key words and concepts identified in the expected answer; the preface “My answer is...” is permissible.

When do players use the buzzer and answer questions?

The buzzer is used only for toss-ups questions. Players buzz in after the question and prospective answers are read.

If a player buzzes in before the Moderator has completely read the question, the Moderator recognizes the player and the players answer the question. If the answer is unacceptable, the team loses 4 points and the question is read to the opposing team. If the answer is acceptable, the team gets 4 points and the chance to answer a bonus question. If a player “blurs” an answer without being recognized, their team loses its turn.

Timing

• After toss-up question is read: 5 sec. to buzz in.
• From being recognized to answer: 3 sec.
• After bonus question read to answer: 20 sec.
• For TCQ: 2-5 min.

Points

• Toss-up question: 4 points
• Bonus question: 6 points
• Interrupt, recognized, but answer not acceptable: -4
• Blurt, unrecognized: 0 and team loses chance to answer
• TCQ: 0-20 (partial credit possible)
Round-Robin Matches: Rounds 1, 2 & 3; Matches 1-24
During the morning, in Round-Robin competitions, each team plays all others within its Division. Teams accumulate points based on number of wins, ties and losses (rather than raw scores). Teams in Divisions 2, 3 and 4 will have byes during the morning, but are required to report to their competition room.

Division 1
T1 = Bishop Sullivan Catholic High
T2 = Ches. Bay Gov. School, Warsaw-Team A
T3 = Churchland High School
T4 = York High School

Division 2
T5 = Seton School-Team B
T6 = Ches. Bay Gov. School, Glenns-Team A
T7 = Maury High School

Division 3
T8 = Seton School-Team A
T9 = Broadwater Academy-Team A
T10 = Ches. Bay Gov. School, Glenns-Team B

Division 4
T11 = Ches. Bay Gov. School, Warsaw-Team B
T12 = Isle of Wight Academy
T13 = Broadwater Academy-Team B

Elimination Rounds: Rounds 4, 5, 6 & 7; Matches 25-43
The highest placing teams in each Division are assigned to the A Bracket, the remainder go in the B Bracket for the Elimination Rounds. Teams are required to report to a match, even if they face a bye. B teams are eliminated after 1 loss, A teams after 2 losses. During the initial Elimination Rounds, Round 4 (Matches 25-32), A teams play other A teams, B teams play other B teams; four teams are eliminated. Starting with Round 5, remaining match winners play losers in three successive double-elimination series and eight more teams drop out. It is possible for a B team to stay in the running, just as it is possible for an A team to be eliminated. Performance counts. Note: Teams eliminated in Round 4 will play a required Consolation Match during Round 5 — not for position, but for prizes.

Trophy Rounds: Rounds 8, 9, 10 & 11; Matches 44-47+
Four teams progress to the trophy rounds, competing for 4th through 1st place.

To check on the progress and position of your team Round 1-7, visit Crab Pot Central in the Student Lounge (adjacent to atrium). Trophy Rounds (Rounds 8-11) take place in the Auditorium, 244A/B.

Key to Blue Crab Bowl Competition Rooms, ODU Higher Education Center, 2nd Floor:

<table>
<thead>
<tr>
<th>Room</th>
<th>Events</th>
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<tbody>
<tr>
<td>Auditorium: 244A/B</td>
<td>Teams AM meeting; Lunch; Trophy Rounds 8-11; Awards Ceremony</td>
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<tr>
<td>217</td>
<td>Competition room, rounds 1-7</td>
</tr>
<tr>
<td>221</td>
<td>Competition room, rounds 1-7</td>
</tr>
<tr>
<td>251</td>
<td>Competition room, rounds 1-7</td>
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<tr>
<td>219</td>
<td>Competition room, rounds 1-5</td>
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<tr>
<td>239</td>
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<tr>
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</tr>
<tr>
<td>257</td>
<td>Competition room, rounds 1-5</td>
</tr>
<tr>
<td>Student Lounge</td>
<td>Crab Pot Central: Teams, supporter &amp; VIP check-in; scores posted;</td>
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<tr>
<td></td>
<td>Chief Scorekeeper; BCB Coordinators</td>
</tr>
<tr>
<td>1st Floor Café/Atrium</td>
<td>Officials: check-in, meal service, Officials AM meeting.</td>
</tr>
<tr>
<td>2nd Floor, Rm. 210</td>
<td>Officials: TCQ Grading/Appeals Room; Head Rules Judge; Officials storage</td>
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</tbody>
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2018 Blue Crab Bowl Competition & Room Schedule

<table>
<thead>
<tr>
<th>Match Time, Room, Teams’ &amp; Officials’ Assignments</th>
<th>Rounds 1-7 ODU Higher Education Center, 2nd Floor</th>
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<tbody>
<tr>
<td>Round Robin</td>
<td>A</td>
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<tr>
<td>9:00 AM Round 1 Matches 1-8</td>
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<td>9:45 AM Round 2 Matches 9-16</td>
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<tr>
<td>10:30AM Round 3 Matches 17-24</td>
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<tr>
<td>11:15AM</td>
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</tbody>
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12:00 PM Round 4 Matches 25-32                     |        | 25 Exh  | 26 Exh  | 27 Exh  | 28 Exh  | 29     | 30     | 31     | 32     | A1 v  | A2 v  | A3 v  | A4 v  |
| 1:00 PM Round 5 Matches 33-38                     |        | 33 Exh  | 34      | 35      | 36      | 37 Exh | 38 Exh | 39     | 40     | W29 v | W34 v | W27 v | W36 v |
| 1:45 PM Round 7 Matches 41-43                     |        | 41      | 42      | 43      | 44      | 45      | 46      | 47      | 48      | W40 v | W35 v | W40 v | W35 v |

2:20 PM                                            |        |         |         |         |         |         |         |         |         | Break |

2:35 PM Round 8 Match 44: W41 v W42                 |        | L44 = 4th Place |
3:15 PM Round 9 Match 45: W44 v L43                 |        | L45 = 3rd Place |
3:55 PM Round 10 Match 46: W43 v W45                |        | 1st & 2nd Place |
4:35 PM Round 11 Match 47: W46 v L46                |        | 1st & 2nd Place |

In order to assure quiet in the competition rooms, there can be no talking or loitering in the halls during matches. Seating is available on the 1st Floor for those not competing or observing a competition.

As a demonstration of good sportsmanship, all teams are expected to attend the entire BCB program, including the awards ceremony.
Old Dominion University (ODU) is a competitive university that reviews applications on an individual basis. Each application is carefully read and reviewed by the Office of Admissions staff. While academic performance is a vital factor in the decision-making process, we also take into account athletic and student organization participation, as well as community service. ODU seeks well-rounded students who have a zest for higher education, like to take part in extra-curricular activities, and are interested in exploring career opportunities through their college experience.

The Department of Ocean, Earth and Atmospheric Sciences (OEAS), founded at Old Dominion University in 1969, has a mission to acquire and disseminate knowledge of the earth system, including the relationships among the biological, chemical, geological and physical components of our planet. The Department has expertise in ocean margin processes, coastal system processes and coupled quantitative models. OEAS offers a bachelor of Sciences degree in Geology, Master of Sciences degrees in Geology and Oceanography, and a Doctor of Philosophy in Oceanography.

Old Dominion University's Regional Higher Education Centers (RHECs: ODU-Peninsula, ODU-Tri-Cities, ODU-Virginia Beach) serve as gateways to the University, providing accessible, high quality education in three locations within greater Hampton Roads. Supporting high-demand and critical shortage professions with select graduate and undergraduate degree, certificate and continuing education programs offered in traditional, Distance Learning, and hybrid formats, the RHECs are service-centered, state-of-the-art academic facilities that offer resources to foster success and accelerate degree completion especially among commuter and transfer students. In addition, the RHECs support the university’s strategic partnerships and community engagement initiatives, and also provide conference, training and professional development space for local school divisions, municipalities, businesses and nonprofits.

The Virginia Beach Center’s location in the heart of the City makes it convenient for students transferring in pursuit of baccalaureate degrees, as well as for working adults to pursue professional development through graduate and undergraduate degree, certificate, and continuing education programs.

For more information, visit these web sites:
www.odu.edu; www.odu.edu/vabeach;
www.odu.edu/sci/oceanography/;
www.ccpo.odu.edu/.

Chartered in 1940, the Virginia Institute of Marine Science (VIMS) is a graduate school of the College of William and Mary. As one of the largest marine research and education centers in the United States, VIMS has a three-part mission to: conduct interdisciplinary research in coastal ocean and estuarine science; educate students and citizens; and provide advisory service to policy makers, industry, and the public.

The School of Marine Science (SMS) is the graduate education component of VIMS. Recognized worldwide for expertise in coastal marine science, VIMS faculty of over 50 includes representatives from numerous disciplines, including: biological, chemical, and physical oceanography, genetics, immunology, toxicology, wetlands science, aquatic disease; and computational modeling. The current student body of nearly 100 students is approximately half women, and includes students from around the world. The School’s purpose is to provide quality interdisciplinary education and research opportunities for students pursuing advanced degrees in marine science. Students participate in comprehensive coursework and interact closely with faculty involved in active research. Roughly half of SMS students are working on Masters theses, the rest on Doctoral dissertations. In collaboration with the School of Arts & Sciences at the College of William and Mary, VIMS offers an undergraduate Marine Science Minor.

The main campus in Gloucester Point includes sophisticated laboratories for advanced studies in several disciplines of marine science. A fisheries science building includes teaching and research labs, and a sample-processing facility. Aquaculture genetics and grow-out facilities are located on the main campus, as well as at a satellite center. VIMS maintains a field station on Virginia’s Eastern Shore which supports research and education with its laboratories, hatchery and other facilities. The Institute offers workshops and web-based resources for teachers, as well as public education opportunities including lecture series, open house and special events, public tours.

For more information visit these websites:
http://www.wm.edu/
http://www.vims.edu/
Blue Crab Bowl Regional Sponsors
2018

Blue Crab Bowl: Winners 1998-2017, continued

2006 — 9th Annual
Chesapeake Bay Governor’s School-
Warsaw Campus

2007 — 10th Annual
Chesapeake Bay Governor’s School-
Warsaw Campus

2008 — 11th Annual
Bishop Sullivan Catholic High
School, Virginia Beach

2009 — 12th Annual
Bishop Sullivan Catholic High
School, Virginia Beach

2010 — 13th Annual
Bishop Sullivan Catholic High
School, Virginia Beach

2011 — 14th Annual
Bishop Sullivan Catholic High
School, Virginia Beach

2012 — 15th Annual
Bishop Sullivan Catholic High
School, Virginia Beach

2013 — 16th Annual
Bishop Sullivan Catholic High
School, Virginia Beach

2014 — 17th Annual
Bishop Sullivan Catholic High
School, Virginia Beach

2015 — 18th Annual
Bishop Sullivan Catholic High
School, Virginia Beach

2016 — 19th Annual
Bishop Sullivan Catholic High
School, Virginia Beach

2017 — 20th Annual
Bishop Sullivan Catholic High
School, Virginia Beach