#### **EXHIBIT HALL HOURS**

#### THURSDAY

**5:30PM-7:30PM** Exhibit Hours

#### **FRIDAY**

8:00AM-5:30PM Exhibit Hours

4:00PM-5:00PM
Meet and Greet with NABT Leaders

4:00PM-5:30PM Exhibit Hall Closing Experience

#### **EXHIBITOR KEY**

#### SPONSORSHIP TIERS

- Diamond
- Gold
- Silver
- Treasure Hunt Exhibitors

#### **EXHIBIT HALL MAP KEY**

- SPONSOR BOOTHS
- **X** TREASURE HUNT EXHIBITORS



#### **ENTRANCE**

#### ■ 3D Molecular Designs

#### **Booth #217**

3dmoleculardesigns.com

Our collaborative kits and interactive models give words meaning by focusing on core ideas and intersecting concepts in biology, chemistry, physical and life sciences. Engaging kits and models invite students to explore patterns, make predictions, and revise their explanations while grappling with complex science ideas. Teachers play key roles in the design, field testing, and activity development of all our models so you can be sure learning is successful in the classroom. Kits support STEM, NGSS, IB, PLTW and can be incorporated in existing curriculum. Watch our newsletter for 2024 summer courses info and ask about our new Mighty Models today!

## ■ ADInstruments NZ Limited •

#### Booth #205

adi.to/biology

ADInstruments is committed to its goal of making science easier for educators worldwide. We focus on fully-customizable, ready-to-use solutions to help keep your students engaged. Our Lt Biology Collection, developed in partnership with Vernier and Bio-Rad™ Laboratories, addresses core concepts in first-year undergraduate introductory biology. The collection introduces a variety of concepts fundamental to biology and biochemistry.

#### **Aidmics Biotechnology**

#### Booth #311

uhandy.cc/eng

uHandy Mobile Microscope is your second pair of eyes that create infinite possibilities for science education. From microscopic living cells to insects, from shimmering crystals to rocks, uHandy makes these fascinating subjects visible, approachable, and enlightening. To achieve the greatest impact, focus on the smallest details.

#### **Algae Research Supply**

#### Booth #214

algaeresearchsupply.com

Algae Research and Supply is a group of geeks who believe that algae will be one of the tools used to remove CO2 from the atmosphere. Our mission is to get the cultures, equipment, and know-how to teachers and students so that they can wield algae as means to fight climate change.

#### The American Phytopathological Society (APS)

#### Booth #405

apsnet.org

Advancing the science of plant health to assure a sustainable future. APS is a global community of individuals with a shared interest in plant health and a drive to discover, disseminate, and apply new knowledge of plant health worldwide to promote the development and adoption of economically and environmentally sustainable practices.

### American Society of Plant Biologists

#### Booth #401

aspb.org

The American Society of Plant Biologists promotes the growth and development of plant biology, encourages and publishes research in plant biology, and provides vital supports for plant scientists. The Society actively works to increase awareness of the significance of plants, support educators, and increase student interest in STEM by promoting scholarly teaching, active learning, effective mentoring, and evidence-based public engagement.

#### ● Amplyus (miniPCR) [-×

#### Booth #300

minipcr.com

At miniPCR bio, we reimagine what is possible in the biology classroom. We design equipment and curriculum for affordable, hands on, truly engaging biology education for learners from middle school through college.

Our DNA Discovery System, which combines miniPCR and blueGel electrophoresis, offers teachers and students unprecedented access to complete DNA analysis, and our curriculum products bring biology out of the black box by rendering complex concepts visible and tangible.

#### Anatomage

#### **Booth #201**

anatomage.com

Anatomage is a medical company, driving innovation through advanced solutions in hospitals and educational institutions. Our digital cadaver table, the Anatomage Table, allows a hands-on approach to learning the human body through unique visualization options, dissection tools, and quiz mode features, making it a strong asset to any anatomy class.

#### **Animalearn**

#### Booth #304

thesciencebank.org

Animalearn works to end the harmful use of animals in science education by providing non-animal resources to make positive change. We offer humane dissection alternatives, expert information, and advocacy tools. Animalearn's one-of-a-kind lending library, The Science Bank, is home to hundreds of high-quality, animal-friendly humane science education products that can be borrowed for FREE.

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BALTIMORE, 2023 | #NABT2023 5

#### Avantor (Ward's Science)

#### Booth #106

wardsci.com

Ward's Science is your complete solution for materials and support for every science subject. Because YOU make big things happen in the classroom each day, we stand with you every step of the way.

Discover a powerful combination of products, resources, and expert support for worry-free shopping, so you're free to focus on connecting your students to science—and inspiring them to explore the world.

#### Bedford, Freeman & Worth High School Publishers

#### Booth #303

bfwpub.com

BFW Publishers is the leading provider of innovative AP® Science programs. With full CED alignment and integrated skills practice, our programs are designed to build the skills necessary for success on the AP exam and in the course. Our AP Biology program, Biology for the AP Course, and our market-leading AP Environmental Science program, Environmental Science for the AP Course—like all of our programs - provide unmatched AP specific features, teacher and student resources, online homework with targeted feedback, and much more. Additionally, we publish groundbreaking texts such as College Physics for the AP Physics 1 & 2 Courses and Living By Chemistry (an inquiry-based chemistry program). With a reputation for excellence, BFW is proud to be part of the Macmillan Learning Family.

#### **BioBrain**

#### Booth #105

biobrain.com.au

BioBrain is an online platform that offers STEM learning resources for high school and college students, focusing on biology, chemistry and physics. Created by teachers, BioBrain helps students achieve the best learning outcomes possible, utilizing the latest technology available. BioBrain's curriculum-aligned learning

materials are broken down into small bite-sized chunks, graded over three levels, to suit today's digital-native learners. Each subject features comprehensive learning materials with clear and detailed scientific diagrams. Short quizzes with a variety of question formats are used to assess understanding. The illustrated glossary helps students grasp the more difficult scientific concepts. BioBrain is available on all desktop and mobile devices, allowing students to learn at their own pace, anytime, and anywhere.

#### Bio-Rad Laboratories, Inc.

#### Booth #204

explorer.bio-rad.com

Bio-Rad provides a completely supported life science experience. Bio-Rad products are state of the art and take student learning objectives into account. Starting with the highest quality curriculum and reagents with guaranteed results, Bio-Rad provides peace of mind each time you spend your precious lab budget. We focus on providing teachers with the best resources possible so you can focus on what you do best—teach!

#### **Biology Magnets**

#### **Booth #409**

biologymagnets.com

Biology Magnets is a company producing manipulative educational tools that allow teachers and students to physically model biological and chemical processes and molecular interactions on magnetic white boards in the classroom. Immediately increase student understanding and questioning, and easily identify student misconceptions. Modules cover all major units of biology for middle school through college curriculum. Chemistry and environmental science modules are also available. Modules are affordable, easy to store, and will last indefinitely. Add another dimension to your teaching.

#### ■ BIOZONE Corporation ■ ×



#### **Booth #101**

biozone.com

BIOZONE has more than 30 years of experience in the development of engaging and effective resources for science teaching and learning. Our resources are unlike any you've seen before and a departure from the traditional basal textbook paradigm. We take a "worktext" approach, combining the very best features of a traditional textbook with an interactive workbook. The resulting hybrid provides well-designed, compact lessons that engage students and provide a rigorous yet accessible program of work. Our expert writers bring science to life through the use of phenomena from engagement to assessment. We continually revise and improve our resources to ensure they remain current and relevant to your needs. Part of this process is engaging with you as teachers and valuing your feedback, and we are only ever a phone call or email away. By their innovative design, our resources encourage student interaction, using simple investigations and data analysis to engage students in the science around them.

#### **BiteScis**

#### **Booth #314**

bitescis.org

BiteScis is a Massachusetts-based program that brings together educators and researchers to develop NGSSaligned, research-based lessons for college prep classes. Our lessons weave together core content knowledge with emerging research, making it easy for teachers to share exciting, creative, and authentic science research with their students. In this way, students come to understand that the knowledge they have right now is being used by actual scientists doing really cool "real" science. Students also learn about the many faces of science through our BiteScientist profiles. All of our lessons are available online in an editable form at no cost and we are continually working with teachers and researchers to create new content.

BiteScis is a program of ComSciCon, a fiscally sponsored program of Community Initiatives, Oakland, CA.

#### **Botanical Society of America**

#### **Booth #407**

plantingscience.org

PlantingScience is a free online resource for teachers and schools. We are a learning community where scientists provide online mentorship to student teams as they design and think through their own inquiry projects. The open education resources (OER) support NGSS-aligned plant investigations that integrate scientific practices and big ideas in biology.

#### Carolina Biological Supply Company

#### Booth #400

carolina.com

Carolina Biological Supply Company is a worldwide leader in science education, providing top-quality, innovative materials for educators. Carolina serves the K-16 market with everything needed to equip science laboratories and classrooms. Products. kits, NGSS lab solutions, and free teacher resources are available at carolina.com. Carolina™ Science catalog available upon request.

#### **Clemson University**

#### **Booth #210**

clemson.edu

The Department of Biological Sciences is proud to offer an online, non-thesis Master of Biological Sciences designed specifically for K-12 teachers. The curriculum consists of 30 credit hours of relevant, rigorous, and challenging graduate courses specifically designed to improve science-content knowledge. This program is fully in a distancelearning format.

#### **Cognitive Surplus**

#### Booth #306

cognitive-surplus.com

We are fascinated by and curious about the science in the world around us. We love everything from physics jokes to the exquisite beauty of early scientific etchings and illustrations. We're inspired by a sense of wonder for our universe and a desire to look closer.

We think gazing up at the night sky, watching leaves turn color in the fall, and the way magnets work is intriguing and kinda magical, and we hope that we're able to share some of our

excitement through our designs.

#### Discovery Education— Pivot Interactives \*\*

#### **Booth #111**

pivotinteractives.com

Pivot Interactives is an online science curriculum supplement that helps teachers provide more phenomenabased, active learning, with interactive video-based science activities for biology, environmental science, chemistry, earth and space science, and physics. Students see, measure, analyze, and explore science for themselves. The extensive library of activities crafted by veteran science educators makes it easy for teachers to actively engage students in the exploration of scientific phenomena while developing their skills in the science practices.

#### ■ Edvotek, Inc. 🔼

### Booth #200

edvotek.com

Edvotek was the world's first company dedicated to demystifying biotechnology for students. In 1987, we envisioned how the emerging area of biotechnology could inspire students to choose a career in science. Today, Edvotek has expanded to become the world's leading supplier of safe, affordable, and easy-to-use biotechnology kits and equipment.

#### **Fair Hope Graphics**

#### Booth #102

fairhopegraphics.com

Fairhope Graphics creates posters and murals illustrating the most current peer-reviewed evolutionary research tracing the common ancestry and diversification of life from the first single-celled organism to all major clades of extant life. Our continually updated tree of life and earth history graphics facilitate teaching evolutionary principles, phylogenetic classification, misconceptions, and deep time. Accompanying activities reinforce and test concepts.

#### The Foundation for **Biomedical Research**

#### Booth #104

FBResearch.org

The Foundation for Biomedical Research (FBR) is America's most experienced, trusted, and effective nonprofit dedicated to improving human and animal health by promoting public understanding and support for biomedical research. We believe that by illuminating the essential role animal research plays in changing health outcomes and defeating illnesses, we can help make lives even better.

#### iWorx Systems, Inc.

#### Booth #305

iworx.com

iWorx helps educators teach physiology. We provide affordable laboratory kits that engage your students. They contain all the sensors, software, and lab write-ups needed for fun hands-on experiments in cardiovascular, neuromuscular, and respiratory physiology.

#### **The Jackson Laboratory**

#### **Booth #211**

jax.org

The Jackson Laboratory (JAX) is an independent, nonprofit biomedical research institution which aims to discover precise genomic solutions for disease and empower biomedical researchers to improve human health. JAX Genomic Education develops NGSS-aligned lessons, activities, and hands-on laboratory protocols for teaching and learning about genetics and genomics. Our Teaching the Genome Generation™ professional development program provides teachers with the content knowledge, teaching strategies, and resources needed to implement molecular genetics labs, bioinformatics activities, and bioethics lessons that effectively engage students.

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#### **EXHIBITORS**

#### **Kendall Hunt Publishing Co.**

#### **Booth #307**

kendallhunt12.com

Kendall Hunt has a 75-year history of providing innovative educational solutions. BSCS Biology: Understanding for Life is a fullyear, high school level program and inquryHub Biology is freely available digitally as an open educational resource. Understanding for Life is an inquiry-based, research-driven curriculum designed for the Next Generation Science Standards while inquiryHub Biology engages students in ways to help them become more proficient in all eight science and engineering practices. For more information, visit: https://k12. kendallhunt.com/.



#### Booth #301

lab-aids.com/sgi

Lab-Aids is a core and supplementary curriculum publisher, exclusively in K-12 science, that focuses on providing a hands-on experience for students and field-tested instructional materials for teachers. Our high school biology course, Science and Global Issues: Biology, is developed at the Lawrence Hall of Science with a new NGSS edition released this year. For more, please visit lab-aids.com

#### LabXChange

#### **Booth #115**

labxchange.org/nabt-conference-2023

LabXchange is a global science classroom open to every curious mind. Created at Harvard University with support from the Amgen Foundation, this powerful digital platform makes high-quality science education accessible, connects learning to careers, and gives everyone, everywhere, the opportunity to chart a path in science for free. Through collaboration, personalization, and contextualization, LabXchange offers an integrated teaching and learning ecosystem in which tomorrow's thought leaders can build knowledge, contribute unique perspectives, and engage with a diverse, global community to develop a sense of belonging.

#### **MaLa Scientific**

#### Booth #315

malascientific.com

After decades of teaching biological and medical topics, MALA Scientific President, Dr. Lakshmi Atchison, knew the topics where students struggled. MaLa Scientific was created by educators, for educators. Our educational models and lesson plans enable students to understand blood cell diseases, human skin, and cancer. Lesson plans and model kits are available for (1) Blood cell biology and diseases (2) Human skin: Think Inside the Box. The kit includes a detailed lesson plan with information on all skin layers, materials for constructing a model of human skin, and colorful original hand-drawn illustrations. (3) Cancers that impact high school and college students. MALA Scientific provides an easy-to-read booklet to educate young adults on 8 cancers that can impact young people, and details on their prevention.

# Maryland Sea Grant/Institute of Marine and Environmental Technology (IMET)

Maryland Sea Grant is a state and

#### **Booth #114**

mdsg.umd.edu

federally funded organization that supports and provides environmental research, outreach, and education on the Chesapeake Bay, Maryland's coastal bays, and their watersheds. We work to fund research to advance understanding of Maryland's estuaries, coasts, and watersheds; help the people of Maryland solve environmental challenges; educate students of all ages, from K-12 to graduate students; promote a sustainable coastal economy; and support conservation of the Bay and Maryland's coastal resources. Our offices are in College Park, Maryland, and our funded researchers, fellows, and Extension specialists work across the state. Our focus areas include healthy coastal ecosystems, sustainable fisheries and aquaculture, resilient communities and economies, and environmental literacy and workforce development. Maryland Sea Grant, part of the University System of Maryland, is a partnership between the State of Maryland and the National Oceanic and Atmospheric Administration.

#### **MiniOne Systems**

#### **Booth #414**

theminione.com

Game-changing MiniOne® Systems equipment and labs enable equal access to key biotech techniques for grades 7-12 and beyond. Whether used in the classroom lab or at home, our systems and inquiry-based lab kits save time and money, and engage students with hands-on participation to answer real world questions.

### National Anti-Vivisection Society

#### Booth #110

navs.org

The National Anti-Vivisection Society (NAVS) is a nonprofit organization dedicated to advancing science without harming animals. Through our biology education advancement program, BioLEAP, we support teachers in providing a compassionate learning experience for students. Our program website, bioleap.org, offers an extensive catalog of over a hundred different humane dissection tools that serve as cruelty-free alternatives to specimen dissection. To further support teachers, we offer awards of up to \$1,000 through the BioLEAP Classroom Grant, assisting in the replacement or reduction of animal dissection labs. We also provide free high school level curricular materials that align with Next Generation Science Standards and introduce the 3Rs Principle of Humane Experimental Technique.

### National Center for Science Education

#### Booth #215

ncse.ngo

The National Center for Science Education (NCSE) works to ensure that what is taught in science classrooms is accurate and consistent with the current best understanding in the scientific community. NCSE focuses on climate change and evolution—areas of science that are socially, but not scientifically, controversial. Additionally, NCSE works to provide nature of science resources to teachers during a time when understanding the process of science has never been more critical.

#### **National Geographic Cengage**

#### Booth #310

ngl.cengage.com

National Geographic Learning, a part of Cengage Group, is a K-12 publisher focusing on college and career readiness with content and interactive learning and a new focus in on-level and AP science. We are launching our newest program, National Geographic Biology. Only National Geographic can present biology through amazing photography and diverse National Geographic Explorers who share biology stories, case studies, and original Virtual Labs that transport students to rain forests, deep oceans, and more to learn and study.

#### **Nourish The Future**

#### **Booth #107**

nourishthefuture.org

Nourish the Future (NTF) connects the agriculture industry to the classroom to make learning science fun and engaging for students. NTF believes that agriculture is the new environmental science, and the best way to teach science is through a real-world context. We want to help teachers inspire their students- not only to learn science and solve problems-but to see the possibilities of STEM careers in agriculture. Nourish the Future provides free learning resources for classrooms, free experiential professional learning, and a one-year national fellowship for a few select teacher leaders who want to impact their communities in big ways. NTF lessons are geared toward life science, chemistry, and environmental science—and aligned to the NGSS. NTF educator workshops happen around the country and online and are free to participate in for grades 6-12.

Get inspired and equipped to lead great inquiry-based STEM lessons with your students and share relevant career opportunities in science and agriculture! Find NTF lessons and resources, sign up for a workshop near you, or apply for our special fellowship program at nourishthefuture.org

#### **Penn State University**

#### Booth #415

csats.psu.edu wolbachiaproject.org

Join us to learn about exciting programs for teachers and students at Penn State University. The Center for Science and the Schools (CSATS) - CSATS works with Penn State researchers to develop and implement teacher professional development workshops based on the practices of scientists and engineers. Discover the Microbes Within: The Wolbachia Project is a freely available, integrative lab series that empowers students and teachers with real-world skills and experience in biodiversity. biotechnology, and bioinformatics. We invite your students to join thousands of young scientists across the world to contribute scientific data on arthropod diversity within their local communities and report the frequency of a fascinating bacterial endosymbiont, Wolbachia pipientis. Together, we will collaborate with scientists in The Penn State Microbiome Center to optimize, accelerate, and disseminate longlasting applications and knowledge on the microbiome.

#### **Seeds of Change Research**

#### Booth #317

socresearch.org

Seeds of Change, Inc. (SOC Research) is a 501(C)(3) nonprofit corporation with a mission to encourage high school students to pursue science-related careers. SOC Research accomplishes this by immersing students in original research experiences that ignite a passion for science well before they are in college or graduate school. The SOC Tropical Field Research program in Costa Rica was developed to guide high school students in hands-on field research that takes advantage of the immense biodiversity of the tropical rainforest. In this program, students learn how to apply the scientific method while collaborating with team members to establish their original research question and experimental design for their project. Students work as a team to implement research steps effectively and overcome challenges.

They use statistics to validate the results and develop presentations. The SOC Bioinformatics Research immersion program for high school students is also taught in Costa Rica. Finally, SOC has been training teachers since 2021 on how to run Insect-Microbiome Antibiotic Bioprospecting research labs in their high school.

#### **SimBio**

#### Booth #406

simbio.com

SimBio produces proven-effective, state-of-the-art active learning tools used in college biology courses worldwide. Our modules employ sophisticated interactive simulations and other interactives to teach biology in an inquiry-driven learning style. Our goal is to improve biology education by creating content that engages students in critical thinking and active learning. We strive to bring the logic and elegance of biological processes to life, and to prime students to show up to class ready to learn. As of 2022 we're 100% employee-owned!

Stop by our booth at NABT to see a demo, receive free evaluation software, or learn how to replace your intro bio textbook with SimBio's affordable active learning teaching tools!

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BALTIMORE, 2023 | #NABT2023



#### **TeachDNA**

#### Booth #404

teachdna.net

TeachDNA was born to design, manufacture, distribute, and explain hands-on, buildable, dynamic models of biomecular structure. Launching in 2023, we begin with PlayDNA!—a simple cartoon sculpture kit that uniquely enables tactile simulation of molecular geometry, bond strength, and the important bending and twisting mechanics of the nucleic acid double-helix. Students can build accurate representations of DNA replication, RNA synthesis, and even codon-anticodon pairing, for starters; advanced students can build Holliday junctions, pseudoknots, and other things real and imaginary. Deep learning is made possible by hands-on exploration! More designs are on the way. We use local talent and nontoxic materials to make durable. beautiful, and instructive things. Our things are engineered to minimize cost to consumers, thus maximizing accessibility. Have fun learning and teaching DNA!

#### **University of Florida, Biotility**

#### Booth #103

biotility.research.ufl.edu

Biotility at the University of Florida offers pathways for individuals seeking to jumpstart or advance their career in the bioscience industries. Our programs include industry short-courses, bioscience educator professional development, and the Biotechnician Assistant Credentialing Exam (BACE) – a biotechnology industry-recognized credential that can be earned before students even graduate high school.

#### Vaccine Education Center at Children's Hospital of Philadelphia

#### Booth #100

vaccinemakers.org

The Vaccine Makers Project (VMP) is the classroom-based program of the Vaccine Education Center at Children's Hospital of Philadelphia (VEC). Our team is committed to public education about vaccine science via scientifically supported, historically accurate, and emotionally compelling content. To this end, the VMP has developed a variety of free, school-based curricula to educate students about how the immune system works, how diseases develop, and how vaccines work to prevent them. While the immediate goal is to provide educators with the information and resources necessary to teach this scientific success story, the greater opportunity is to immunize our country's next generation of adults against scientific misinformation and disinformation while also equipping them with the skills necessary to critically evaluate the multitude of science-based topics central to how we live on and interact with this planet. Only when people understand and consider the scientific underpinnings of relevant topics can we expect that they will be equipped to make informed and logical decisions.

## Vernier Software & Technology

#### Booth #207

vernier.com

Vernier Science Education is committed to using our experience, knowledge, and passion to create the best and most reliable solutions for biology education. Our comprehensive solutions include hardware, software, content, assessment, professional development, and technical support. We are dedicated to partnering with biology educators and communities to build a STEM-literate society where students grow up to become knowledgeable citizens who can solve problems, fully contribute to their communities, and drive innovation.

#### **Visible Body**

#### Booth #202

visiblebody.com

Visible Body's 3D biology and AR human anatomy and physiology platforms improve in-class and online education outcomes while making learning anatomy easy and fun. Visible Body's Courseware platform integrates with Canvas and Blackboard and allows instructors to assign and customize auto-graded labs and homework, 3D models, and flashcards.

#### W.W. Norton & Company

#### **Booth #216**

wwnorton.com/biology

Norton Biology brings together the best minds in biology teaching and research under one roof—from Sean Carroll to Bruce Alberts to Peter Parham. We provide superior visuals, up-to-date research, and active learning resources to help students see the world like biologists.

#### **Wisconsin Fast Plants Program**

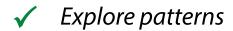
#### Booth #410

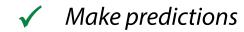
fastplants.org

Wisconsin Fast Plants of UW-Madison freely shares innovative resources for teaching science at all levels with rapid-growing Fast Plants. We bring to NABT and share online NGSS-aligned resources for elementary, middle/high school, and AP Biology. From life cycle, to genetics, evolution and environmental sciences, Fast Plants bring science alive.



Interactive kits and models invite students to:





✓ Revise their explanations

✓ Grapple with complex science concepts

Explore these innovative models and experience "Aha" moments during our sessions at NABT23!







Join us for **Modeling the Molecular World** in 2024! Learn more at **3dmoleculardesigns.com**