



2022-23 ANNUAL REPORT

Life Science Community Support



IACUC, IBC AND IRB SUPPORT

NCABR partnered with the Massachusetts Society for Medical Research, the FBI and the Maine Regulatory Training and Ethics Center to present *The Three I's (IACUC, IBC & IRB): Biosecurity & Research Integrity™ – Promoting the Responsible Conduct of Research, Partnership, Ethics, Best Practices and the Exploration of Current Trends* on April 24 - 26 at The Carolina Inn in Chapel Hill.

The conference featured 36 speakers from 26 organizations and covered topics including the latest in xenotransplantation, how to secure access to research data, extreme research activism, controlled substances and conflict of commitment.

MEMBER CONVERSATIONS

NCABR gathered the membership for a virtual *Member Conversation* in November that drew 25 attendees from 10 member organizations to discuss risk assessment and disaster planning – topics requested by the membership for exploration. NCABR's *Member Conversations* are periodic member meetings held on an as-needed basis to address timely topics of interest. They have supported 351 members since 2015.

COMMUNICATIONS MONITORING

With our counterparts in States United for Biomedical Research, NCABR invested this past December in a new communications-focused virtual platform that allows NCABR to monitor traditional and social media for stories related to its member research institutions, laboratory animal research breakthroughs in North Carolina, and the latest campaigns and areas of focus for the animal rights community.

BTG 2022



K-16 STEM EDUCATION CONFERENCE

In October, NCABR presented the 11th annual *Bridging the Gap: Uniting North Carolina K-16 STEM Education* conference, whose goal is to strengthen K-16 science, technology, engineering and math education throughout North Carolina.

Held at the N.C. Biotechnology Center in Research Triangle Park, the conference drew 204 attendees and featured more than 75 presenters. Keynote speaker Mitch Prinstein, Ph.D., Chief Science Officer at the American Psychological Association, discussed the effects of technology and social media on teen brain development.

Following the two-day in-person conference in October, NCABR held its first-ever *STEM Educator Wellness Reboot* in January 2023. This one-day workshop featured keynote speaker Ann Kulze, M.D., founder of the Healthy Living School. Dr. Ann shared the latest science relating to diet, lifestyle and brain health. Other wellness topics addressed were sleep science, the science of aging and technology addiction in teens.

Sponsors were Appalachian State University; Biogen; the Burroughs Wellcome Fund; Davidson College; the N.C. Biotechnology Center; the N.C. Science, Mathematics, and Technology Education Center; N.C. State University and UNC-Greensboro. Partnering organizations were the Kenan Fellows Program for Teacher Leadership, the National Institute of Environmental Health Sciences, the N.C. Department of Public Instruction and The Science House.

Since launching in 2012, *Bridging the Gap* has reached more than 3,790 people from 96 N.C. counties and 26 states.

Educational Outreach



WORKSHOPS, CONFERENCES & K-12 OUTREACH

Another 103 K-12 teachers from 38 North Carolina counties and four states participated in NCABR's *Rx for Science Literacy* professional development workshops this year. Since 1994, more than 5,420 K-12 teachers from 97 N.C. counties have participated in these one-day programs. Sponsors were Duke and NIEHS with topics including chemicals in the environment, cancer, metabolic disease prevention, and the role of animals in research.

In July, NCABR facilitated the Science, Teachers and Research Summer (STaRS) Experience, a week-long virtual program for 29 teachers with NIEHS.

NCABR members provided five hours of recorded bioscience career content to 150 N.C. high school teachers for the N.C. Department of Public Instruction's annual Career and Technical Education conference in July. The recorded content was shared this fall with 13,000 N.C. high school students.

UNDERGRADUATE EDUCATION AND OUTREACH

The Society of Toxicology partnered with NCABR to continue the N.C. Higher Education Faculty and Mentor Network for a third year. The initiative seeks to increase awareness among undergraduate students of the value of toxicology and about careers in the field. In 2022-23, NCABR expanded the Network to include 48 faculty and mentors from academia, industry and government, representing 25 North Carolina organizations.

NCABR provided virtual and in-person programming, including a meeting at Syngenta to foster faculty collaborations in January and a meeting at NIEHS slated for May.