

WORKSHOPS ACCESSIBLE DIALOGUE EDUCATION  
STUDENTS CONNECTING FACILITATION  
COMMUNICATION RESPONSIVE PARTNERSHIPS  
TEACHERS CONFERENCES COMMUNITY NETWORKING  
WORKSHOPS ACCESSIBLE DIALOGUE  
EDUCATION STUDENTS CONNECTING FACILITATION  
COMMUNICATION RESPONSIVE PARTNER-  
TEACHERS CONFERENCES COMMUNITY  
NETWORKING WORKSHOPS ACCESSIBLE DIA-

# **NWABR**

Northwest Association for Biomedical Research

## 2013 ANNUAL REPORT

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FERENCES COMMUNITY NETWORKING WORKSHOPS

**Twenty-five years ago,** the Presidents and CEOs of Pacific Northwest's most respected research facilities recognized that public trust in the integrity of research was essential to the future of medical discovery in our region. NWABR was born out of that commitment and stands today as the Northwest's leading voice for promoting the public's trust in biomedical research and its ethical conduct.



## INTRODUCTION

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This last year has been a watershed period in the 25 year history of the Northwest Association for Biomedical Research (NWABR). NWABR is a member organization established to promote the public's trust in biomedical research and its ethical conduct. Over several years NWABR's programs have expanded to include High School and Middle School students as well as the professional development of high school teachers, the development of shared repositories of knowledge with other Biomedical Research Associations, and holding Community Conversations which discuss ethics and clinical research.

The core work of NWABR also includes convening educational conferences for our members that focus on ethical research with and care for laboratory animals and humans subjects.

In the past, NWABR relied heavily on federal grants to fund several of its programs. The funding for these programs came to a conclusion during this financial year which meant that NWABR had to manage a difficult transition as its budget was essentially cut by two-thirds. The Board, Management and Staff worked diligently to manage these changes. We can report that while the change was difficult NWABR has now established a leaner, more sustainable operation that can continue to serve the needs of its members, while promoting the public's trust in this most important field.

## 2013 HIGHLIGHTS

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### MIDDLE SCHOOL ESSAY CONTEST

The Middle School Essay Contest 'Biomedical Breakthroughs and My Life' encourages middle school students to find and appreciate the connection between biomedical breakthroughs and their lives. Students submit a 450-600 word essay, which includes an interview and evidence that the use of animals in research and/or clinical trials has contributed to the breakthrough students have chosen. In 2013, 19 middle school teachers offered this activity to their 7th and 8th grade students as part of their classroom curriculum. In 2013, 454 essays were submitted, 101 scientists volunteered as judges which included reviewing and scoring essays and selecting prize winners. All entries were from Washington State and winners represented the Evergreen, Meridian Middle, Washington Middle and Totem Middle Schools. The Awards Day ceremony was held on May 8, 2013 at the Puget Sound Blood Center Research Institute.

### STUDENT BIO EXPO

The 13th NWABR Student Bio Expo was held on May, 22 2013 at the HUB Building at the University of Washington. In total there were 394 students, 30 teachers, 140 mentors and 84 judges who participated in the Student Bio Expo. NWABR staff estimated that the Bio Expo generated a total of 17,050 hours of science activity for students and 3,950 hours contributed by volunteers.

The Bio Expo has become one of NWABR's signature programs and serves its mission by engaging high school students in a project relating to a biological topic; builds relationships between students and NWABR's members through a formal mentorship program and also encourages the students to pursue STEAM (Science, Technology, Engineering, Arts and Math) careers through the connection with professional mentors and judges, who often become role models.



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## CONFERENCES

In 2013, NWABR hosted two Institutional Animal Care and Use Committee (IACUC) conferences and a more general Institutional Research (3 I's) conference that brought together 268 participants from 103 organizations throughout the Northwest Region. IACUC topics included IACUC basics, disaster preparedness, protocol reviews, USDA updates, and networking with colleagues and peers. 3I's included presentations from FBI representatives who discussed the dual aspects of biological research and cyber security, communication between committees, and a Q&A session with representatives from national regulatory agencies. Conferences are at the core of NWABR member services, which provide educational opportunities for researchers and research support personnel.

## NWABR CURRICULUM

Over the past decade NWABR has developed an impressive library of resources that teachers can utilize to more effectively teach science, ethics and biomedicine. Through a partnership with the American Physiological Society (APS) NWABR promotes these educational resources to a national audience and leverages the significant investment that NWABR has made in the development of educational curricula and other resources. During 2013, 6,775 people downloaded materials from the archive linked through APS's archives.

## COMMUNITY CONVERSATIONS

NWABR, in partnership the Institute of Translational Health Sciences (ITHS), offers a Community Conversations Series, which served over 70 people at three separate public Conversations. The aim of Community Conversations is to engage scientist and the public in dialogue about biomedical research by addressing complex ethical questions. Through these Conversations participants improve their understanding of biomedical research topics and share their knowledge with peers. Scientists and biomedical professionals use the knowledge to inform their work. The Conversations are hosted at a local café, and participants are provided light refreshments. A facilitator briefly synthesizes a topic, participants are given questions to discuss in small groups, and facilitators support the Conversations. Following the small group discussions, participants report back to the community members present and open their discussion to the larger group. Attendees are invited to more deeply engage by participating in research and research oversight committees. Guests are then left with take-always from the Conversation, and NWABR provides additional resources for participants to learn about ways to get involved and remain informed.

## SPEAKER'S BUREAU

Now in its 24th year the Speakers Bureau serves 2,000-8,000 people annually and an estimated 132,395 people since the program's inception. The Bureau is a premier group of volunteer biomedical professionals who bring their work into classrooms and community venues to talk about: 1) their research or work that supports research; 2) the process of science, and 3) scientific careers. Volunteers represent a diverse range of regional companies, academic institutions, and other non-profit organizations. The volunteers dynamically represent their passion for research and the wealth of career opportunities in the Northwest. NWABR coordinates community requests and identifies the best speaker for the audience, connects the speaker and requestor, follows up with both parties, and evaluates their experiences.

"The students had a lot of really good questions and were very interested in the presentations. I myself learned a lot as well!!! I am grateful for your efforts to set it up for us. It is such a great service that NWABR provides and I appreciate your efforts to positively impact education!" *Speaker-2013*

## NOTABLE HIGHLIGHTS

### » CONVENED TWO MAJOR REGIONAL CONFERENCES

for research communities to ensure that administrators and researchers are prepared to address the most current regulatory and bioethics issues.

» FACILITATED NETWORKING AND COMMUNITY BUILDING among immunology researchers by organizing the first northwest summit on immunological models in non-human Primates, an invitation-only conference on new technologies and translational insights with non-human primate models.

» COORDINATED A SPECIAL PERFORMANCE FOR A SCIENCE ON STAGE EVENT. In collaboration with the Seattle Public Theater and director Paul Mullin, NWABR hosted "The Sequence", with topics ranging from the competition to sequence the human genome to personal DNA sequencing.

» ENGAGED 156 SCIENTISTS AND STAFF FROM MEMBER INSTITUTIONS and provided site visits for teachers and students participating in NWABR's NIH-funded CURE summer programs.

» RECRUITED SCIENTISTS FROM 22 INSTITUTIONS at the 6th annual Life Sciences Research Weekend to present interactive programs for children and adults—making science accessible and scientists inspiring!

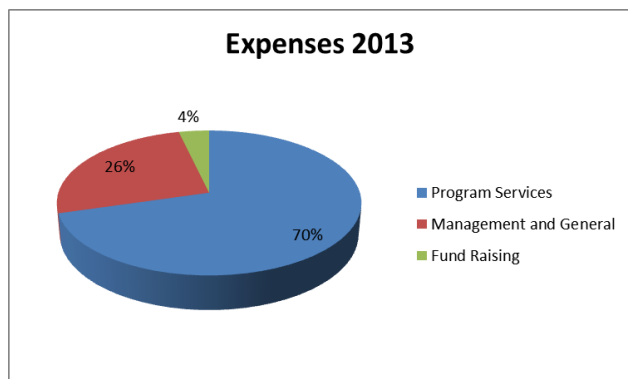
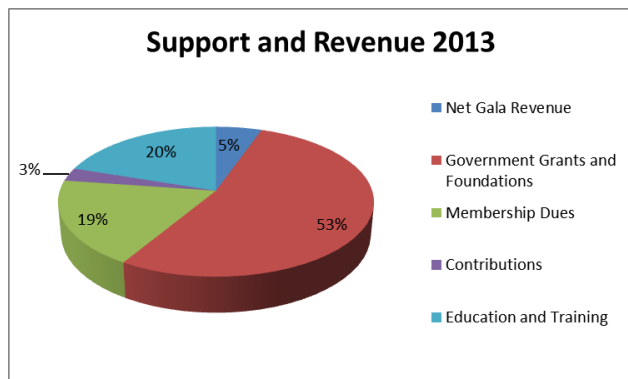
» INTRODUCED MORE THAN 350 MIDDLE SCHOOL STUDENTS to the process of drug and medical device development through NWABR's annual "Biomedical Breakthroughs and My life" essay contest, where every student received personal feedback from a researcher.

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# FINANCIALS

Northwest Association for Biomedical Research		
Statements of Financial Position		
September 30, 2013 and 2012		
Assets	2013	2012
Current Assets	204,757	298,891
Property and Equipment	4,238	7,839
<b>Total Assets</b>	<b>208,995</b>	<b>306,730</b>
Liabilities and Net Assets	2013	2012
Current Liabilities	28,515	72,338
Net Assets	180,480	234,392
<b>Total Liabilities and Net Assets</b>	<b>208,995</b>	<b>306,730</b>



## 2013 EXECUTIVE COMMITTEE

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**CHERYL WEAVER, BA, CCRC, CCRA**, Vice President; Administrative Director,

Clinical Research Program, Benaroya Research Institute at Virginia Mason

**JUDY FENYK-MELODY, DVM, DACLAM**, Immediate Past President; Director, Preclinical, Amgen

**CAMI GEARHART, JD**, Vice President; CEO, Quorum Review, Inc.

**TODD MYERS**, Vice President; Principal, Todd Myers Communication

**BOB ENNES**, Treasurer; Chair, Finance Committee; Director, Health Sciences Academic Services & Facilities, University of Washington

**JENNIFER HANSBERRY, RN, BSN**, Secretary; Administrative Director, Swedish Research Center

## 2013 BOARD OF DIRECTORS

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**WILLIAM DALE, PHD**; Research Integrity Officer, Oregon Health and Science University

**WILLIAM S. DERNELL, DVM, MS, DIPLOMATE ACVS**; Professor and Chair, Department of Veterinary Clinical Sciences, Washington State University

**KELLY EDWARD, PHD**; Associate Professor, Bioethics & Humanities, Director, Community Engagement and Ethics Core, Center for Ecogenetics and Environmental Health, University of Washington

**ANSON FATLAND, PHD**; Associate Vice President, Economic Development and External Affairs, Washington State University

**LINDA GAINER**, Vice President, External Relations and Communications, Fred Hutchinson Cancer Research Center

**ROYCE MORRISON, MD, CPI**;

**DANA RILEY BLACK, MD, PHD**; Center for Inquiry Science Director, Institute for Systems Biology

**STEPHEN ROSENFELD, MD, MBA**; IRB Board Chair, Quorum Review, Inc.

**LEE SCHOENTRUP**, Director of Communications, Infectious Disease Research Institute (IDRI)

**CHARLOTTE SHUPERT, PHD, CIP**; Domain Analyst, Compliance, Evisions, Inc.

**JOHN SLATTERY, PHD**; Vice Dean, Office of Research and Graduate Education School of Medicine, University of Washington

**BENJAMIN WILFOND, MD**; Director, Treuman Katz Center for Pediatric Bioethics, Seattle Children's Research Institute, Professor, Division of Bioethics and Department of Pediatrics, University of Washington

## CURRENT NWABR STAFF

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**KEN GORDON**, Executive Director

**TROY CHAPMAN, MPA**, Membership, Communication, and Development Manager

**JANIS WIGNALL**, Bio Expo and Tech Manager

**JENIFFER WROBLEWSKI, MPH**, Public Engagement Manager

**VIRGINIA CARHART**, Accountant

**JANINE KENNEDY**, Conferences

**DELIA PINTO-SANTINI, PHD**, Student Essay Contest

## ORGANIZATIONAL MEMBERS

### Health-Related Corporations

Amgen  
Bristol-Myers Squibb  
Emergent Product Development  
Novo Nordisk  
Pacific Northwest National Laboratory  
SNBL USA, Ltd.

### Educational & Research Institutions

Portland State University  
Oregon Health & Science University  
Oregon State University  
University of Oregon  
University of Washington  
Washington State University  
Western Washington University

### Non-Profit Research institutions

Allen Institute for Brain Science  
Fred Hutchinson Cancer Research Center  
Infectious Disease Research Institute  
Institute for Systems Biology  
Pacific Northwest Diabetes Research Institute  
PATH  
PHASE RX  
Puget Sound Blood Center  
Seattle Children's Research Institute  
The Hope Heart Institute

### Research Hospitals

Legacy Health System  
Benaroya Research Institute at Virginia Mason  
Southwest Washington Medical Center  
Swedish Medical center  
Veterans Affairs Puget Sound Health Care System

## ASSOCIATE MEMBERS

### Professional Societies & Associations

American Physiological Society  
Washington Biotechnology & Biomedical Association  
Washington Global Health Alliance  
Washington State Dental Association  
Washington State Medical Association  
Washington State Veterinary Medical Association

### Service Providers

Alexandria Real Estate Equities, Inc.  
Allentown, Inc.  
Lucent Medical systems  
NBBJ  
Purina Mills Lab Diet/Land O' Lakes Purina Feed  
Quorum Review  
The Windward Company  
University Mechanical Contractors, Inc.  
Western Institutional Review Board

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# DISCONTINUED PROGRAMS

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Due to the budget constraints noted earlier in this report it was necessary to discontinue a number of programs. The investment of community resources into these programs has not been lost. We are committed to finding partners who can continue this work. The various programs have also been carefully archived so that in the future and when the funding environment improves these programs can be brought back to life.

- Informal science education workshops.
- Consumer Awareness Program: Curriculum and Kit Loan Program
- Youth Ethics Summit
- Student Research Fellows
- Collaborations to Understand Research and Ethics
- Professional Development – Fee for Service
- Online program to introduce NWABR's curriculum materials
- Ethics in Science professional development program
- Three I's conference
- Life Sciences Research Weekend

## Conclusion

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The Board and staff of NWABR wants to thank all NWABR members, the former NWABR staff, current and former volunteers and the Biomedical Research community for all of their support over this trying year. NWABR is once again a strong organization; however, this could not have been achieved without the significant contributions from all of these amazing individuals and organizations. We sincerely thank you. Thank you for your support, thank you for your patience and, most importantly, thank you for your commitment to Biomedical Research.