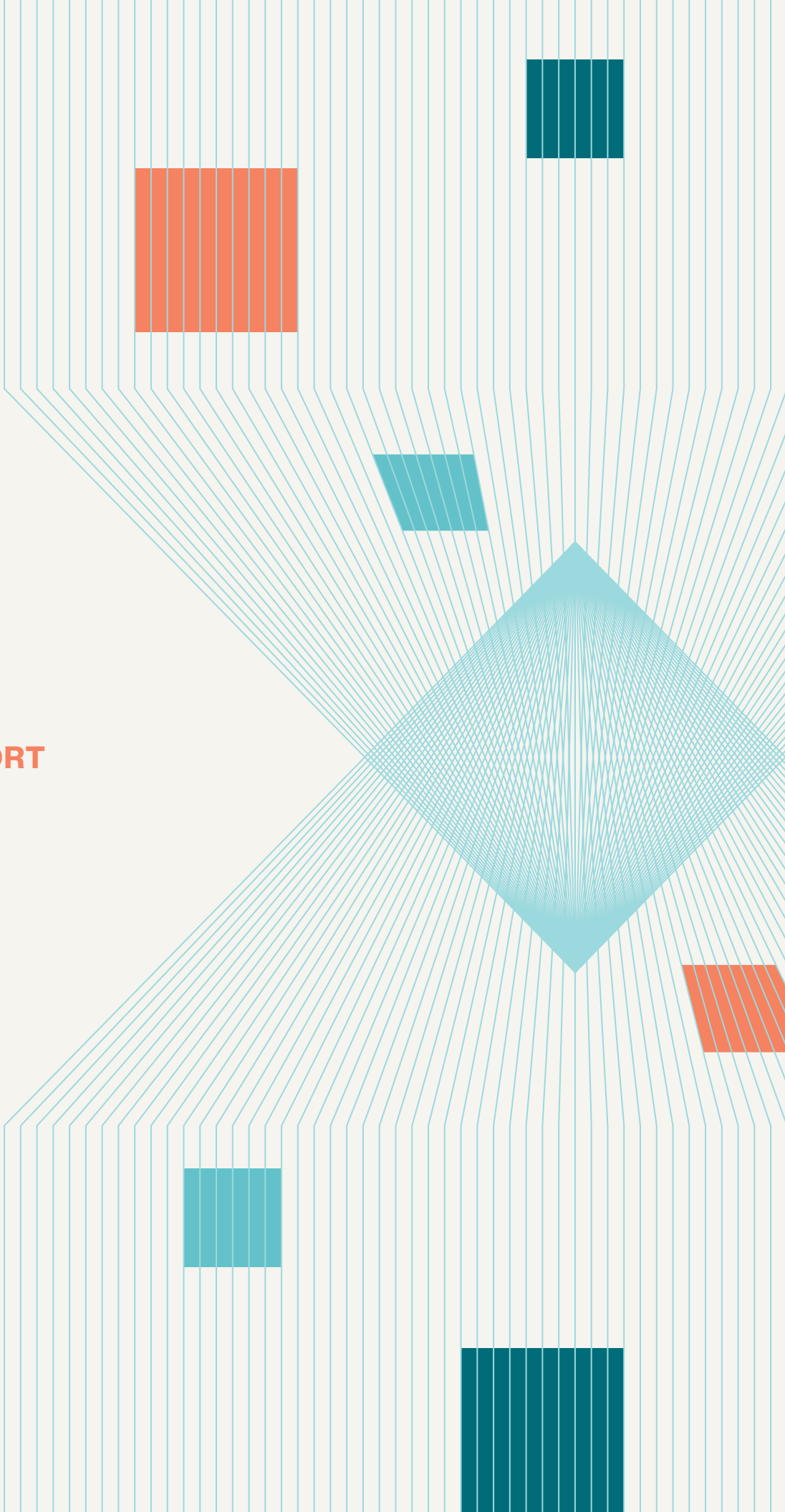


2024 ANNUAL REPORT





“As we look ahead to 2025, we remain steadfast in our commitment to supporting the people and programs that drive discovery and innovation. Together, we can continue to address the challenges of today while shaping a more equitable and sustainable tomorrow.”

PRESIDENT'S MESSAGE



Dear Friends and Colleagues,

As I reflect on the past year, I am filled with gratitude for the shared commitment of our community to advancing science, fostering innovation, and addressing some of the most pressing challenges of our time. At the Burroughs Wellcome Fund, 2024 has been a year of growth, collaboration, and impact, guided by our mission to serve as a catalyst for discovery and societal progress.

This year, we continued to expand our programmatic focus to address the critical intersection of climate change and human health. The launch of our Climate + Health Excellence (CHEX) Centers awards marks a significant step in supporting interdisciplinary research that explores the profound ways in which a changing climate affects human well-being. By fostering collaborations across diverse fields, we aim to illuminate the pathways through which science can mitigate these impacts and promote resilience in communities worldwide.

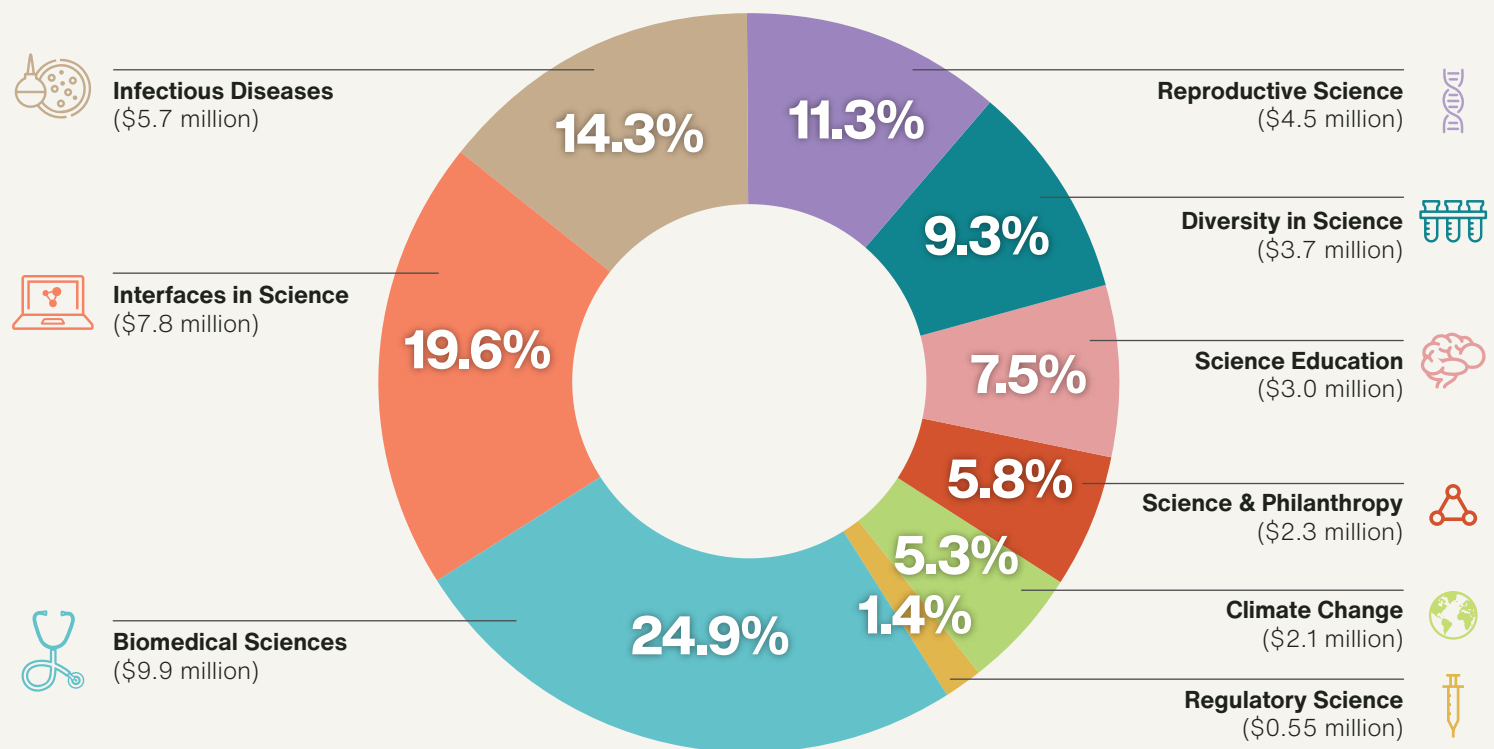
In 2024, we also increased our commitment to science communication. Bridging the gap between complex scientific ideas and public understanding is essential in

fostering trust and informed decision-making. Through fellowship, programs and partnerships, we have supported initiatives that empower scientists to share their work effectively and elevate public discourse around science and its role in society. Notable is our work to support the growing civic science movement that helps create connections between scientists and communities to address societal challenges. This work bridges the gap between science and society, emphasizing collaboration, inclusivity, and the societal impact of research.

The intersection of science and the arts has remained a source of inspiration and innovation. This year, we have seen remarkable projects that harness the power of storytelling, visual media, and performance to bring scientific concepts to life in ways that resonate deeply with diverse audiences. These collaborations remind us that creativity and imagination are vital components of scientific inquiry and public engagement.

The National Geographic WonderLab is an excellent example. It is an immersive, interactive experience that brings the wonders of science, nature, and exploration to life. Combining cutting-edge technology with National Geographic's iconic storytelling, the WonderLab sparks curiosity, inspires discovery, and fosters a deeper connection to the natural world.

BWF awarded **\$39.8 MILLION** in grants during fiscal year 2024



Biomedical Sciences

Career Awards in the Medical Sciences
Resident Faculty Scholar



Climate Change and Human Health

Climate and Health Interdisciplinary Awards
Climate Change and Human Health Seed Grants



Diversity in Science

Graduate Diversity Enrichment Program
Postdoctoral Diversity Enrichment Program



Infectious Diseases

Investigators in Pathogenesis of Infectious Disease



Interfacial Science

Career Award at the Scientific Interface



Regulatory Science

Innovation in Regulatory Science Awards



Reproductive Science

Next Gen Pregnancy Initiative



Science and Philanthropy

Science Communication
Science and the Arts
General Philanthropy



Science and Education

Career Award for STEM Teachers
Promoting Innovation in Science and Mathematics
Student STEM Enrichment Program

For audited financial statements and complete grant listings, visit www.bwffund.org/about/annual-report

We continue to be inspired by the incredible work of our grantees, partners, and the broader scientific community. Your dedication fuels our efforts to champion bold ideas, foster collaboration, and build a brighter future for all.

As we look ahead to 2025, we remain steadfast in our commitment to supporting the people and programs that drive discovery and innovation. Together, we can continue to address the challenges of today while shaping a more equitable and sustainable tomorrow.

Thank you for your unwavering support and partnership. It is an honor to work alongside each of you in advancing our shared vision.

With gratitude,

Louis J. Muglia, MD, PhD
President and CEO
Burroughs Wellcome Fund



Competitive Grant Programs for 2025

BIOMEDICAL SCIENCES

Career Awards for Medical Scientists

(CAMS): Five-year awards for physician-scientists provide \$700,000 to bridge advanced postdoctoral/fellowship training and the early years of faculty service. This award addresses the ongoing challenge of increasing the number of physician-scientists and aims to facilitate the transition to a career in research.

CAREER GUIDANCE

Career Guidance for Trainees: Program will host a workshop for early-career administrators focused on the professional development of PhD scientists. The workshop will help participants strengthen their research evaluation skills and design new career-focused interventions for use at their home institutions. Over the following year, participants will build evaluation networks, implement their projects with support from a \$15,000 grant, submit results to a national meeting, and prepare a manuscript for publication.

CLIMATE CHANGE AND HUMAN HEALTH

Climate Change and Human Health Seed Grant:

Provides up to \$50,000 to stimulate the growth of new connections between scholars working in largely disconnected fields who might together change the course of climate change's impact on human health.

Climate + Health Excellence (CHEX)

Centers: Offers institutional grants of up to \$10 million to advance research, education, and public communication on the health impacts of climate change. Targeted at institutions or consortia already progressing toward becoming centers of excellence in this field, the program aims to strengthen collaborations across disciplines and between researchers and affected communities.

DIVERSITY IN SCIENCE

Postdoctoral Diversity Enrichment Program (PDEP):

Three-year awards provide \$60,000 to support the development of postdoctoral fellows in biomedical research.

INFECTIOUS DISEASES

Investigators in the Pathogenesis of Infectious Disease (PATH):

Five-year awards provide \$505,000 to support accomplished investigators at the assistant professor level in the study of infectious disease pathogenesis, with a focus on the intersection of human and microbial biology. The program aims to improve our understanding of how human hosts handle infectious challenges.

INTERFACES IN SCIENCE

Career Awards at the Scientific Interface

(CASI): Five-year awards provide \$560,000 to bridge advanced postdoctoral training and the early years of faculty service. These awards are intended to foster the early career development of researchers with backgrounds in the physical/mathematical/computational/engineering sciences whose work addresses biological questions.

REGULATORY SCIENCE

Innovation in Regulatory Science Awards

(IRSA): Five-year awards provide \$500,000 to academic investigators developing new methodologies or innovative approaches in regulatory science that will ultimately inform regulatory decisions.

REPRODUCTIVE SCIENCE

Next Gen Pregnancy Initiative (NGPI):

Strategic planning is underway for the 2025–2026 cycle of this program.

SCIENCE EDUCATION

Promoting Innovation in Science and Mathematics (PRISM):

Awards up to \$4,500 to provide teachers with funding for materials, equipment, and training to conduct hands-on, inquiry-based science and mathematics projects in the North Carolina public schools.

Student STEM Enrichment Program (SSEP):

Three-year awards provide up to \$180,000 to North Carolina nonprofit organizations, including public/private schools, universities, colleges, and museums. This program supports creative inquiry-based STEM enrichment activities that occur outside the typical school day for K-12 students.

The Burroughs Wellcome Fund serves and strengthens society by nurturing a diverse group of leaders in biomedical sciences to improve human health through education and powering discovery in frontiers of greatest need.

Full Annual Report and Financial information located at www.bwfund.org/about/annual-report

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