

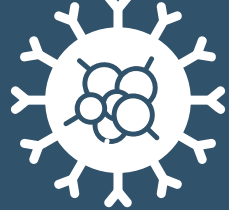
Dear Donors,

Join me in celebrating the successes at PNRI in Fiscal Year 2022! In this quick and inspiring annual report, you will read about how our talented scientists use innovative approaches to tackle some of the most difficult problems in science and medicine.

PNRI believes that scientific breakthroughs are found in unexpected places—often at the intersection of multiple scientific disciplines. Our relentless pursuit of discovery is fueled by our core ambition to create a healthier future for all humans. Thank you for your dedicated support and belief in our mission! Enjoy this report.

Sincerely,  
John Wecker, PhD, President & CEO

## Lab Highlights



### Cancer Evolution

Dr. Michael Metzger and a team of six global co-investigators were awarded a [five-year, \\$3 million National Science Foundation grant](#) to investigate the phenomenon of how contagious cancerous cells spread from one bivalve to another, much like a virus, causing mass mortality. In addition to protecting the ecological health of soft-shell clams and cockles on both U.S. coasts, this study will garner insight into how cancer evolves and how some organisms—including humans—can resist cancer.



### Urea Cycle Disorders

Dr. Aimée Dudley developed a novel technology that associates the risk of developing an inherited metabolic disease, such as [Urea Cycle Disorders](#), with a patient's specific pattern of genetic mutations. Using this information, a clinician can immediately know a patient's risk for developing disease and severity profile, and, if necessary, prescribe the right treatment to save a life. This level of precision in stratifying patient risk by mutation pattern is a game-changer for clinical practice.



### Decoding Stress

The [Decoding Stress Study](#) is a groundbreaking study led by two of PNRI's internationally renowned geneticists, Dr. Lisa Stubbs and Dr. David Galas. The goal of the study is to pinpoint the exact genes, gene networks, and patterns of genetic mutations in our brains that contribute to the risk of developing stress-related diseases. The results from this study will one day allow doctors to tailor specific treatments based on a patient's unique genetic makeup.

**"PNRI is a creative and non-traditional institute that is pursuing a daring style of science."**

-Dr. Rick McLaughlin, PNRI Assistant Investigator

## Looking Ahead

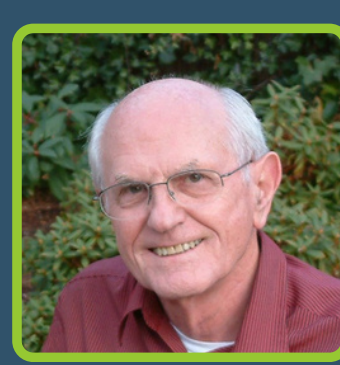
Currently, we have seven distinguished scientists leading laboratories at PNRI. Each of our scientists explore a different aspect of the interplay between genetics and the environment to understand our resilience or susceptibility to a wide variety of diseases. What unites them is a passion for exploring unexpected places to make discoveries that will ultimately improve human health. In 2023, PNRI is actively working to add one or more scientists to our faculty to expand and deepen our impact.

*Looking forward to 2023, I am excited to see what innovations the new scientists will bring to PNRI to help people live longer and healthier lives.*

-Thomas Hayward, Board President

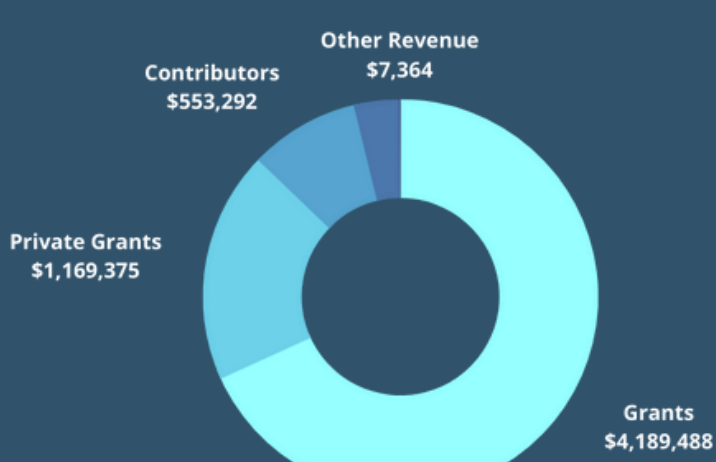
## In Memoriam

On Dec. 1, 2021, former PNRI Trustee and Board Chair, Bob Brine, passed away. Bob served as our Board Chair from 2004-2009 and remained deeply committed to the success of PNRI for many years afterwards. We are deeply appreciative of his years of devoted service and dedication to the mission of PNRI to improve human health through innovative biomedical research.

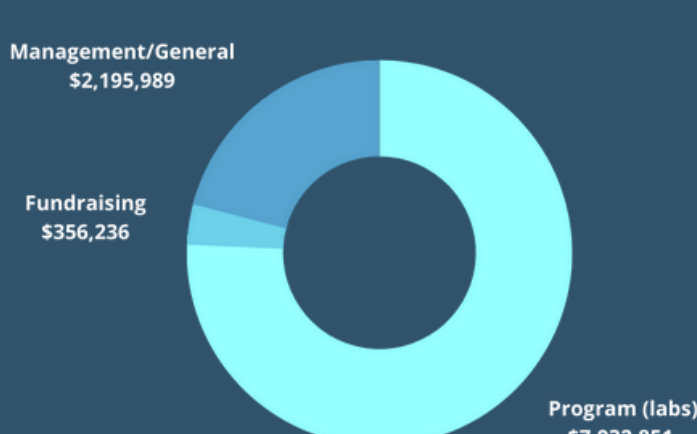


## Fiscal Year 2022 Audited Financials

### Revenue



### Expenses



### Balance Sheet

<b>Assets</b>	<b>\$21,360,540</b>
<b>Liabilities</b>	<b>\$674,993</b>
<b>Net Assets</b>	<b>\$20,685,547</b>

## Donors

Thank you to all of our generous donors who support our visionary research.

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If changes need to be made to your recognition, please contact [development@pnri.org](mailto:development@pnri.org)  
\*All gifts made from Oct. 1, 2021 to Sept. 30, 2022

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Improving human health for generations to come