UNRAVELLING THE COMPLEXITIES OF HUMAN HEALTH

Welcome to PNRI's 2016 Annual Report



Dear Friends,

For the past 60 years we have proudly worked towards fulfilling the vision of our founder, Dr. William Hutchinson, to **improve human health through medical research**.

Over the past six decades, PNRI's researchers have **pioneered scientific advances** that led to improvements in open heart surgery, early detection of prostate

cancer, and the identification of genetic predispositions to diabetes in newborns, to name just a few. In the past year alone, our scientists have applied their expertise in a variety of areas including **liver disease**, **personalized cancer treatments**, and **anti-fungal therapies**. During 2016, we also saw success in helping promising companies get off to a good start though our Urban Innovation Center, as Glyostasis' Smart Insulin technology was acquired by Eli Lilly & Co., and FenoLogica Biosciences, Inc. was founded based on discoveries in the Dudley lab.

As we look to the future, we will continue to **pursue new opportunities to apply our innovative approaches to address complex biological questions**. We look forward to our continued success in scientific discovery for the next 60 years and beyond. Best wishes,

John R. Wecker, Ph.D.
PRESIDENT & CEO
PACIFIC NORTHWEST RESEARCH INSTITUTE

TURNING **DISCOVERIES** INTO FUTURE **REVENUE** \$759,302 EXPANDING **FOUNDATIONAL** RESEARCH \$752,676 RECRUITING **NEW LABS** \$588,587 TOTAL **INVESTMENT** IN 2016 \$2,100,565

"NRI Invests in the Future

LIVER DISEASE

Postdoctoral fellowship for Dr. Jesse Riordan

PERSONALIZED CANCER TREATMENT

Collaborative partnership promises cancer insights

"FLUFFY" YEAST COLONIES

Anomaly opens new avenues of research

Patients suffering from liver disease acquired an outstanding ally this year when PNRI's Dr. Jesse Riordan received a prestigious Ruth L. Kirschstein National Research Service Award from the National Institutes of Health. The award enables Dr. Riordan to investigate the mechanisms of the most common form of liver disease. Non-Alcoholic Fatty Liver Disease. He will explore the effects of a high fat diet on mice and seek to understand why some appear to be completely protected from the disease—an unexpected result that is challenging our current understanding.

The proprietary method for Big Data analysis developed by PNRI's Dr. David Galas continues to draw international interest and collaborative opportunities. In 2016. Dr. Galas joined forces with the German research company Indivumed GmbH to scrutinize their enormous collection of biological data from cancer patients. The "extremely innovative analytical platform" will reveal connections between a patient's biology and the complexity of cancer, leading researchers closer to the **development** of effective personalized cancer treatments

Dr. Aimée Dudley is admired for taking unconventional approaches that often lead to unexpected discoveries. Her lab has been collecting wild yeasts for studies on metabolic diseases. Regular lab yeast grows in smooth, round colonies, while many wild yeasts form intricate, complex colonies that scientists describe as "fluffv." The "fluffy" appearance is associated with drug-resistant fungal infections and contaminated medical equipment. The Dudley team has discovered chemicals that disrupt "fluffy," pathogenic fungi. This research opened new avenues of inquiry into drug therapies for human fungal infections, treatments for white-nose syndrome in bats, and the development of safer medical devices.

FINANCIALS

BALANCE SHEET	2016	2015	OPERATING REVENUE 2016
Total Assets	\$ 23,059,720	\$ 22,209,328	Grants and contracts from federal and
Total Liabilities	\$ 1,399,973	\$ 1,614,346	governmental agencies
Net Assets	\$ 21.659.747	\$ 20,594,982	Private grants
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Fiscal Year from October 1 to September 30

Grants and contracts from federal and governmental agencies	\$ 4,516,829	44%
Private grants	\$ 2,192,906	22%
Contributions	\$ 2,038,856	20%
Investment Income	\$ 958,171	9%
Other revenue	\$ 486,130	5%
Total Revenue	\$ 10.192.892	100%



With gratitude to our donors who share our pride and enthusiasm in sustaining an outstanding research program.

Gifts made in fiscal year 2016 from October 1, 2015 to September 30, 2016.

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trusts, and estate plans Anonymous - 4

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The Scheetz Family: gift in memory of Elizabeth M. Scheetz

* Indicates former or current PNRI Trustee

** Indicates PNRI Staff





Please consider including PNRI in your estate plans.

For more information, contact: Norma Fuentes Chief Development Officer nfuentes@pnri.org (206) 568-1459

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