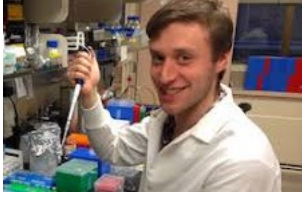


Publications of the Week

Decoding Post-Transcriptional Regulatory Networks by RNA-Linked CRISPR Screening in Human Cells

First Author: Patrick Nugent (*pictured*) | Senior Author: Arvind Rasi Subramaniam
Nature Methods | Fred Hutch and UW



RNAs undergo a complex choreography of metabolic processes that are regulated by thousands of RNA-associated proteins. Here researchers introduce ReLiC, a scalable and high-throughput RNA-linked CRISPR approach to measure the responses of diverse RNA metabolic processes to knockout of 2,092 human genes encoding all known RNA-associated proteins. [Abstract](#) | [Press Release](#)

[View All Publications](#)

Awards

Dr. Julie Gralow Receives Lifetime Achievement Award

UW Medicine



Dr. Julie Gralow (*pictured*), UW Professor Emeritus, has received the Lifetime Achievement Award from the National Cancer Grid for her tireless efforts to bring equity in cancer care globally, and her longstanding contributions to cancer care, research, and global oncology. Dr. Gralow is the Chief Medical Officer and Executive Vice President of the American Society of Clinical Oncology. [Read More](#)

Multiple Honors Bolster ChemE Student's ALS Research

UW Chemical Engineering (ChemE)



Sofia Dahlgren (*pictured*), a ChemE undergraduate student and member of the Nance lab, has received multiple awards supporting her ongoing innovative research in developing therapeutics to manage and treat amyotrophic lateral sclerosis, a devastating and fatal neurodegenerative disease. Dahlgren has been named as a 2025 Goldwater Scholar and a 2025 Astronaut Scholarship Foundation Scholar. [Read More](#)

Washington Research Foundation Awards \$275K Grant to Dr. Nino Ramirez of Seattle Children's to Develop Schizophrenia Treatment Targeting Synaptic Pruning Pathway

Washington Research Foundation (WRF)



WRF has awarded a \$275,000 technology commercialization grant to Dr. Nino Ramirez (*pictured*) of Seattle Children's to enable the development of a treatment that could halt the progression of schizophrenia. Dr. Ramirez and his colleagues used a grant of \$100,000 from WRF in 2023 to develop a molecule that they will use to degrade the protein C4, which is naturally produced in the body and appears to be linked to schizophrenia when present in excessive levels. [Read More](#)

Dr. Chris Blosser Elected to the Board of the American Society of Transplantation

UW Medicine



Dr. Christopher Blosser (*pictured*), Professor of Nephrology, has been elected to serve as a counselor-at-large on the board of the American Society of Transplantation (AST). Within the AST, he is also an Associate Editor, a member of the Public Policy Committee, Director of the Editorial Fellowship. The AST is the largest transplant organization in North America and is recognized as the premier society for transplant professionals. [Read More](#)

Dave Young Named Dean's Medalist in the Natural Sciences

UW Department of Biology



Biology undergraduate student Dave Young (*pictured*) was named the Dean's Medalist in Natural Sciences for 2025. The Dean's Medal is awarded by the College of Arts & Sciences each spring to four graduating seniors — one from each of the College's four divisions — based on academic performance and faculty recommendations. [Read More](#)

[View All Awards](#)

Local News

RECOVER 2.0: New Insights and Next Steps in Long COVID Research

Institute for Systems Biology



The Institute for Systems Biology (ISB) recently hosted its second 2025 virtual Town Hall to share Long COVID updates from the ongoing NIH-funded RECOVER study. Dr. Jason Goldman of Swedish Providence, standing in for ISB President Dr. Jim Heath, led the discussion and outlined the next phase of the study, known as RECOVER 2.0. [Read More](#)

Frazier Life Sciences Raises \$1.3 Billion for Latest Fund

GeekWire



Frazier Life Sciences announced Thursday that it raised \$1.3 billion for its 12th fund — its largest to date — to back more biopharmaceutical startups. Frazier Life Sciences, which focuses on investing and creating early stage biotech and therapeutics companies, raised \$987 million for its previous venture fund. It also has a separate fund for small- and mid-cap public biotech companies. [Read More](#)

‘The Discovery of the Decade’: Researchers Have Found the Culprit Behind Sea Star Wasting Disease

UW News



Starting in 2013, sunflower sea stars and other sea star species along the west coast of North America died in epidemic proportions. Until now, no one knew what caused sea star wasting disease. An international research effort including Dr. Drew Harvell (*pictured*) from UW has finally revealed the cause: a strain of the bacterium *Vibrio pectenicida*. [Read More](#)

Disarming a Hidden Killer: Predicting — and Preventing — *C. diff* Before It Strikes

Institute for Systems Biology (ISB)



Clostridioides difficile (*C. diff*) infects more than 500,000 people in the U.S. each year. In a new study published in *Cell Systems*, Drs. Alex Carr (*pictured*) and Sean Gibbons from ISB have developed a powerful, personalized modeling framework to predict whether *C. diff* is likely to colonize an individual's gut, and to test whether specific probiotic therapies might prevent and/or reverse that colonization. [Read More](#)

Learning How to Learn with Brains, Data, and Optimization

Allen Institute



As a Shanahan Fellow at the Allen Institute, Dr. Matthew Storm Bull (*pictured*) took a deep dive into work that pushes the boundaries of neuroscience, combining machine learning, systems theory, and biological data. Dr. Bull studies how the brain learns many timescale temporal sequences, or how events occur over time, particularly when that order is significant to understanding relationships and patterns. [Read More](#)

Going In for a Close Look at Lung Infections

UW Medicine



Cystic fibrosis causes the buildup of sticky mucus that traps bacteria. Over time, infections damage the lungs. Most people with this genetic condition remain infected with the bacteria they had before treatment. A new study by Dr. Samantha Durfey (*pictured*) meticulously sampled different lung regions in people with cystic fibrosis to understand why infections persist after new treatments. [Read More](#)

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Interesting Articles

Call for Applications: 2026–2027 Pilot Awards

Institute of Translational Health Sciences (ITHS)



Applications are now open for the next round of ITHS Pilot Awards. The awards are designed to support innovative, high-impact translational research projects that have the potential to advance medical knowledge and improve human health. By offering seed funding, the program encourages investigators to explore new ideas, establish proof of concept, and generate preliminary data for larger, future grant applications. [Read More](#)

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Upcoming Events in Seattle

August 24 -
September 7
8:00 AM

Summer Workshop on the Dynamic Brain 2025
Friday Harbor

August 27
8:00 AM

MapMySections – Data Challenge
Online

August 27
4:00 PM

WRF x Nucleate Seattle Summer Social
SLU BRU

September 5
6:00 PM

ORCA 2025 Banquet
UW Center for Urban Horticulture

September 16
10:30 AM

2025 Long-Read Sequencing Symposium
UW

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Science Jobs in Seattle

Chief Operating Officer
Institute for Systems Biology

Clinical Research Coordinator III
Fred Hutch

Scientist I, Barcoded Connectomics
Allen Institute

Postdoctoral Research Associate, Bettelli Lab
Benaroya Research Institute

Associate Scientist, Cell Therapy Process Development
Bristol Myers Squibb

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