



TO: Faculty and staff

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SUBJECT: Federal Funding Highlights for Fiscal Year 2022

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Late last week Congress approved, and yesterday President Biden signed, the federal government's funding package for FY 2022. The 2700-page bill funds all the activities of the federal government, including the programs and priorities WSU advocates for in support of students, research, and scholarship across the system.

The bill includes an almost seven percent increase in non-defense funding, the largest increase over the last four years. This is a \$46 billion increase over last year's funding and will directly impact our students and research, providing federal funding opportunities for projects and priorities across the WSU System.

Soon, the Biden Administration will release its budget request for FY 2023 which starts the process for the next federal budget cycle as the 2022 fiscal year closes out September 30. Our office is in the process of gathering information across our campuses, colleges, and programs that will inform our priorities for federal advocacy in FY 2023.

Important highlights of the FY 2022 funding package and their impact on WSU are below.

STUDENT PROGRAMS, DEPARTMENT OF EDUCATION

Pell Grant An increase in the maximum Pell Grant by \$400 (*to \$6,895*), the largest increase in the maximum award in more than a decade.



TRIO	\$1.14 billion for Federal TRIO Programs, an increase of \$40 million above the FY 2021 enacted level.
GEAR UP	\$378 million for GEAR UP, an increase of \$10 million above the FY 2021 enacted level.
CCAMPIS	\$65 million for the Child Care Access Means Parents in School Program, an increase of \$10 million above the FY 2021 enacted level.

RESEARCH

USDA:

The bill invests heavily in agricultural research programs, providing \$3.5 billion (\$217 million above the FY 2021 enacted level), including funding for the Agricultural Research Service (ARS) and the National Institute of Food and Agriculture (NIFA) – core federal partners to WSU and the state agriculture economy. The legislation also includes \$1.113 billion (\$46 million above the FY 2021 enacted level) for the Animal and Plant Health Inspection Service.

Within the USDA funding bill, funding for WSU research and students includes:

- \$2 million to support a new joint ARS Herbicide Resistance Initiative with University of Idaho and Oregon State, supported by the Washington Grains Commission and Washington Wheat Growers.
- \$4.5 million (an increase of \$1 million) to support smoke exposure research at WSU on wine grapes, supported by the Washington Wine Institute.
- \$2 million to support research on Little Cherry Disease at WSU, supported by the NW Horticulture Association.
- A \$500,000 increase in funding for both the Veterinary Services Grant Program (\$3.5 million total) and the Veterinary Medicine Loan Repayment Program (\$9.5 million) supporting student education to meet rural Washington's veterinary needs.

Health Sciences:



The bill provides a total of \$108.3 billion for Health and Human Services, an increase of \$11.3 billion above the FY 2021 enacted level. With the proposed increases, there are multiple areas of intersect with the current work of WSU (including a recognition of the connections between animal and human health) and opportunities for continued growth.

The health-related portions of the legislation:

- Strengthen biomedical research with increased funding for the National Institutes of Health
- Support expanded efforts for health professional workforce training and primary care service delivery particularly in rural and medically underserved areas
- Bolster public health infrastructure with more resources for the Centers for Disease Control and Prevention and for states and local governments to strengthen infrastructure and capacity; and
- Address critical health issues, including maternal health, mental health, and substance use, while seeking to make strides to reduce health disparities.

Specifically, the funding includes:

- \$1 billion to establish ARPA-H within the HHS Office of the Secretary with the goal of accelerating the pace of scientific breakthroughs.
- \$8.5 billion for the Centers for Disease Control and Prevention (CDC), an increase of \$582 million. This includes \$200 million in new funding for public health infrastructure and capacity; \$100 million (an increase of \$50 million) to modernize public health data surveillance and analytics at CDC and state/local health departments; \$715 million (an increase of \$20 million) for public health emergency preparedness cooperative agreements; \$491 million (an increase of \$15 million) for opioid overdose prevention and surveillance; and \$647 million (an increase of \$54 million) for global health.
 - Importantly, the Emerging & Zoonotic Infectious Disease Account supporting work done by WSU in the Pacific Northwest Antimicrobial



coalition was funded at \$182 million, an increase of \$10 million over FY 2021.

- A total of \$45 billion for the National Institutes of Health (NIH) an increase of \$2.25 billion. This includes an increase of no less than 3.4 percent for each existing NIH Institute and Center to support a wide range of biomedical and behavioral research, as well as targeted investments in several high-priority areas including an increase of \$50 million for health disparities research, \$25 million to implement Accelerating Access to Critical Therapies for ALS Act, and an increase of \$50 million for research related to opioids, stimulants, and pain/pain management,
- \$6.5 billion for the Substance Abuse and Mental Health Services Administration (SAMHSA), an increase of \$530 million, making investments across the behavioral health continuum to support prevention, screening, treatment, and other services. This includes \$38.8 million for Garrett Lee Smith Youth Suicide Prevention grants (increase of \$2.3 million) and \$218.2 million (increase of \$10 million) for substance abuse prevention.
- \$8.9 billion for Health Resources and Services Administration (HRSA), an increase of \$1.4 billion, with \$519 million (increase of \$29 million) dedicated to Title VII health professions and \$280 million (increase of \$16 million) for Title VIII nursing. Targeted appropriations include \$375 million (increase of \$25 million) for Children's Hospitals Graduate Medical Education; \$6 million for community-based nurse practitioner fellowship programs for post-graduate nurse practitioners in primary care or behavioral health; and \$55 million for grants to institutions of higher education to expand or support primary care graduate education for physicians.
- \$350 million (an increase of \$12 million) for the Agency for Healthcare Research and Quality (AHRQ).

Energy:

WSU works alongside the U.S. Department of Energy (DOE) in assisting the state, nation, and world in solving some of the greatest challenges in clean energy, grid security, nuclear security, smart manufacturing, and environmental sustainability. We partner with



research entities domestically and globally in industry and government, including DOE's national laboratories.

Within the bill, funding for WSU research and students includes:

- *Office of Science* was funded at \$7.45 billion, a \$475 million increase over FY 2021. This funding supports scientists, engineers, and students at WSU including work in CAHNRS, CAS, and VCEA.
- *Office of Energy Efficiency & Renewable Energy (EERE)* was funded at \$3.2 billion, an \$800 million increase over FY 2021. Since 2016, WSU has successfully competed for 186 EERE-funded projects totaling approximately \$38 million, spanning 24 academic units across the WSU system including in Tri-Cities, Pullman, Olympia, Spokane, Vancouver, and WSU Extension.
- *Office of Nuclear Energy* was funded at \$1.64 B. Much of this collaboration centers on WSU's Radiochemistry and Nuclear Science programs, carried out through a cooperative relationship among the Department of Chemistry, the WSU Nuclear Science Center (NSC), and PNNL, while utilizing the NSC and WSU's nuclear reactor.
- *Office of Electricity* was funded at \$277 million, an increase of \$66 million over FY 2021. In partnership with the DOE, WSU leads the nation's efforts to increase the reliability, resiliency, and efficiency of America's 100+ year-old "grid," or electric power infrastructure.

Transportation:

The funding lines within the Federal Aviation Administration supporting WSU's FAA Center of Excellence for Aviation Biofuels and the Environment were funded at historic levels. The program received an additional \$37 million dollars for research and the WSU-led ASCENT program was highlighted in the bill to directly receive over \$34 million for work on the impact of non-carbon dioxide emissions from aviation; noise emissions; and blending limits and supply chain issues for sustainable aviation fuels.

National Science Foundation:



NSF's overall budget will rise by 4.1 percent to \$8.84 billion, supporting WSU's research around in emerging fields such as Artificial Intelligence, voice recognition, quantum, data science, encryption, gene editing, and autonomous systems.

Rural Broadband Development:

More than \$550 million was appropriated for broadband deployment in rural areas, including an additional \$450 million for the ReConnect Program. Congress already provided \$2 billion in funding through the Infrastructure Investment and Jobs Act to support rural broadband. With its reach across the state in rural and underserved communities, WSU has seen firsthand what is working in these areas and what challenges remain in terms of securing affordable, accessible internet access and this funding will help connect the WSU community.

Please reach out to the Office of Federal Relations with questions.

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