

Current Grants at Western Washington University

Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

College of Humanities and Social Sciences

Anthropology Department

PI: Michael Etnier

5/15/2016	Collaborative Research: Archaeological and Paleoenvironmental Perspectives of Climate Change in the Aleutian Islands	National Science Foundation	\$134,311
7/1/2020	Supplement to grant 51152: Collaborative Research: An examination of human social and cultural adaptation through archaeological and paleoclimate data from the Aleutian Islands	National Science Foundation	\$26,390
Total for PI:			\$160,701

PI: Joshua Fisher

6/1/2016	A Political Ecology of Value: A Cohort-Based Ethnography of the Environment Turn in Nicaraguan Urban Social Policy	National Science Foundation	\$226,526
Total for PI:			\$226,526

Total for Anthropology Department: \$387,227

Global Humanities & Religions

PI: Holly Folk

6/18/2018	Could God Become a Woman? Female Messianism in New Christian Religions	Association for the Sociology of Religion	\$4,000
8/3/2018	Jack Shand Research Grant: NextGen Christians 2018	Society for the Scientific Study of Religion	\$4,970
Total for PI:			\$8,970

Total for Global Humanities & Religions: \$8,970

Journalism Department

PI: Brian Bowe

Co-PI: Joseph Gosen

Co-PI: Carolyn Nielsen

9/30/2018	Improving Journalism, Protecting Democracy: Tunisian - American Journalism Workshops	US Department of State	\$100,000
Total for PI:			\$100,000

Current Grants at Western Washington University

Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

College of Humanities and Social Sciences

Journalism Department

PI: Derek Moscato

7/1/2019	Constructing the Cowboy and Indian Alliance metanarrative: Rhetorical micro-mobilizations in strategic environmental communications	Pennsylvania State University	\$2,500
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Total for PI: \$2,500

Total for Journalism Department: \$102,500

Psychology Department

PI: Jeffrey Carroll

7/1/2018	Carroll Lab CHDI Foundation Joint Steering Committee	CHDI Foundation, Inc.	\$1,540,246
7/1/2018	Carroll Lab CHDI Foundation Joint Steering Committee	CHDI Foundation, Inc.	\$821,208
1/17/2019	Carroll Lab Allele Specific ASO Collaboration (Amendment 2)	Wave Life Sciences USA, Inc.	\$33,822
1/17/2019	Carroll Lab Allele Specific ASO Collaboration	Wave Life Sciences USA, Inc.	\$66,758
1/17/2019	Carroll Lab Allele Specific ASO Collaboration (Amendment 1)	Wave Life Sciences USA, Inc.	\$34,759

Total for PI: \$2,496,793

PI: Anna Ciao

6/1/2020	Dove Self-Esteem Project (Tools for LGBTQ+ Youth)	Unilever U.K. Central Resources Ltd	\$14,676
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Total for PI: \$14,676

PI: Jeffrey Grimm

4/1/2019	Sex Differences in Reinforcement: Role of Environmental Enrichment and the Orbitofrontal Cortex	National Institutes Of Health	\$410,150
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Total for PI: \$410,150

PI: Todd Haskell

Co-PI: Cristina Mozsgai

10/1/2018	Collaborative Research: Improving Representational Competence by Engaging with Physical Modeling in Foundational STEM Courses	National Science Foundation	\$68,049
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Total for PI: \$68,049

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Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

College of Humanities and Social Sciences

Psychology Department

PI: Joshua Kaplan

6/15/2019	Therapeutic and molecular effects of whole-plant cannabis preparations	PreLabs	\$29,000
Total for PI:			\$29,000

PI: Kate McLean

8/1/2015	RUI: Collaborative Research: Narrating Identity Through College - Processes, contexts, and Outcomes	National Science Foundation	\$240,577
7/1/2019	Is Narrative a Mechanism for the Development of Empathy and Humility when Overcoming Interpersonal Failures? Travel	University of Nottingham	\$9,999
Total for PI:			\$250,576

Total for Psychology Department: \$3,269,244

Sociology Department

PI: Seth Feinberg

Co-PI: Hilary Schwandt

4/1/2019	REU Site: Multidisciplinary Training in Quantative Methods	National Science Foundation	\$360,677
Total for PI:			\$360,677

Total for Sociology Department: \$360,677

Total for College of Humanities and Social Sciences: \$4,128,618

Current Grants at Western Washington University

Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

College of Science and Engineering

Adv Materials Sci & Engineering Ctr

PI: Timothy Kowalczyk

5/1/2017	RUI: Time-independent excited state methods for computational screening of photoactive materials	National Science Foundation	\$298,328
7/1/2019	CAREER: Theory-Guided Design of Porous Organic Frameworks for Energy Conversion and Storage	National Science Foundation	\$172,408
Total for PI:			\$470,736

PI: David Rider

Co-PI: John Gilbertson

Co-PI: Stephen McDowall

Co-PI: David Patrick

6/1/2017	Reduced Light Scattering Losses in Polymer-Semiconductor Nanocrystal Composites via Nanoscale Control of Interparticle Spacing Statistics	National Science Foundation	\$390,000
Total for PI:			\$390,000

Total for Adv Materials Sci & Engineering Ctr: \$860,736

Biology Department

PI: Alejandro Acevedo-Gutierrez

7/1/2019	Predation of invasive European green crabs (<i>Carcinus maenas</i>) by river otters (<i>Lontra canadensis</i>) on the lower Wa'atch and Tsoo-Yess rivers, Washington	North Pacific Coast Marine Resources Committee	\$20,250
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Co-PI: Bobbie Buzzell

6/29/2020	Predation of invasive European green crabs (<i>Carcinus maenas</i>) by river otters (<i>Lontra canadensis</i>) on the lower Wa'atch River and Tsoo-Yess rivers, Washington	Conservation, Research & Education Opportunitie	\$5,000
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Total for PI: \$25,250

PI: Marion Brodhagen

Co-PI: Mark Peyron

2/1/2017	Biodegradable mulch films in agriculture as a potential source of contaminated terrestrial microplastic	National Science Foundation	\$70,391
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Active Minds Changing Lives

December 2, 2020

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College of Science and Engineering

Biology Department

PI: Marion Brodhagen

Total for PI: \$70,391

PI: William Cooper

8/20/2020 Developmental determination of fish jaw protrusion mechanics National Science Foundation \$208,520

Total for PI: \$208,520

PI: Caroline Dahlberg

Co-PI: David Leaf

9/1/2016 Collaborative Reserach: Building reflective scientists: Linking course-based research experiences with metacognition to develop scientific fluency National Science Foundation \$300,000

Total for PI: \$300,000

PI: Eric DeChaine

7/15/2018 North Pacific Stepping Stones: Past, present and future linkages between the Floras or Kamchatka, the Aleutian Islands, and Alaska National Park Service \$223,820

Total for PI: \$223,820

PI: Domenico Galati

8/15/2020 Acquisition of a multi-modal laser scanning confocal microscope to integrate research and teaching across spatial, evolutionary and ecological scales at WWU National Science Foundation \$681,290

Total for PI: \$681,290

PI: Robin Kodner

11/17/2017 ISMs Workshops - Inclusion and Social Mindfulness in STEM Howard Hughes Medical Institute \$50,000

Total for PI: \$50,000

PI: Joann Otto

7/24/2017 Inclusive Excellence Program Howard Hughes Medical Institute \$420,000

Total for PI: \$420,000

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Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

College of Science and Engineering

Biology Department

PI: Daniel Pollard

7/15/2015	Dissecting the causes of natural variation in protein expression dynamics	National Science Foundation	\$247,210
Total for PI:			\$247,210

PI: Dietmar Schwarz

Co-PI: Alejandro Acevedo-Gutierrez

2/1/2020	Using molecular scatology to determine winter and spring pinniped predation on Chinook Salmon in northwest Washington ...	University of Washington	\$47,674
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Co-PI: Alejandro Acevedo-Gutierrez

3/13/2020	Determining local sex ratios and sex-specific predation by harbor seals in the SALish Sea of Washington State	Puget Sound Partnership	\$31,944
Total for PI:			\$79,618

PI: Adrienne Wang

8/1/2017	Conserved Mechanisms of Aging in Alzheimer Disease	University of Washington	\$236,505
Total for PI:			\$236,505

Total for Biology Department: \$2,542,604

Chemistry Department

PI: Jeanine Amacher

9/1/2019	The Role of Non-Motif Selectivity Determinants in Peptide-Binding Domain Interactions	National Science Foundation	\$349,908
Total for PI:			\$349,908

PI: John Antos

6/1/2016	Enhancing the Efficiency and Scope of Sortase-Mediated Ligations	National Institutes Of Health	\$355,151
7/1/2016	Structural Characterization of Substrate Promiscuity in Bacterial Sortases	Research Corporation	\$100,000

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Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

College of Science and Engineering

Chemistry Department

PI: John Antos

Co-PI: Sergey Smirnov

Co-PI: Kathryn Van Alstyne

9/1/2019	MRI: Acquisition of a Liquid Chromatography-Mass Spectrometry (LC-MS) System to Enable Research and Enhance Undergraduate Education at Western Washington University	National Science Foundation	\$499,946
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Co-PI: Sergey Smirnov

Co-PI: Kathryn Van Alstyne

11/21/2019	Liquid Chromatography-Mass Spectrometers Purchase	Murdock Charitable Trust	\$318,500
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Co-PI: Sergey Smirnov

7/1/2020	RUI: Sortase-Mediated Ligations for Probing Binding Modes of Large Disordered Polypeptides	National Science Foundation	\$235,000
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Total for PI: \$1,508,597

PI: Robert Berger

7/1/2017	Novel Approaches to the Computational Understanding and Prediction of Perovskite Dopant Environments and Distortive Modes	Research Corporation	\$100,000
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Total for PI: \$100,000

PI: Emily Borda

Co-PI: Todd Haskell

Co-PI: Andrew Boudreaux

9/1/2016	Collaborative research: Unifying Science for Students (USS): Investigating transfer within a coherent, interdisciplinary set of science courses	National Science Foundation	\$248,053
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Total for PI: \$248,053

PI: Mark Bussell

7/1/2019	Nickel-Palladium Phosphide Catalysts for the Selective Hydrogenation of Acetylene	American Chemical Society	\$70,000
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Current Grants at Western Washington University

Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

College of Science and Engineering

Chemistry Department

PI: Mark Bussell

9/1/2020	Instrumentation for Raman Thermometry – Probing Photocatalysis at the Nanoscale	Research Corporation	\$10,000
10/1/2020	Metal Phosphate-Oxide Hybrid Catalysts for Solar Fuels Production	Research Corporation	\$50,000
Total for PI:			\$130,000

PI: Catherine Clark

10/1/2019	Vault-Based academic leadership trajectories for women in STEM (VAuLTS)	WA State University	\$42,387
9/1/2020	Cycling of ethanol and acetaldehyde in seawater	National Science Foundation	\$139,339
Total for PI:			\$181,726

PI: Steven Emory

8/1/2020	Acquisition of Raman Imaging Microscope at Western Washington University	National Science Foundation	\$295,160
Total for PI:			\$295,160

PI: John Gilbertson

6/1/2017	Bioinspired Structure/Function Studies that Leverage Proton-Responsive Secondary Coordination Spheres and Ligand-Based Redox Sites	National Institutes Of Health	\$364,123
10/1/2017	Bioinspired Movement of Protons and Electrons for Small Molecule Activation	Camille and Henry Dreyfus Foundation Inc	\$60,000

Co-PI: Timothy Kowalczyk

8/1/2020	RUI: Nitrate/Nitrite Reduction Utilization Hemiability and Redox-Activity	National Science Foundation	\$261,000
Total for PI:			\$685,123

PI: Timothy Kowalczyk

6/15/2018	Mechanism and computational design of energy storage and release in molecular photoswitches	Research Corporation	\$100,000
Total for PI:			\$100,000

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Active Minds Changing Lives

December 2, 2020

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College of Science and Engineering

Chemistry Department

PI: Michael Larsen

7/1/2020	Development of the Guanidine Exchange Reaction for a New Class of Covalent Adaptable Networks	American Chemical Society	\$55,000
Total for PI:			\$55,000

PI: Amanda Murphy

Co-PI: Paul Spiegel

4/1/2018	REU Site: Undergraduate Research in Chemistry at Western Washington University	National Science Foundation	\$289,033
8/1/2018	RUI: Protein Bioconjugation Strategies for Next Generation Silk Biomaterials	National Science Foundation	\$388,946
Total for PI:			\$677,979

PI: Gregory O'Neil

6/25/2018	RUI: Accessing Asymmetric Carbon Atoms by Samarium(II)-Water Allylic Benzoate Reductions	National Science Foundation	\$256,500
2/4/2020	New reactions for diallylsilanes for enantioselective synthesis	Organic Syntheses	\$8,000
3/15/2020	Commercial applications for the unique algal lipids - Phase II: Whole Extract Formulations and Novel Resources	Washington Research Foundation	\$100,000
3/1/2021	Beyond Polypropylene: Advancing Propylene-Based Fine Chemical Synthesis Through Diallylsilane Rearrangements	American Chemical Society	\$70,000
Total for PI:			\$434,500

PI: David Patrick

10/1/2018	Shape Engineered Organic Single-Crystals	Research Corporation	\$50,000
Total for PI:			\$50,000

PI: David Rider

10/27/2020	Dreyfus Teacher-Scholar Awards Program - Rider	Camille and Henry Dreyfus Foundation Inc	\$75,000
Total for PI:			\$75,000

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Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

College of Science and Engineering

Chemistry Department

PI: Margaret Scheuermann

5/1/2020	RUI: The Role of Engineered Ligands in Putative Homogeneous Catalysis: Supporting a homogeneous catalyst or modulating nanoparticle formation	National Science Foundation	\$230,000
Total for PI:			\$230,000

PI: Paul Spiegel

4/1/2017	Structural and Biochemical Studies of Blood Coagulation Factor VIII to Overcome the Immune Response	National Institutes Of Health	\$388,491
5/1/2019	yr 2-U54 Sub-contract: Unraveling the immune response to factor VIII	Emory University	\$103,209
5/1/2020	U54 Sub-contract: Unraveling the immune response to factor VIII	Emory University	\$122,441
Total for PI:			\$614,141

Total for Chemistry Department: \$5,735,187

Computer Science Department

PI: Erik Fretheim

Co-PI: Michail Tsikerdekis

7/17/2020	PISCES Curriculum Development	Pacific Northwest National Laboratory	\$30,200
Total for PI:			\$30,200

PI: Brian Hutchinson

3/1/2017	PNNL Joint Appointment 2017	Battelle Pacific NW Natl Lab	\$300,827
1/6/2020	Adversarial Machine Learning	Pacific Northwest National Laboratory	\$38,947
1/17/2020	Audio Fewshot Learning	Pacific Northwest National Laboratory	\$99,990
6/16/2020	Deep Learning for Transactive control and Coordination	Pacific Northwest National Laboratory	\$60,637
10/6/2020	Generative Machine Learning Approaches to ESM Emulation	Pacific Northwest National Laboratory	\$50,000
Total for PI:			\$550,401

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Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

College of Science and Engineering

Computer Science Department

PI: Filip Jagodzinski

7/1/2020	EAGER: III: Collaborative: RUI: In silico Algorithm for Assessing the Effects of Amino Acid Insertion and Deletion Mutations	National Science Foundation	\$77,464
8/1/2020	Workshop on Computational Structural Biology	National Science Foundation	\$20,902
Total for PI:			\$98,366

Total for Computer Science Department: \$678,967

Engineering and Design Department

PI: Jill Davishahl

12/1/2018	Becoming Engaged Engineering Scholars: Success Programs for Recruitment and Retention in Engineering	National Science Foundation	\$957,532
Total for PI:			\$957,532

PI: Nicole Hoekstra

Co-PI: John Misasi

7/1/2019	Modified Epoxy Prepreg System for Improved Out-Life	Joint Center for Aerospace Technology Education	\$95,915
8/20/2019	Resin Additive Manufacturing Processed Thermal Protection Systems (RAMP TPS)	Tethers Unlimited	\$53,458
Total for PI:			\$149,373

PI: Andrew Klein

10/1/2018	EAGER: Fundamental limits on age of information in networks with explicit contention	National Science Foundation	\$111,582
Total for PI:			\$111,582

PI: John Misasi

Co-PI: Nicole Hoekstra

1/1/2020	High Temperature Press for Recycling Composite Materials	JCDREAM	\$28,700
Total for PI:			\$28,700

Current Grants at Western Washington University

Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

College of Science and Engineering

Engineering and Design Department

PI: Mark Peyron

7/1/2020	Integrating Combinatorial, "Model-Free" Cure Kinetics with Composite Simulation Products	Joint Center for Aerospace Technology Education	\$98,671
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Total for PI: \$98,671

Total for Engineering and Design Department: \$1,345,858

Geology Department

PI: Colin Amos

9/15/2020	New surficial geologic map of the western Sadie Creek fault system, Olympic Peninsula, Washington	US Geological Survey	\$17,465
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Total for PI: \$17,465

PI: Douglas Clark

6/1/2020	Testing Lake-Pleistocene and Holocene Climate Change in Southeastern Australia with Multi-proxy analyses of alpine lake sediments, Kosciuszko National Park, Australia	National Science Foundation	\$134,104
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Total for PI: \$134,104

PI: Robyn Dahl

Co-PI: Sean Mulcahy

Co-PI: Melissa Rice

Co-PI: Pete Stelling

Co-PI: Douglas Clark

9/1/2019	GP-EXTRA: Lab Camp: An inclusive, accessible alternative to field-based geoscience capstone courses.	National Science Foundation	\$300,506
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Total for PI: \$300,506

Current Grants at Western Washington University

Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

College of Science and Engineering

Geology Department

PI: Eric Grossman

8/15/2017	Coastal Flood Modeling, Hazards, Risk and impact Assessment Across the Pacific Northwest US Coast: Five-Year Cooperative Agreement between the US Geological Survey and Western Washington University	US Geological Survey	\$102,960
8/15/2017	Coastal Flood Modeling, Hazards, Risk and impact Assessment Across the Pacific Northwest US Coast: Five-Year Cooperative Agreement between the US Geological Survey and Western Washington University	US Geological Survey	\$81,000

Total for PI: \$183,960

PI: Robert Mitchell

8/24/2016	Modeling the effect of climate change on hydrology and stream temperature in the North Fork of the Stillaguamish River	Stillaguamish Tribe of Indians	\$205,479
9/11/2019	Impacts of Climate Change on Flooding in the Stillaguamish River	University of Washington	\$34,326

Total for PI: \$239,805

PI: Sean Mulcahy

Co-PI: Elizabeth Schermer

6/1/2020	Testing models of metamorphic sole formation and early subduction evolution in the Easton Metamorphic Suite, Northwest Cascades	National Science Foundation	\$185,140
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Total for PI: \$185,140

PI: Allison Pfeiffer

7/1/2020	Does river channel sediment supply control temporal variations in the threshold for sediment motion?	American Chemical Society	\$55,000
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Total for PI: \$55,000

PI: Melissa Rice

4/1/2015	Mastcam-Z: A Geologic, Stereoscopic, and Multispectral Investigation for the NASA Mars 2020 Rover Mission	Arizona State University	\$180,850
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Current Grants at Western Washington University

Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

College of Science and Engineering

Geology Department

PI: Melissa Rice

Co-PI: Sean Mulcahy

Co-PI: Michael Kraft

3/4/2020	Interpreting Rock Weatherin on Mars Using Spectrogoniometry of Natural Rinds and Coatings	National Aeronautics&Space Administration	\$50,000
4/1/2020	Integrating Color, Composition and Stratigraphy to Characterize Paleonvironments at Mount Sharp and Identify Science Targets Along Curiosity's Traverse	Jet Propulsion Laboratory	\$100,972
7/1/2020	Mars-2020 Mission Long-Term Planner Phase D	Jet Propulsion Laboratory	\$9,958
Total for PI:			\$341,780

Total for Geology Department: \$1,457,760

Mathematics Department

PI: David Hartenstine

Co-PI: Joseph Brobst

Co-PI: Perry Fizzano

Co-PI: Regina Barber DeGraaff

12/1/2017	Career Preparation for Computer Science and Math Students	National Science Foundation	\$999,898
Total for PI:			\$999,898

PI: Jeffrey Meier

5/13/2019	FRG: Collaborative Research: Trisections -- New Directions in Low-Dimensional Topology	National Science Foundation	\$83,109
9/1/2020	New Approaches to Understanding the Four-Sphere	National Science Foundation	\$148,699
Total for PI:			\$231,808

Total for Mathematics Department: \$1,231,706

Current Grants at Western Washington University

Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

College of Science and Engineering

Physics - Astronomy Department

PI: Andrew Boudreaux

10/1/2018	Improving Undergraduate STEM Education	National Science Foundation	\$32,853
10/1/2018	Collaborative Research: Establishing a new model for research-based curriculum development in physics aligned with dual-process theories of reasoning	National Science Foundation	\$139,706
Total for PI:			\$172,559

PI: Kevin Covey

7/1/2014	CAREER: A systematic Kinematic Survey of Young Milky Way Clusters	National Science Foundation	\$631,401
2/25/2019	Spin-down, dynamos and habitability: Chandra/K2 exploration of nearby M dwarfs.	Smithsonian Astrophysical Observatory	\$38,509
1/1/2020	Survey Coordination for the fifth Sloan Digital Sky Survey (SDSS-V)	University of Washington	\$19,127
Total for PI:			\$689,037

PI: Marina Kounkel

2/26/2019	Orion: The Final Epoch	University of Toledo	\$15,916
Total for PI:			\$15,916

PI: Thanh Le

10/1/2020	The social negotiation of confusion for physics learning	National Science Foundation	\$94,708
Total for PI:			\$94,708

PI: Armin Rahmanson

6/15/2020	Controlled nonequilibrium dynamics of quantum matter and machines	National Science Foundation	\$210,000
8/15/2020	EAGER-QAC-QSA:COLLABORATIVE RESEARCH: QUANTUM SIMULATION OF EXCITATIONS, BRAIDING, AND THE NONEQUILIBRIUM DYNAMICS OF FRACTIONAL QUANTUM HALL STATES	National Science Foundation	\$123,686
Total for PI:			\$333,686

PI: Andreas Riemann

5/1/2018	RUI: Photoisomerization Potential of Molecular Switches on Surfaces	National Science Foundation	\$233,100
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Current Grants at Western Washington University

Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

College of Science and Engineering

Physics - Astronomy Department

PI: *Andreas Riemann*

Total for PI: \$233,100

Total for Physics - Astronomy Department: \$1,539,006

Science Math and Technology Ed

PI: *Emily Borda*

6/1/2020 Research Experience for Future Science Teachers and Aerospace Professionals University of Washington \$38,820

Total for PI: \$38,820

PI: *Edward Geary*

Co-PI: *Francisco Rios*

Co-PI: *Kimberly Markworth*

Co-PI: *Susan DeBari*

Co-PI: *Bruce Larson*

9/15/2016 Collaborative Research: The Next Generation of STEM Teacher Preparation in Washington State National Science Foundation \$1,795,818

Total for PI: \$1,795,818

PI: *Deborah Hanuscin*

Co-PI: *Daniel Hanley*

Co-PI: *Emily Borda*

7/1/2018 Collaborative Research: Project to Assess Content Knowledge for Elementary Teaching of Science (Packets) National Science Foundation \$827,125

Total for PI: \$827,125

Total for Science Math and Technology Ed: \$2,661,763

Total for College of Science and Engineering: \$18,053,587

Current Grants at Western Washington University

Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

Huxley College

Department of Environmental Studies

PI: Troy Abel

8/1/2020	Youth learning, leadership and stewardship for environmental justice: Community-engaged air quality biomonitoring using moss in South Seattle project	US Environmental Protection Agency	\$97,648
Total for PI:			\$97,648

PI: Charles Barnhart

11/8/2017	Life cycle assessment of the Pearl Hill PSH project	Shell Oil Co Inc	\$25,000
Total for PI:			\$25,000

PI: Tamara Laninga

2/6/2019	Post-Fire Sustainable Recreation Planning	USDA Forest Service	\$75,232
Total for PI:			\$75,232

Total for Department of Environmental Studies: \$197,880

Dept of Environmental Sciences

PI: Jenise Bauman

12/11/2018	Surveying Harper's Creek Estuary Restoration	Kitsap County	\$50,000
Total for PI:			\$50,000

PI: Leo Bodensteiner

6/15/2018	Fisheries Investigations for Managed Fish Species	USDA Forest Service	\$17,115
Total for PI:			\$17,115

PI: Andrew Bunn

9/1/2019	Collaborative Resesarch: Past precipitation, temperature, and volcanism: multi-millennial records from three co-located bristlecone pine proxies	National Science Foundation	\$75,085
Total for PI:			\$75,085

PI: Marco Hatch

10/1/2016	NSF Includes: Coastal Almanac	National Science Foundation	\$67,948
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Current Grants at Western Washington University

Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

Huxley College

Dept of Environmental Sciences

PI: Marco Hatch

9/1/2018	Nested mentorship model to support NWIC student research	Northwest Indian College	\$17,318
Total for PI:			\$85,266

PI: James Helfield

6/1/2017	Effectiveness Monitoring for Salmon Habitat Restoration 2017-18	Natural Systems Design	\$28,955
2/1/2018	Salmon habitat restoration in thermally impaired waters: engineered log jams, hyporheic exchange and cool-water refuge	University of Washington	\$50,742
Total for PI:			\$79,697

PI: Alia Khan

3/1/2020	WRRRI 104B Annual Program FY2019	WA State Water Research Center	\$29,608
6/30/2020	Quantifying the Impact of Light Absorbing Aerosols upon Sea Ice in the Changing Arctic Climate	National Aeronautics&Space Administration	\$53,687
8/1/2020	EHR-Polar DCL: Collaborative Research: Polar Space and Place: Using GIS and interactive environments to bring Polar science to the classroom	National Science Foundation	\$54,867
Total for PI:			\$138,162

PI: John Rybczyk

Co-PI: Marco Hatch

Co-PI: David Wallin

Co-PI: Brian Bingham

10/1/2015	Collaborative Research: Partnerships for Geoscience Education: Bridging Shared Waters for Geoscience Studies	National Science Foundation	\$736,749
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Co-PI: Katrina Poppe

9/1/2017	Effects of Off-Bottom Oyster Aquaculture and Development of BMPs	Pacific Shellfish Institute	\$32,685
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Co-PI: Michael Olson

8/1/2018	Northwest Climate Adaptation Science Center Research Fellowship - Megan Russell	NW Climate Science Center	\$32,985
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Current Grants at Western Washington University

Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

Huxley College

Dept of Environmental Sciences

PI: John Rybczyk

Co-PI: James Helfield

8/1/2019	Northwest Climate Adaptation Science Center Research Fellowship - Caroline Walls	NW Climate Science Center	\$34,291
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Co-PI: Robert Mitchell

8/1/2019	Northwest Climate Adaptation Science Center Research Fellowship - James Robinson	NW Climate Science Center	\$36,251
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6/5/2020	Tidal forest soil core collection and analysis, Billy Frank Jr. Nisqually NWR	US Geological Survey	\$5,180
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Co-PI: Alia Khan

8/1/2020	Northwest Climate Adaptation Science Center Research Fellowship Program - Shannon Healy	NW Climate Science Center	\$43,551
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Total for PI: \$921,692

PI: Erika Shaw

4/1/2020	Collaborative Research: Internal Swash Zones and Boundary-Interior Exchange: High Accuracy Modeling and Field Observations	National Science Foundation	\$396,747
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Total for PI: \$396,747

PI: Kathryn Sobocinski

2/1/2020	Ecosystem impacts of the jellyfish Aurelia labiata in Puget Sound: insights from mesocosms, monitoring, and ecosystem modeling	University of Washington	\$37,267
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3/9/2020	Herring and Scoter Research at Cherry Point	Puget Sound Partnership	\$105,974
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Total for PI: \$143,241

PI: Ruth Sofield

7/1/2019	Science and Management of Contaminated Sites (SMoCS) program curriculum at Huxley College FY2020 and FY2021	WA State Department Of Ecology	\$99,979
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1/31/2020	Prioritization of Contaminants of Emerging Concern in the Salish Sea: Toxicity Assessment	Puget Sound Partnership	\$36,450
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Total for PI: \$136,429

Current Grants at Western Washington University

Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

Huxley College

Dept of Environmental Sciences

PI: David Wallin

4/26/2019	Assessment of Riparian Vegetation in the Nooksack Basin	Nooksack Indian Tribe	\$55,000
4/30/2019	Mountain Goat Population Restoration In the Washington Cascades: Reproduction and Juvenile Survival	Seattle City Light	\$28,370
Total for PI:			\$83,370

Total for Dept of Environmental Sciences: \$2,126,804

Institute of Env Toxicology & Chemi

PI: Wayne Landis

10/1/2019	Convergence on Micro- and Nanoplastics in Aquatic Environments	National Science Foundation	\$103,091
1/30/2020	Assess the Upper San Francisco Estuary (USFE)	California Department of Pesticide Registration	\$60,000
7/1/2020	Quantifying the relative contributions of groups of contaminants to environmental risk in the Upper San Francisco Estuary in conjunction with an adaptive management framework (year 2)	State Water Contractors	\$160,000
Total for PI:			\$323,091

Total for Institute of Env Toxicology & Chemi: \$323,091

Institute of Watershed Studies

PI: John Rybczyk

Co-PI: Angela Strecker

8/1/2020	Northwest Climate Adaptation Science Center Research Fellowship Program - Kathleen Ewen	NW Climate Science Center	\$47,054
Total for PI:			\$47,054

PI: Angela Strecker

10/1/2019	Collaborative Proposal: MRA: Local- to continental-scale drivers of biodiversity across the National Ecological Observatory Network (NEON)	National Science Foundation	\$335,665
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Current Grants at Western Washington University

Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

Provost/Other Programs

Campus Compact

PI: Jennifer Hine

Co-PI: Daniel Hanley

Co-PI: Linnea Broker

10/10/2010 AmeriCorps VISTA State Corporation For National&Community Service \$107,200

Co-PI: Daniel Hanley

7/1/2017 College Access Corps AmeriCorps 2017 - 2020 Corporation For National&Community Service \$2,430,578

Total for PI: \$2,537,778

Total for Campus Compact: \$2,537,778

Canadian American Studies

PI: Christina Keppie

8/15/2018 Pacific Northwest National Resource Center on Canada 2018 - 2022 University of Washington \$344,899

Total for PI: \$344,899

Total for Canadian American Studies: \$344,899

Office of Sustainability

PI: Lindsey MacDonald

Co-PI: Nabil Kamel

6/1/2018 Emerald Corridor University Collaboratory Bullitt Foundation \$16,300

Total for PI: \$16,300

Total for Office of Sustainability: \$16,300

Shannon Point Marine Center

PI: Shawn Arellano

9/1/2018 RUI: Collaborative research: The impact of symbiont-larval interactions on species distributions across southwestern Pacific hydrothermal vents National Science Foundation \$384,124

Current Grants at Western Washington University

Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

Provost/Other Programs

Shannon Point Marine Center

PI: Shawn Arellano

8/1/2019	RUI:Collaborative: Dispersal depth and the transport of deep-sea methane-seep larvae around a biogeographic barrier	National Science Foundation	\$437,398
5/1/2020	RUI: Collaborative: The Predictive Nature of Microbial Biofilms for Cuing Larval Settlement at Deep-Sea Hydrothermal Vents	National Science Foundation	\$394,234
Total for PI:			\$1,215,756

PI: Brian Bingham

9/12/2019	Aquaculture of the sea cucumber <i>Parastichopus californiensis</i>	WA State Department Of Natural Resources	\$139,499
2/15/2020	REU Site: Field and Laboratory studies of coastal marine processes at the Shannon Point Marine Center (2020 - 2023)	National Science Foundation	\$194,400
Total for PI:			\$333,899

PI: James Dimond

6/15/2020	Detecting and monitoring Washington's endangered pinto abalone using environmental DNA	University of California, Davis	\$48,981
Total for PI:			\$48,981

PI: Suzanne Strom

10/1/2017	ILTER: Resilience in the Environmental Mosaic of the Northern Gulf of Alaska (NGA) Shelf Ecosystem	University Of Alaska	\$706,656
7/1/2019	Long-Term Monitoring Program 2019-2024: Measuring the pulse of the Gulf of Alaska: Oceanographic observations along the Seward Line - Year 1	North Pacific Research Board	\$44,542
6/1/2020	FSML: A culture facility for small marine organisms at Shannon Point Marine Center	National Science Foundation	\$182,413
7/1/2020	Long-Term Monitoring Program 2019-2024: Measuring the pulse of the Gulf of Alaska: Oceanographic observations along the Seward Line - Year 2	North Pacific Research Board	\$45,462
7/1/2021	Measuring the pulse of the Gulf of Alaska: Oceanographic observations along the Seward Line	North Pacific Research Board	\$45,919
Total for PI:			\$1,024,992

Current Grants at Western Washington University

Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

Viking Union/Student Activities

Child Development Center

PI: Keri Krout

7/1/2019	Affordable Child Care FY19-21	Washington Student Achievement Council	\$2,710
Total for PI:			\$2,710

Total for Child Development Center: \$2,710

Student Outreach Services

PI: Joan Ullin

9/1/2020	All Nations AMP Program (Year 3) 2018-2023	Salish Kootenai College	\$7,000
Total for PI:			\$7,000

PI: Sara Wilson

7/1/2020	Senate Bill 5800: Pilot Project on Homelessness (Year 2)	Washington Student Achievement Council	\$86,988
Total for PI:			\$86,988

Total for Student Outreach Services: \$93,988

Total for Viking Union/Student Activities: \$96,698

Current Grants at Western Washington University

Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

Woodring College of Education

Elementary Education

PI: Anna Lees

12/1/2020	Indigenous Land Education in Early Childhood: Examining a Process for Curriculum Development in a Tribal Nation Early Learning Environment	Spencer Foundation	\$249,998
Total for PI:			\$249,998

PI: Matthew Miller

11/1/2020	Prepared to Teach: Implementation Grant	Bank Street College of Education	\$80,000
Total for PI:			\$80,000

PI: Marsha Riddle Buly

7/1/2020	Woodring Highline Future Bilingual Teacher Fellows (FBTF) Program (Alternate Routes Block Grant 2020-2022)	Professional Educator Standards Board	\$72,000
Total for PI:			\$72,000

PI: Maria Timmons Flores

3/16/2020	Dare to Dream Exploring Your Future and Academic Academies 2020	WA Superintendent of Public Instruction	\$270,239
Total for PI:			\$270,239

Total for Elementary Education: \$672,237

Health and Community Studies

PI: Elizabeth Boland

10/1/2015	Northwest Indian College Tribal Vocational Rehabilitation (TVR) Institute	Northwest Indian College	\$878,083
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Co-PI: Dana Brickham

10/1/2020	Long-Term Training Grant: Rehabilitation Counseling 2019-2024 (Year 2)	US Department Of Education	\$200,000
Total for PI:			\$1,078,083

Total for Health and Community Studies: \$1,078,083

Current Grants at Western Washington University

Active Minds Changing Lives

December 2, 2020

Start Date Title Agency Award Amount to Date

Woodring College of Education

Secondary Education

PI: Bruce Larson

7/1/2020	Searching for Connections between Teacher Program Applicant Information and Selection, and STEM Teacher Retention and Effectiveness to Inform Teacher Recruitment and Education	American Institutes For Research	\$20,000
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Total for PI: \$20,000

PI: Francisco Rios

1/1/2019	Advancing Equity Pilot to Policy Year 2	Professional Educator Standards Board	\$9,374
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Total for PI: \$9,374

Total for Secondary Education: \$29,374

Special Education

PI: Aaron Perzigian

Co-PI: LeAnne Robinson

7/1/2020	Woodring Inclusive Education Teacher Scholars (WIETS) Program (Alternate Routes Block Grant 2020-2022)	Professional Educator Standards Board	\$78,000
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Total for PI: \$78,000

Total for Special Education: \$78,000

Woodring College of Education Gen

PI: Marie Eaton

Co-PI: Devyani Chandran

8/31/2018	Touch of Grace: A pilot training program on palliative end of life care for unlicensed nursing home staff	WA State DSHS	\$58,345
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Total for PI: \$58,345

PI: Bruce Larson

9/1/1981	PEAB Teachers	WA Superintendent of Public Instruction	\$1,800
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