



UTAH SYSTEM OF
HIGHER EDUCATION

MEMORANDUM

May 18, 2023

General Consent Calendar

A. MINUTES

1. March 23, 2023, Committee of the Whole Minutes – (Attachment)
2. March 24, 2023, Committee of the Whole Minutes – (Attachment)
3. April 14, 2023, Committee of the Whole Minutes – (Attachment)

B. FINANCE AND FACILITIES

1. Employee Health Plan Changes – (Attachment)
2. Utah Higher Education Assistance Authority - Status Update – (Attachment)
3. Capital Improvement Update for 2023-24 – (Attachment)
4. Utah Higher Education Capital Project Fund – Institution Dedicated Funding Allocations – (Attachment)
5. University of Utah – Extension and New Lease for the School of Medicine – (Attachment)
6. Southern Utah University – Lease Agreement – (Attachment)
7. Utah Valley University – Capital Development Project – (Attachment)
8. Utah Tech University – Facility/Ground Lease with Black Desert Resort – (Attachment)
9. Utah Tech University – Financial Ratio Report Follow-up – (Attachment)
10. Capital Improvement Update for 2023-24 – (Attachment)

C. TECHNICAL EDUCATION

1. Program Alignment – (Attachment)

D. ACADEMIC EDUCATION

1. No items

E. STUDENT AFFAIRS

1. No items

F. PROGRAM NOTIFICATIONS

ACTION

Specialized Accreditation:

1. Weber State University – Manufacturing Engineering Technology Program
2. Weber State University – Mechanical Engineering Technology Program

5-Year Report:

3. Salt Lake Community College – Associate of Applied Sciences in Accounting

INFORMATION

New Programs:

4. University of Utah – Bachelor of Sciences in Earth and Environmental Sciences
5. Utah Tech University – Master of Fine Arts
6. Utah Tech University – Associate of Arts/Associate of Sciences in English
7. Utah Tech University – Bachelor of Sciences in Mechatronics
8. Utah Tech University – Bachelor of Sciences in Geological Sciences
9. Utah Tech University – Doctorate in Occupational Therapy
10. Utah Tech University – Master of Science in Sport Management – Athletic Administration Emphasis
11. Utah Tech University – Master of Science in Sport Management – Sport Performance Management Emphasis
12. Weber State University – Master of Sciences in Data Science
13. Weber State University – Bachelor of Science in Biomedical Engineering
14. Weber State University – Associate of Sciences in Psychological Science
15. Utah State University – Master of Anticipatory Intelligence
16. Utah State University – Bachelor of Arts/Bachelor of Sciences in Criminal Justice
17. Utah State University – Bachelor of Sciences in Data Science
18. Snow College – Associate of Sciences in Dance

NOTIFICATIONS

New Programs:

19. University of Utah – Bachelor of Arts/Bachelor of Sciences in Financial Planning and Counseling
20. Utah Tech University – Minor in Political Science
21. Southern Utah University – Certificate of Proficiency in Avionics and Electronics
22. Southern Utah University – Certificate of Proficiency in Uncrewed Aircraft Operator
23. Southern Utah University – Minor in Public Lands and National Parks Studies
24. Southern Utah University – Minor in Sports Coaching
25. Southern Utah University – Minor in Chinese
26. Southern Utah University – Post-Baccalaureate Certificate in Audio Engineering
27. Southern Utah University - Post-Baccalaureate Certificate in Business Analytics
28. Southern Utah University – Post-Baccalaureate Certificate in Finance
29. Southern Utah University - Post-Baccalaureate Certificate in Healthcare Administration
30. Southern Utah University - Post-Baccalaureate Certificate in Human Resource Management
31. Southern Utah University - Post-Baccalaureate Certificate in Leadership
32. Southern Utah University – Post-Baccalaureate Certificate in Marketing
33. Southern Utah University - Post-Baccalaureate Certificate in Operations and Supply Chain Management
34. Southern Utah University - Post-Baccalaureate Certificate in Project Management

35. Utah State University – Minor in Data Science
36. Utah State University – Post-Baccalaureate Certificate in Data Science
37. Utah State University – Minor in Marketing Design
38. Utah State University – Minor in People and Organizations
39. Utah State University – Minor in Technical Communication and Rhetoric
40. Utah State University – Certificate of Completion in General Education
41. Weber State University – Certificate of Proficiency in Basic Economics Analysis
42. Weber State University – Certificate of Proficiency in Colorado Limited Scope Operator Radiography
43. Weber State University – Minor in Ethnic Studies
44. Weber State University – Minor in Film Studies
45. Weber State University – Minor in Religious Studies
46. Weber State University – Post-Baccalaureate Certificate in Autonomous Vehicle Software
47. Weber State University – Post-Graduate Certificate in Advanced Pediatric Imaging
48. Weber State University – Certificate of Proficiency in Cardiology Technician
49. Weber State University – Certificate of Proficiency in Arizona Practical Technologist in Radiology
50. Weber State University – Post-Baccalaureate Certificate in Occupation Health Nursing
51. Weber State University – Minor in Teaching Middle School Math
52. Weber State University – Minor in Product Design and Development
53. Weber State University – Certificate of Proficiency in Therapeutic Dance
54. Weber State University – Certificate of Proficiency in Product Design and Development
55. Weber State University – Certificate of Proficiency in Ethics

New Emphasis:

56. University of Utah – Bachelor of Arts/Bachelor of Sciences in Financial Planning and Counseling – Financial Planning Emphasis
57. Southern Utah University – Bachelor of Arts/Bachelor of Sciences in Communication – Sports Communication Emphasis
58. Southern Utah University – Bachelor of Fine Arts in Graphic Design – UX/UI Emphasis
59. Southern Utah University – Master of Sciences in Cybersecurity with Information Assurance – Cybersecurity Strategy Emphasis
60. Southern Utah University – Master of Sciences in Cybersecurity with Information Assurance – Information Assurance Management Emphasis
61. Southern Utah University – Master of Business Administration – Hospitality and Tourism Management Emphasis
62. Southern Utah University – Master of Business Administration – Human Resource Management Emphasis
63. Southern Utah University - Master of Business Administration – International Business Emphasis

64. Southern Utah University - Master of Business Administration – Operations and Supply Chain Management Emphasis
65. Southern Utah University - Master of Business Administration – Project Management Emphasis
66. Utah State University – Bachelor of Sciences in Technology Systems – Advanced Manufacturing Emphasis
67. Utah State University – Associate of Applied Sciences in General Technology – Agricultural Production and Automated Processing Technology Emphasis
68. Utah State University – Bachelor of Arts in Music – Composition Emphasis
69. Utah State University – Bachelor of Arts/Bachelor of Sciences in Management – Healthcare Management Emphasis
70. Utah State University – Bachelor of Arts/Bachelor of Sciences in Human Development and Families Studies – Human Development Emphasis
71. Utah State University – Bachelor of Sciences in Recreation Administration – Public Recreation Emphasis
72. Utah State University – Bachelor of Sciences in Recreation Administration – Sport Management Emphasis
73. Utah State University – Bachelor of Sciences in Recreation Administration – Outdoor Adventure Leadership Emphasis
74. Utah State University – Bachelor of Sciences in Recreation Administration – Program and Event Management Emphasis
75. Utah Tech University – Bachelor of Sciences in Information Technology – DevOps Emphasis
76. Weber State University - Master of Education – Inclusive Early Childhood Education and Care Emphasis
77. Weber State University - Master of Education – Educational Technology Emphasis
78. Weber State University - Master of Education – Sports Coaching Leadership Emphasis
79. Weber State University - Master of Arts in English – English Education Emphasis
80. Weber State University – Minor in Environmental Science Filmmaking

Name Change:

81. University of Utah – Bachelor of Arts/Bachelor of Sciences in Human Development and Family Studies – Child Life Emphasis to Childhood Healthcare Emphasis
82. Southern Utah University – Minor in Physical Education – Teaching/Coaching to Physical Education
83. Southern Utah University – Minor in Information Systems to Information Technology
84. Utah State University – Minor in Family and Human Development to Human Development and Family Studies
85. Utah State University – Master of Arts/Master of Sciences in Folklore and American Studies to Folklore Studies
86. Utah State University – Minor in Leadership and Management to Leadership

87. Utah Tech University – Bachelor of Applied Sciences in Health Administration to Healthcare Administration
88. Weber State University – Doctor of Nurse Practice – Leadership Emphasis to Doctor of Nurse Practice – Executive Leadership Program Emphasis
89. Weber State University – Applied Associate of Sciences in Apprenticeship to Construction Apprenticeship
90. Weber State University – Graduate Certificate in Nurse Executive to Nurse Leadership and Management
91. Weber State University – Bachelor of Sciences in Network Management Technology to Cybersecurity and Network Technology
92. Weber State University – Applied Associate of Sciences in Network Management Technology to Cybersecurity and Network Technology
93. Weber State University - Minor in Network Management Technology to Cybersecurity and Network Technology
94. Weber State University – Post Baccalaureate Certificate in Cyber Security to Cybersecurity
95. Weber State University – Associate of Applied Sciences in Product Design and Development: An Engineering Technology to Product Design and Development

Program Restructure:

96. Southern Utah University – RN-MSN Leadership and Administration
97. Southern Utah University – Master of Sciences in Cybersecurity with Information Assurance
98. Southern Utah University – Bachelor of Sciences in Physical Education – Coaching Emphasis
99. Southern Utah University - Bachelor of Sciences in Physical Education – Teaching Emphasis
100. Utah State University – Bachelor of Sciences in Technology and Engineering Education – Skilled and Technical Sciences Education Emphasis

Program Restructure and Name Change:

101. University of Utah – Family, Community and Human Development to Human Development and Family Studies
102. Southern Utah University – Post-Baccalaureate Certificate in International Business to International Business Management
103. Utah State University – Doctorate in Psychology Sociobehavioral Epidemiology and Quantitative Psychology Specializations to Psychology: Data Science and Research Methodology Specialization
104. Weber State University – Bachelor of Sciences in Diagnostic Medical Sonography
105. Utah State University – Bachelor of Science in Deaf Education Composite to Communicative Disorders and Deaf Education – Bilingual-Bicultural Deaf Education Emphasis

Program Transfer:

106. Weber State University – Minor in Queer Studies from Engaged Learning, Honors, and Interdisciplinary Programs to College of Social and Behavioral Sciences Interdisciplinary Programs
107. Weber State University – Minor in Women and Gender Studies from Engaged Learning, Honors, and Interdisciplinary Programs to College of Social and Behavioral Sciences Interdisciplinary Programs

Discontinuance:

108. University of Utah – Bachelor of Arts/Bachelor of Sciences in Human Development and Family Studies – Financial Planning Emphasis
109. University of Utah – Minor in Consumer and Community Studies
110. Southern Utah University – Associate of Applied Sciences in Aviation – Unmanned Aircraft Operator Emphasis
111. Southern Utah University – Bachelor of Arts/Bachelor of Sciences in International Cabin Crew Leadership
112. Southern Utah University – Minor in Computer Science – Teacher Education Emphasis
113. Southern Utah University – Certificate of Proficiency in Sports Communication
114. Utah State University – Certificate of Completion in Phlebotomy
115. Utah State University – Certificate of Completion in Office Computer Systems
116. Utah State University – Certificate of Completion in Certified Nursing Assistant
117. Utah State University – Bachelor of Arts/Bachelor of Sciences in English - Technical Communication and Rhetoric Emphasis
118. Utah State University – Bachelor of Arts/Bachelor of Sciences in Sociology – Criminal Justice Emphasis
119. Utah State University – Institutional Certificate in Landscape Management
120. Utah Tech University – Bachelor of Applied Science in Technology Innovation

Suspension:

121. Utah State University – Bachelor of Sciences in International Business

Reinstatement:

122. Utah State University – Bachelor of Sciences in Deaf Education Composite

New Admin Unit:

123. University of Utah – Division of Medical Education
124. Utah State University – Department of Veterinary Clinical and Life Sciences

Admin Unit Name Change:

125. Southern Utah University – Department of Physical Sciences to Department of Chemistry and Physics
126. Southern Utah University – Department of Computer Science and Information Security to Department of Computer Science and Cybersecurity
127. Southern Utah University – Department of Art and Design to Department of Filmmaking, Art, and Design
128. Utah State University – Department of Family and Human Development to Human Development and Family Studies
129. Southern Utah University – Walter Maxwell Gibson College of Sciences to Walter Maxwell Gibson College of Natural Sciences

New Center:

130. Utah Tech University – Utah Tech Athletic Training Student Clinic
131. Utah Tech University – Center for Climate Resilience and Sustainability
132. Utah State University – Alzheimer's Disease and Dementia Research Center
133. Weber State University – Center for Excellence in Teaching and Learning

G. AWARDS

1. University of Utah – DHHS Health Resources & Services Admin; "HRSA Med Student Education"; \$5,450,869. Principal Investigator, Ty Dickerson.
2. University of Utah – NIH National Institute on Drug Abuse; "ABCD Limited Competition"; \$2,730,429. Principal Investigator, Deborah Ann Yurgelun-Todd.
3. Utah State University – UT Department of Workforce Services; "URPD FY21-FY26"; \$3,945,069. Principal Investigator, Carrie M Stott.
4. Utah State University – US Dept of Education; "GEAR UP 3: Utah State University STARTS! GEAR UP Partnership"; \$2,187,197. Principal Investigator.
5. Utah State University – US Dept of Education; "Utah State University STARS! GEAR UP"; \$2,441,600. Principal Investigator, Kathy Cabe Trundle.
6. Utah State University – US National Science Foundation; "Engineering Research Center for Advancing Sustainability through Powered Infrastructure for Roadway Electrification"; \$6,000,000. Principal Investigator, Regan Zane.
7. Utah State University – UT Dept of Workforce Services; "URPD FY21-FY26"; \$2,200,000. Principal Investigator, Carrie M Stott.
8. Utah State University – Misc Fed Sponsors; "Yellowstone"; \$2,857,635. Principal Investigator,
9. Utah State University – Air Force Nuclear Weapons Center; "Sentinel Integrated Subject Matter Expertise"; \$3,000,000. Principal Investigator, Roger Ellis.
10. Utah State University – Air Force Materiel Command; "Virtual Imagery Processing Capability High-Performance Computing Enhancements"; \$3,000,000. Principal Investigator, Shane Jenkins and Craig Kelley.

11. Utah State University – Lockheed Martin; "Diamondback"; \$2,939,500. Principal Investigator, Cameron King.
12. Utah State University – Missile Defense Agency; "Space Senior Advisory Group Support FY22 Follow-on"; \$2,803,575, Principal Investigator, Crent Suerdieck.
13. Utah State University – Marine Corps; "Unites States Marine Corps-Ordering Period 4"; \$2,641,781. Principal Investigator, John Kratz.
14. Uta State University – Air Force Materiel Command; "Virtual Imagery Processing Capability Ordering Period 4"; \$15,529,000. Principal Investigator, Shane Jenkins.
15. Utah State University – NASA Jet Propulsion Laboratory; "Near Earth Object Surveyor"; \$2,892,231. Principal Investigator, Brent Carlson.
16. Utah State University – Air Force Materiel Command; "Data Dissemination Element"; \$2,100,000. Principal Investigator, David Marchant.
17. Utah State University – Naval Research Lab; "Dark Swarm in Degraded Environments"; \$4,344,088. Principal Investigator, Matt Didericksen.
18. Utah State University – Air Force Research Laboratory; "Space and Nuclear Advanced Prototypes, Experiments & Technology Development Task Order 1 Wayfinder"; \$2,003,000. Principal Investigator, Bob Gardner and Al Dubovik.
19. Utah State University – Air Force Research Laboratory; "Space and Nuclear Advanced Prototypes, Experiments & Technology Development Task Order 8 Viper"; \$3,020,000. Principal Investigator, Lee Dang.
20. Utah State University – Air Force Research Laboratory; "Space and Nuclear Advanced Prototypes, Experiments & Technology Development Task Order 8 Forge"; \$3,000,000. Principal Investigator, Kevin Westwood.
21. Utah State University – Misc Federal Sponsors; "Yellowstone"; "\$4,476,902. Principal Investigator, Chris J Smith.
22. Utah State University – Lockheed Martin; "Diamondback"; "2,845,589. Principal Investigator, Cameron King.
23. Utah State University – Naval Research Lab; "Dark Swarm in Degraded Environments"; \$2,091,471. Principal Investigator, Matt Didericksen.
24. Utah State University – Lockheed Martin; "Diamondback"; \$2,321,983. Principal Investigator, Cameron King.
25. Utah State University – Missile Defense Agency; "Forge Open Repository and Code Escrow plus plus"; \$2,000,000. Principal Investigator, Nathan White.
26. Utah State University – University of California at Berkeley; "Carruthers/Global Lyman-alpha Imagers of the Dynamis Exospher Phase C/D"; \$2,471,882. Principal Investigator, Bennett Keller.
27. Utah State University – Air Force Research Laboratory; "Space and Nuclear Advanced Prototypes, Experiments & Technology Development Task Order 1 Wayfinder"; \$2,050,000. Principal Investigator, Bob Garnder and Al Dubovik.

28. Utah State University – Air Force Research Laboratory; "Space and Nuclear Advanced Prototypes, Experiments & Technology Development Task Order 1 Gryphon"; \$2,800,000. Principal Investigator, David J Anderson.
29. Utah State University – Air Force; "Republic of Korea Global Hawk Tasking, Collection, Processing, Exploitation, and Dissemination Sustainment"; \$9,160,587. Principal Investigator, Kyle Palmer.
30. Utah State University – Air Force Research Laboratory; "Space and Nuclear Advanced Prototypes, Experiments & Technology Development Task Order 1 – Wayfinder"; \$2,600,000. Principal Investigator, Bob Gardner and Al Dubovik.
31. Utah State University – Missile Defense Agency; Forge Open Repository and Code Escrow plus plus"; \$2,500,000. Principal Investigator, Nathan White.

H. DEEP TECHNOLOGY GRANT RECOMMENDATIONS

Accordance with 53B-26-302, Deep Technology Talent Advisory Council recommends the Board issue the following grants:

1. University of Utah – Utah Board of Higher Education; “Neurotechnology Certificates & Neuroengineering Graduate Degree Programs”; \$667,226.
2. Southern Utah University – Utah Board of Higher Education; “Artificial Intelligence and Machine Learning Certificate”; \$367,113.
3. Utah State University – Utah Board of Higher Education; “Preparing Utah workforce: from integrated photonics to quantum computing”; \$297,000.
4. Utah Tech University – Utah Board of Higher Education; “Training Life Sciences Graduates in Machine Learning”; \$468,752.

I. GRANT PROPOSALS

1. University of Utah -CDC Natl Inst Occupational Safety & Hlth; ""RMCOEH Renewal"; \$8,999,937. Principal Investigator, Kurt Timothy Hegman.
2. University of Utah – Arizona State University; NSF Engines: Typ2-2: ASU Lead"; \$2,836,674. Principal Investigator, Brenda Bowen.
3. University of Utah – DHHS National Institutes of Health; "Holland/Summers RO1 12.10.11"; \$3,394,100. Principal Investigator, William Louis Holland.
4. University of Utah – NIH National Cancer Institute; "Shreya Goel, NIH SUB"; \$3,349,588. Principal Investigator, Shreya Goel.
5. University of Utah – National Science Foundation; "TA Analysis 2022"; \$3,334,707. Principal Investigator, Charles Jui.
6. University of Utah – NIH National Heart Lung & Blood Inst; "Ranjan – Radiation RO1 – NIH"; \$3,058,293. Principal Investigator, Ravi Ranjan.
7. University of Utah – DHHS National Institutes of Health; "Resub Renewal RO1 Chaudhuri"; \$2,096,205. Principal Investigator, Dipayan Chaudhuri.

8. University of Utah – NIH National Heart Lung & Blood Inst; "Ranjan -Flutter RO1 NIH"; \$2,714,939. Principal Investigator, Ravi Ranjan.
9. University of Utah – DHHS National Institutes of Health; "PA-20-185 Aromolaran"; \$2,696,554. Principal Investigator, Ademuyi Aromolaran.
10. University of Utah – NIH National Cancer Institute; "Smartlife_Schlechter_11.04.22"; \$3,849,928. Principal Investigator, Chelsey Rae Schlechter.
11. University of Utah – NIH National Institute on Aging; "Harkikar_Colocare"; \$3,766,720. Principal Investigator, Sheetal Harkikar.
12. University of Utah – NIH National Cancer Institute; "Hardikar_Ro1_KATZ_10.11.2022"; \$3,760,782. Principal Investigator, Sheetal Hardikar.
13. University of Utah -DHHS National Institutes of Health; "Playdon_RO1resub_11.2022"; \$2,506,097. Principal Investigator, Mary C Playdon.
14. University of Utah – BD2 BRKTHR DSCVS for THRV with BPLR DSDRD; "Mikey BDs Discovery Grant"; \$4,500,000. Principal Investigator, Brian James Mickey.
15. University of Utah – DHHS National Institutes of Health; "Creatinedepr Kondo RO1 Dec2022"; \$3,079,884. Principal Investigator, Douglas Gavin Kondo.
16. University of Utah – NIH Natl Inst Neurolog Disorders Stroke; "Imaging Biomarkers in DCM"; \$2,894,004. Principal Investigator, Eun-Kee Jeong.
17. University of Utah – DHHS Agency for Healthcare Resh & Quality; "The Road Home"; \$2,497,926. Principal Investigator, Valerie Michele Vaughn.
18. University of Utah – DHHS Health Resources & Services Admin; "Mental Health HRSA"; \$2,490,500. Principal Investigator, Susan EW Cochella.
19. University of Utah – NIH National Inst of General Medical Sci; "RO1 GM112080 2022 Renewal"; \$2,309,700. Principal Investigator, WesleyI Sundquist.
20. University of Utah – US Department of Education; "Rural Mental Health Service"; \$4,748,104. Principal Investigator, Aaron Jason Fischer.
21. University of Utah -National Science Foundation; "NSF Engines Sub to Reno"; \$2,125,758. Principal Investigator, Kevin J Whitty.
22. University of Utah – DHHS National Institutes of Health; "Boudina RGA New 12.19.22"; \$2,191,371. Principal Investigator, Sihem Boudina.
23. University of Utah – NIH National Institue on Aging; "Lee Katz RO1 Jan 2023"; \$2,677,014. Principal Invetigator, Shinduk Lee.
24. University of Utah – NIH National Inst on MNRT Hlth & DISPAR; "GUO Source RO1 Feb 2023"; \$2,974,321. Principal Investigator, Jia-Wen Guo.
25. University of Utah – DHHS National Institutes of Health; "Beaudin RO1 resub 12.10.2022"; \$3,795,770. Principal Investigator, Anna Elisse Beaudin.
26. University of Utah – NIH National Cancer Institute; "DISCO_CS_01.23.2023"; \$4,882,70. Principal Investigator, Chelsey Rae Schlechter.
27. University of Utah – NIH National Heart Lung & Blood Inst; "Blood Stem Cell"; \$2,446,332. Principal Investigator, Ramiro Garzon.

28. University of Utah – NIH National Heart Lung & Blood Inst; "Dwyer U24 Oct 2022"; \$39,836,568. Principal Investigator, Jamie P Dwyer.
29. University of Utah – DHHS National Institutes of Health; "Guilherme Del Fiol U24"; \$4,729,615. Principal Investigator, Guilherme Del Fiol.
30. University of Utah – NIH National Inst Diabetes Digest Kidney Dis; "Dwyer U24 KHD Nov 2022"; \$4,412,073. Principal Investigator, Jamie P Dwyer.
31. University of Utah – Massachusetts General Hospital; "Rapaport NIA RO1 MGH SUB Jan23"; \$3,772,423. Principal Investigator, Mark Hyman Rapaport.
32. University of Utah – NIH Natl Inst Allergy & Infectious Dis; "New RO1 PA-20-185"; \$3,734,150. Principal Investigator, Timothy Hanley.
33. University of Utah – DHHS National Institutes of Health; "NUESTRO SUENO"; \$3,577,130. Principal Investigator, Kelly Glazer Baron.
34. University of Utah – DHHS National Institutes of Health; "Quantitation of Myelin Damage"; \$3,035,689. Principal Investigator, Eun-Kee Jeong.
35. University of Utah – DHHS National Institutes of Health; "Michael Deans RO1 Renewal"; \$2,791,545. Principal Investigator, Michael Robert Deans.
36. University of Utah – NIH National Institute on Aging; "Tissue Senescence"; \$2,688,975. Principal Investigator, Lisa Lesniewski.
37. University of Utah – University of California Irvine; "Precision Genome Subcont"; \$2,591,306. Principal Investigator, Frans Johan Vinberg.
38. University of Utah – NIH National Inst Child Hlth & Human Dev; ""Rapid Renewal""; \$2,534,250. Principal Investigator, David Turok.
39. University of Utah – DHHS National Institutes of Health; "Richard Dorksy RO1 (2 wk ext) "; \$2,311,965. Principal Investigator, Kelly Glazer Baron-E 2022eV"; \$5,042,878. Principal Investigator, Tao Gao.
40. University of Utah – US Dep of Energy; "WIN-PSH"; \$4,000,000. Principal Investigator, Mostafa Ardakani.
41. University of Utah – US Dep of Energy; "Digital Twins Air-Assisted"; \$3,762,615. Principal Investigator, Jennifer P Spinti.
42. University of Utah – NIH Natl Inst Deaf & Other Comm Disorder; "RO1 Vestmech"; \$2,751,294. Principal Investigator, Richard D Rabbitt.
43. University of Utah – DHHS Office of Minority Health; "Minority Health & Disparities"; \$3452,739. Principal Investigator, Amit Kumar.
44. University of Utah – NIH National Inst of General Medical Sci; "Crispr RO1 Renewal"; \$3,673,520. Principal Investigator, Randall Theodore Peterson.
45. University of Utah – DHHS National Institutes of Health; "NIH-MIRA_NEW_ROG"; \$3,011,535. Principal Investigator, Ofer Rog.
46. University of Utah – DHHS National Institutes of Health; "Resub_PA 20-185 SPI1 Type"; \$2,611,082. Principal Investigator, Kelly T Hughes.

47. University of Utah - National Science Foundation; "Bridge12EPR"; \$2,455,700. Principal Investigator, Ming Lee Tang.
48. University of Utah – DHHS National Institutes of Health; "CAPTURE"; \$5,974,163. Principal Investigator, Cory Shields Inman.
49. University of Utah – NIH National Cancer Institute; "Lungsmart_Wetter_02.14.2023"; \$6,156,738. Principal Investigator, David Wetter.
50. University of Utah – NIH National Heart Lung & Blood Inst; "R01HL168598 Leukotrienes Resub"; \$3,095,210. Principal Investigator, Ademuyi Aromolaran.
51. University of Utah – DHHS National Institutes of Health; "R01 PA-20-185 Dossdall-Shaw"; \$2,990,460. Principal Investigator, Derek James Dossdall.
52. University of Utah – US Dept of Health & Human Services; "Rondina Renewal R01"; \$2,744,865. Principal Investigator, Matthew Thomas Rondina.
53. University of Utah – NIH National Inst Child Hlth & Human Dev; ""Gert_02.06.2023_R01""; \$2,633,345. Principal Investigator, Jason Gertz.
54. University of Utah – DHHS National Institutes of Health; "Yost NIH R01 Renewal 3.5.23"; \$2,268,656 Principal Investigator, Christian C Yost.
55. University of Utah – NIH Natl Ctr for Compmt & Integtv Hlth; "O'Connell_R01LATE_10.05.2022"; \$4,116,632. Principal Investigator, Ryan M O'Connell.
56. University of Utah – NH National Institute on Aging; "Hardikar_R01_resub_03.06.23"; \$3,891,101. Principal Investigator, Sheetal Hardikar.
57. University of Utah – NIH Natl Inst Allergy & Infectious Dis; "Williams_R01_03.06.2022"; \$3,641,340. Principal Investigator, Aik Choon Tan.
58. University of Utah – NI Natl Inst Diabetes Digest Kidney Dis; "Round_R01_12.08.2022"; \$3,205,325. Principal Investigator, June Louise Round.
59. University of Utah – NIH National Cancer Institute; "Buckley_R01_resub_3.6.23"; \$3,149,145. Principal Investigator, Shannon Mychel Buckley-McKeown.
60. University of Utah – NIH National Cancer Institute; "O'Connell_R01_11.07.2022"; \$2,933,020. Principal Investigator, Ryan M O'Connell.
61. University of Utah – NIH National Cancer Institute; "Drug Sensitivity Breast Cancer"; \$2,735,070 Principal Investigator, Benjamin T Spike.
62. University of Utah – NIH National Cancer Institute; "Zhang_R01_resub_03.06.2023"; \$2,569,804. Principal Investigator, Xiaoyang Zhang.
63. University of Utah – DHHS National Institutes of Health; "O'Connell_R01resub_11.05.2020"; \$2,500,635. Principal Investigator, Ryan M O'Connell.
64. University of Utah – NIG National Inst of General Medical Sci; "Ullman_R01_REN_RESUB__3.6.23"; \$2,118,880. Principal Investigator, Katharine S Ullman.
65. University of Utah – NIH National Inst Child Health & Human Dev; "Echo Renewal_Stanford112122"; \$18,825,412. Principal Investigator, Joseph Stanford.
66. University of Utah – DHHS National Institutes of Health; "MAIt SEPSIS R01-A1"; \$3,849,990. Principal Investigator, Daniel Ted Leung.

67. University of Utah – NIH National Institute of Mental Health; “Capecchi Resubmission 03.2023”; \$3,849,440. Principal Investigator, Marior R Capecchi.
68. University of Utah – DHHS National Institutes of Health; “Sleep Disparities RO1 resub”; \$3,792,621. Principal Investigator, Kelly Glazer Baron.
69. University of Utah – DHHS National Institutes of Health; “Maria Bettini RO1 Resub”; \$3,766,915. Principal Investigator, Maria Bettini
70. University of Utah – DHHS National Institutes of Health; “New RO1 PA-20-185 Feb 2023”; \$3,751,684 Principal Investigator, Hans Haecker.
71. University of Utah – DHHS National Institutes of Health; “Smoking Cessation RO1”; \$3,727,946. Principal Investigator, Kolawole S Okuyemi.
72. University of Utah – NIH Natl Inst Deaf & Other Comm Disorder; “Christensen RO1 Feb2023”; \$3,544,965. Principal Investigator, Michael Benjamin Christensen.
73. University of Utah – NIH Natl Inst Neurolog Disorders Stroke; “Brennan RO1 Resubmission-2023”; \$3,486,965. Principal Investigator, Kevin C Brennan Jr.
74. University of Utah – NIH National Institute of Nursing Rsrch; “NKOY RO1 RESIB 2023”; \$3,426,667. Principal Investigator, Flory Lumu Nkoy.
75. University of Utah – Foundation of National Inst of Health; “Contribution of the NOD/RIPK2”; \$3,335,193. Principal Investigator, Michael John Jury nec.
76. University of Utah – Novavax Inc; “Novavax Trial”; \$2,972,159. Principal Investigator, Sarang Kim Yoon.
77. University of Utah – DHHS National Institutes of Health; “New RO1 Role Crel and Rela”; \$2,846,930. Principal Investigator, Koushik Roy.
78. University of Utah – DHHS National Institutes of Health; “Marth Smaht 2022”; \$2,600,187. Principal Investigator, Gabor T Marth.
79. University of Utah – DHHS National Institutes of Health; “Minna Roh RO1 Resub”; \$2,467,299. Principal Investigator, Minna Roh.
80. University of Utah – Ut Div of Substance Abuse & Mental Health; “Plumb DSAMH 2022”; \$2,150,000. Principal Investigator, Jennifer Plumb.
81. Utah State University – US Dept of Energy; “Production of Sustainable Aviation Fuel from Lignocellulosic Diomass Feedstocks Topc 1a”; 2,017,068. Principal Investigator, Foster Aryi Agblevor.
82. Utah State University – US National Science Foundation; “Collaborative Research: Effects of Change Intervention on the Achievement and Self-Regulationo Students with Learning Di” abilities”; \$2,486,499. Principal Investigator, Kaitlin Bundock.
83. Utah State University- National Institutes of Health; “ Spatially-explicit predictions of vector disease dynamics in a changing climate with the integration of ecological, genetic, and computational approaches”; \$3,486,067. Principal Investigator, Norah Paul Annapurna Rose Saarman

84. Utah State University – Utah State University Space Dynamics Laboratory; “AWE-Atmospheric Waves Experiment – Re-budget Fall 2022”; \$4,747,066. Principal Investigator, Michael John Taylor.
85. Utah State University – National Institutes of Health; “A causal framework of communicative participation in people with Parkinson's disease”; \$2,876,508. Principal Investigator, Stephanie Anna Borrie.
86. Utah State University – University of Utah; Utah Children’s Project”; \$2,417,362. Principal Investigator, Eduardo Ortiz.
87. Utah State University – US National Science Foundation; “From landscapes to hotspot dynamics: Leveraging new horizons in movement ecology to transform predictability of spatial disease risk”; \$2,999,746. Principal Investigator, Kezia Manlove.
88. Utah State University – UT Dept of Workforce Services; “URPD FY23”; \$2,200,000. Principal Investigator, Carrie M Stott.
89. Utah State University – University of Central Florida; “LunarBIOME: Biological Investigations Of the Moon Environment”; \$4,650,987. Principal Investigator, Charles M Swenson.
90. Utah State University – University of Arizona; “NSF engines: Typ2-2: Innovation Engine for Climate Resilience in the Colorado River Basin States”; \$2,465,893. Principal Investigator, Blake P Tullis.
91. Utah State University – US Corp for National & Community Services; “AmeriCorps 2024”; \$2,314,001. Principal Investigator, Sean D Damitz.
92. Utah State University – US Dept of Ag-Agricultural Marketing Services; “Intermountain West Regional Food Business Center”; \$29,880,192. Principal Investigator, Ruby Ward.
93. Utah State University – Moab Free Health Clinic; “Addressing Social Determinants of Health Through a Structural Lens”; \$3,258,848. Principal Investigator, Aaron T Hunt.
94. Utah State University – Air Force Research Laboratory; “Precision Atomic Clocks, Magnetometers & Navigation Follow-On”; \$163,998,973. Principal Investigator, Jeremy Nicoll.
95. Utah State University – Missile Defense Agency; “Future Operationally Resilient Ground Evolution Open Repository and Code ” escrow”; \$52,070,458. Principal Investigator, Nathan White.
96. Utah State University – NASA Jet Propulsion Laboratory; “Near Earth Object Surveyor Phase C/D”; \$45,723,958. Principal Investigator, Brent Carlsen.
97. Utah State University – Viasat, Inc; “Maxwell Spacecraft”; \$27,899,713. Principal Investigator, Asal Naseri.
98. Utah State University – Misc Fed Sponsors; “Sirius”; \$21,000,000. Principal Investigator, Drew Somerville.
99. Utah State University – Misc Fed Sponsors; “Yellowstone Engineering Change Proposal-4”; \$15,249,239. Principal Investigator, Chris J Smith.
100. Utah State University – Lockheed Martin; “Swamphen Payloads”; \$8,724,592. Principal Investigator, Amy Secrist.

101. Utah State University – NASA Goddard Space Flight Center; “\$7,987,029. Principal Investigator, Gabe Loftus.
102. Utah State University – Air Force Nuclear Weapons Center; “Sentinel Integrated Subject Matter Expertise”; \$7,733,757. Principal Investigator, Todd Eppich and Roger Ellis.
103. Utah State University – University of California at Berkeley; “Cross-Scal Investigation of Earths Magnextic Activity Auroral Imager Proposal”; \$7,694,022. Principal Investigator, Gabe Loftus.
104. Utah State University – Lockheed Martin; “Diamondback Change Order”; \$7,569,172. Principal Investigator, Cameron King.
105. Utah State University – Misc Fed Sponsors; “National Defense Space Architecture Experimental Testbed SDA”; \$7,508,495. Principal Investigator, Gavin Payne.
106. Utah State University – Misc Fed Sponsors; “T1DES”; \$6,858,320. Principal Investigator, Gavin Payne.
107. Utah State University – NASA Jet Propulsion Laboratory; “Near Earth Object Surveyor Phase B Part 3”; \$6,499,032. Principal Investigator, Brent Carlsen.
108. Utah State University – Misc Fed Sponsors; “Lando Engineering change Proposal -2”; \$5,689,509 Principal Investigator, Jack Felici.
109. Utah State University – DARPA; “Generating Communication Changes to Operate”; \$5,261,042. Principal Investigator, Matt Cupal and David Brenchley.
110. Utah State University – University of California Berkeley; “Proposal for Filter Wheel and Camera Exploration of Plasma Interactions and Circulation Mission”; \$4,671,409. Principal Investigator, Trent Newswander.
111. Utah State University – The Univeristy of Arizona; “Cryptomaria Explorer Seismometer Electronic Control Box” P; \$3,497,218. Principal Investigator, Gabe Loftus.
112. Utah State University – Missile Defense Agency; “Missile Defense Agency Taks Order 07 Change Proposal”; \$3,296,258. Principal Investigator, Jim Marshall.
113. Utah State University – The University of Arionza; “Compton-Belkovich Assessment by Lander and Traverse Seismometer Electronic Control Box”; \$2,944,829. Principal Investigator, Gabe Loftus.
114. Utah State University – Missile Defense Agency; “Missile Defense Agency Task Order 01 Proposal Statement of Work Update”; \$2,850,949. Principal Investigator, Jack Hines.
115. Utah State University – Missile Defense Agency; “T-09 OPIR Algorithm Development Follow-On Proposal”; \$2,590,973. Principal Investigator, Brent Suerdieck.
116. Utah State University – Missile Defense Agency; “Tactical Electronic Warfare Support”; \$2,450,805. Principal Investigator, Mark Jensen.
117. Utah State University – Air Force Research Laboratory; “Digital Communication Matric Assembly (SNAPET, Task Order 0010)”; \$2,332,922. Principal Investigator, Shawn Nielson.
118. Utah State University – Missile Defense Agency; “Space Systems Command space Sensing Directorate Modeling and Simulation”l; \$2,30,742. Principal Investigator, Brent Suerdieck.
119. Utah State University – Salt Lake City Mosquito Abatement; “STEPPEES Internship in Applied Science”; \$2.407,510. Principal Investigator, Norah Paul Annapurna Rose Saarman.

120. Utah State University – National Institutes of Health; “Determining How Varying Levels of RPE Degeneration Affects MMPs and TIMPs”; \$2,157,296. Principal Investigator, Elizabeth Ann Vargis.
121. Utah State University – Orion Space Solutions; “Ouija Space Weather Probes Phase 1 and 2”; \$3,648,876. Principal Investigator, Charles M Swenson.
122. Utah State University – US National Science Foundation; “ASPIRE P3 Intermountain West Innovation Engine”; \$15,000,000. Principal Investigator, Regan Zane.
123. Utah State University -NASA Jet Propulsion Laboratory; “Near Earth Object Surveyor Long Lead Flight Electronics and Chamber/Calibrator Development”; \$6,438,169. Principal Investigator, Brent Carlsen.
124. Utah State University – Substance Abuse and Mental Health Services Admi; “Enhancing early childhood knowledge and expertise via parent and professional training: Launching flourishing of children through strong parent-child relationships and community supports”; \$4,000,000. Principal Investigator, Vonda Jump.
125. Utah State University – Admistrationfor Community Living; “Rehabilitation Research and Traning Center on Disability in Rural Communities”; \$4,374,912. Principal Investigator, Ty Bracken Aller.
126. Utah Valley University – National Science Foundation; “Improving biology outcomes with mentored research experiences”; \$1,500.000. Principal Investigator, Geoffrey Zahn.
127. Utah Valley University -National Science Foundation; “UVU ME/CIVE S-STEM program’; \$1,500,000. Principal Investigator, Sean Tolman