

January 7, 2010

MEMORANDUM

To: State Board of Regents
From: William A. Sederburg
Subject: General Consent Calendar

The Commissioner recommends approval of the following items on the Regents' General Consent Calendar:

- A. Minutes – Minutes of the Regular Board Meeting held December 11, 2009 at the Regents' Offices in Salt Lake City, Utah
- B. Grant Proposals
1. University of Utah – Defense Advanced Research Projects Agency; "NEMS Ring Oscillators"; \$2,261,351. Massood Tabib-Azar, Principal Investigator.
 2. University of Utah – National Science Foundation; "Symmetry"; \$2,100,000. Thomas Henderson, Principal Investigator.
 3. University of Utah – National Science Foundation; "UCAN"; \$1,578,271. Cynthia Furse, Principal Investigator.
 4. University of Utah – National Science Foundation; "Renewable Energy Storage"; \$2,000,000. Michael Free, Principal Investigator.
 5. University of Utah – National Institutes of Health; "Galanin Therapy for Epilepsy"; \$5,117,069. H. Steve White, Principal Investigator.
 6. University of Utah – National Institutes of Health/National Cancer Institute; "Role of Selenoproteins"; \$1,881,250. Philip Moos, Principal Investigator.
 7. University of Utah – National Institutes of Health; "Small Molecular Scaffolds"; \$1,545,000. Kiberan Balagurunathan, Principal Investigator.
 8. University of Utah – National Institutes of Health; "Dynamics of Large-Scale Domain"; \$1,496,250. Donald K. Blumenthal II, Principal Investigator.

9. University of Utah – National Science Foundation; “Utah EPS Cor”; \$19,974,750. James Ehleringer, Principal Investigator.
10. University of Utah – National Institutes of Health; “Oxidized Purine Lesions in DNA”; \$1,905,094. Cynthia Burrows, Principal Investigator.
11. University of Utah – National Institutes of Health; “Designed Modular Nanoconstruct”; \$1,900,125. Ilya Zharov, PI.
12. University of Utah – National Institutes of Health; “Flagellar Morphogenesis”; \$1,868,750. Kelly T. Hughes, Principal Investigator.
13. University of Utah – National Institutes of Health/National Institute of General Medical Sciences; “Genetic Architecture - DOG”; \$1,496,250. Neil J. Vickers, Principal Investigator.
14. University of Utah – National Institutes of Health/National Institute of Diabetes and Digestive and Kidney Diseases; “Parental Involvement - Diabetes”; \$3,502,782. Cynthia Berg, Principal Investigator.
15. University of Utah – SAIC-Frederick Inc; “ST10-002”; \$2,990,735. Wallace Akerley, Principal Investigator.
16. University of Utah – National Institutes of Health/National Heart Lung and Blood Institute; “SLO2.1”; \$2,500,873. Michael C. Sanguinetti, Principal Investigator.
17. University of Utah – National Institutes of Health/National Heart Lung and Blood Institute; “Ryanodine Receptor Clusters”; \$1,881,250. John H. B. Bridge, Principal Investigator.
18. University of Utah – National Institutes of Health/National Cancer Institute; “APC and Retinoids in Zebrafish”; \$1,505,000. David A. Jones, Principal Investigator.
19. University of Utah – National Institutes of Health/National Heart Lung and Blood Institute; “Late Pre-Term Birth”; \$6,863,442. Robert M. Silver, Principal Investigator.
20. University of Utah – National Institutes of Health/National Center for Research Resources; “Moran C06 Construction Grant”; \$6,107,657. Randall J. Olson, Principal Investigator.
21. University of Utah – National Institutes of Health; “Family History CAD and Non-Inv”; \$3,555,426. Paul N. Hopkins, Principal Investigator.

22. University of Utah – National Institutes of Health; “Inner Ear Development”; \$3,318,653. Gary C. Schoenwolf, Principal Investigator.
23. University of Utah – National Institutes of Health; “Core Vision Research Grant”; \$2,851,467. Robert E. Marc, Principal Investigator.
24. University of Utah – National Institutes of Health/National Heart Lung and Blood Institute; “Prosta-glandin E”; \$2,641,345. Tianxin Yang, Principal Investigator.
25. University of Utah – National Institutes of Health/National Cancer Institute; “Breast Lesions”; \$2,477,986. Glen Morrell, Principal Investigator.
26. University of Utah – National Institutes of Health/National Human Genome Research Institute; “Impact of Prenatal Education”; \$2,320,213. Jeffrey R. Botkin, Principal Investigator.
27. University of Utah – National Institutes of Health; “Health Disparities in N.A. MT”; \$2,245,461. Stephen Alder, Principal Investigator.
28. University of Utah – National Institutes of Health/National Institute of General Medical Sciences; “PAS Kinase in Hepatic Lipid”; \$2,169,065. Jared P. Rutter, Principal Investigator.
29. University of Utah – Duke Clinical Research Institute; “PACTTE”; \$2,143,125. Josef Tomas Prchal, Principal Investigator.
30. University of Utah – Medical College of Georgia; “Endothelin and Sodium Balance”; \$2,036,045. Donald E. Kohan, Principal Investigator.
31. University of Utah – National Institutes of Health; “MRI Temperature Measurement”; \$1,972,313. Dennis L. Parker, Principal Investigator.
32. University of Utah – National Institutes of Health; “TCF3 in Spinal Progenitors”; \$1,881,250. Richard Dorsky, Principal Investigator.
33. University of Utah – National Institutes of Health/National Institute of General Medical Sciences; “Genetic Analysis of YFACT”; \$1,881,250. Timothy Formosa, Principal Investigator.
34. University of Utah – National Institutes of Health; “Iron Regulation of Gene Expres”; \$1,881,250. Elizabeth A. Leibold, Principal Investigator.

35. University of Utah – National Institutes of Health/National Institute on Deafness and Other Communication Disorders; "Hearing Loss"; \$1,881,250. Yong Wang, Principal Investigator.
36. University of Utah – National Institutes of Health; "Photoreceptor Proteins"; \$1,881,250. Yingbin Fu, Principal Investigator.
37. University of Utah – National Institutes of Health; "Endoderm and LR Asymmetry"; \$1,869,687. Yukio Saijoh, Principal Investigator.
38. University of Utah – National Institutes of Health; "DK043526"; \$1,868,750. Donald McClain, Principal Investigator.
39. University of Utah – National Institutes of Health; "NEK2"; \$1,868,750. Zhan Fenghuang, Principal Investigator.
40. University of Utah – National Institutes of Health; "FGF8 During Lung Development"; \$1,868,750. Anne M. Moon, Principal Investigator.
41. University of Utah – National Institutes of Health; "FAI Functional/Morphological"; \$1,838,630. Andrew Edward Anderson, Principal Investigator.
42. University of Utah – National Institutes of Health/National Institute of Child Health and Human Development; "Case Project"; \$1,726,958. Heather Todd Keenan, Principal Investigator.
43. University of Utah – National Institutes of Health/National Institute of Child Health and Human Development; "Chronic Disease Resubmission"; \$1,681,875. Sandra Hasstedt, Principal Investigator.
44. University of Utah – University of Colorado at Denver; "Vitamin D and Clinical Outcome"; \$1,204,000. Alfred K. Cheung, Principal Investigator.
45. University of Utah – National Highway Traffic Safety Administration; "Nemsis Tac"; \$1,200,000. Newell C. Mann, Principal Investigator.
46. University of Utah – National Institutes of Health; "Myalgia and Fatigue Receptors"; \$1,133,130. Alan R. Light, Principal Investigator.
47. University of Utah – National Institutes of Health/National Institute of Allergy and Infectious Diseases; "IGE Mediated Shrimp Allergy"; \$1,000,825. Lori A. Wagner, Principal Investigator.

48. University of Utah – National Institutes of Health; “Electron Microscopy Image”; \$2,398,411. Tolga Tasdizen, Principal Investigator.
49. University of Utah – University of Wisconsin-Madison; “Mapping the Human Brain”; \$1,330,667. Ross T. Whitaker, Principal Investigator.
50. University of Utah – National Science Foundation; “ND-Utah Consortium”; \$2,997,495. Julio Facelli, Principal Investigator.
51. University of Utah – National Institutes of Health/National Institute of Mental Health; “SAME and MDD”; \$1,728,350. Perry Franklin Renshaw, Principal Investigator.
52. Utah State University – National Institutes of Health; “Reprogramming Events Associated with Somatic Cell Nuclear Transfer”; \$1,260,000. Kenneth L. White, Principal Investigator.
53. Utah State University – National Science Foundation; “Contextual Research - Empirical: A Study of Formal Field Science Education”; \$1,434,083. James T. Dorward, Principal Investigator; Kimberly Lott and Gretchen Peacock, Co-Principal Investigators.
54. Utah State University – National Science Foundation; “Collaborative Research: HOTSPOT: The Snake River Scientific Drilling Project”; \$1,400,779. James W. Shervais, Principal Investigator.
55. Utah State University – U.S. Department of Energy; “Thermo-mechanical Properties Measurement at Micro Scale in Irradiated Environment using Piezo Electr”; \$1,215,359. Leila Ladani, Principal Investigator.
56. Utah State University – U.S. Department of Energy; “In Situ Health Monitoring of VHTR Materials and Structures using Remote Acoustic Wave Guides”; \$1,117,359. Leila Ladani, Principal Investigator.
57. Utah State University - National Polar Orbiting Operational Satellite System; “Proposal to Support Cross-track Infra-red Sounder (CRIS) and Advanced Technology Microwave Sounder (ATMS) Pre-launch Instrument Assessment and Environmental Data Record Attainment”; \$1,077,804. Gail Bingham and Chad Fish, Principal Investigators.

C. Grant Awards

1. University of Utah – U.S. Department of Energy; “Geothermal Raft River”; \$3,224,649. Joseph N. Moore, Principal Investigator.

2. University of Utah — U.S. Department of Energy/National Energy Technology Laboratory; "ARRA - Mid-continent Carbon"; \$2,590,177. Brian James McPherson, Principal Investigator.
3. University of Utah – National Institutes of Health/National Institute of Child Health and Human Development; "National Children's Study"; \$9,402,535. Edward B. Clark, Principal Investigator.
4. University of Utah – National Institutes of Health/National Heart Lung and Blood Institute; "Sprint"; \$1,723,230. Alfred K. Cheung, Principal Investigator.
5. University of Utah – National Institutes of Health/National Center for Research Resources; "University of Utah CTSA"; \$1,391,701. Donald McClain, Principal Investigator.
6. University of Utah – National Institutes of Health/National Institute of Child Health and Human Development; "EAGR Trial"; \$1,368,759. Robert M. Silver, Principal Investigator.
7. University of Utah – National Institutes of Health/National Institute of Child Health and Human Development; "CPCCRN"; \$1,200,000. J. Michael Dean, Principal Investigator.
8. University of Utah – National Institutes of Health/National Heart Lung and Blood Institute; "Vascular Access"; \$1,103,993. Alfred K. Cheung, Principal Investigator.
9. Utah State University – National Aeronautics and Space Administration; "Development of the Aerospike Rocket and Thruster"; \$1,226,042. Doran Baker, Principal Investigator; Stephen Whitmore, Co-Principal Investigator.

William A. Sederburg, Commissioner

WAS:jc

Attachment

STATE BOARD OF REGENTS MEETING
REGENTS' OFFICES, SALT LAKE CITY, UTAH
DECEMBER 11, 2009

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 - C. National Center for Voice and Speech
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3. College of Eastern Utah – Program Discontinuances
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 - C. AAS Degree in Computer Networking, Certificate of Completion in Microsoft Engineer
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2. Utah State University – Program Reviews
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 - B. Department of Communicative Disorders and Deaf Education Graduate Program
 - C. Intensive English Language Institute
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3. Weber State University – Minor in Neuroscience

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