



School of
Health Professions

University of Missouri Health System

Annual Research Report

Fiscal Year 2010

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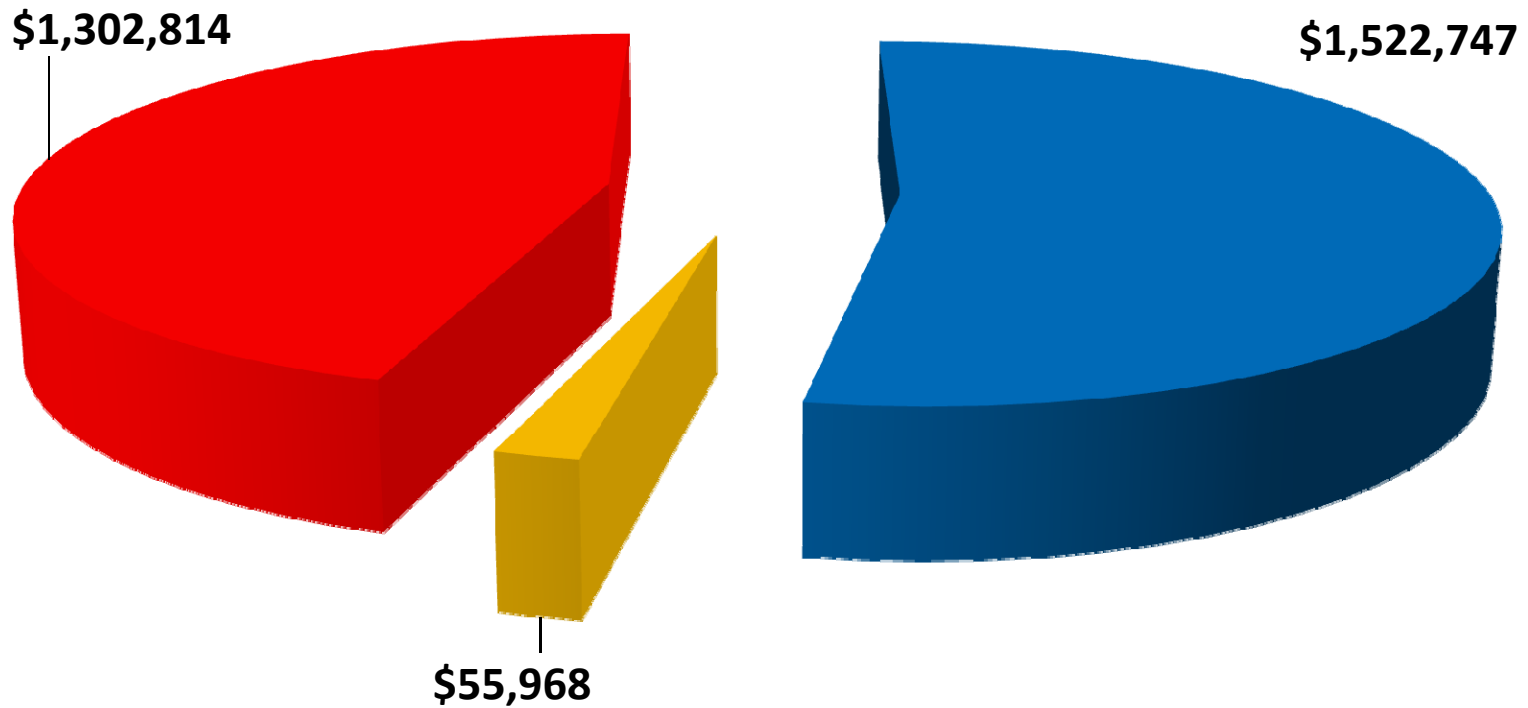
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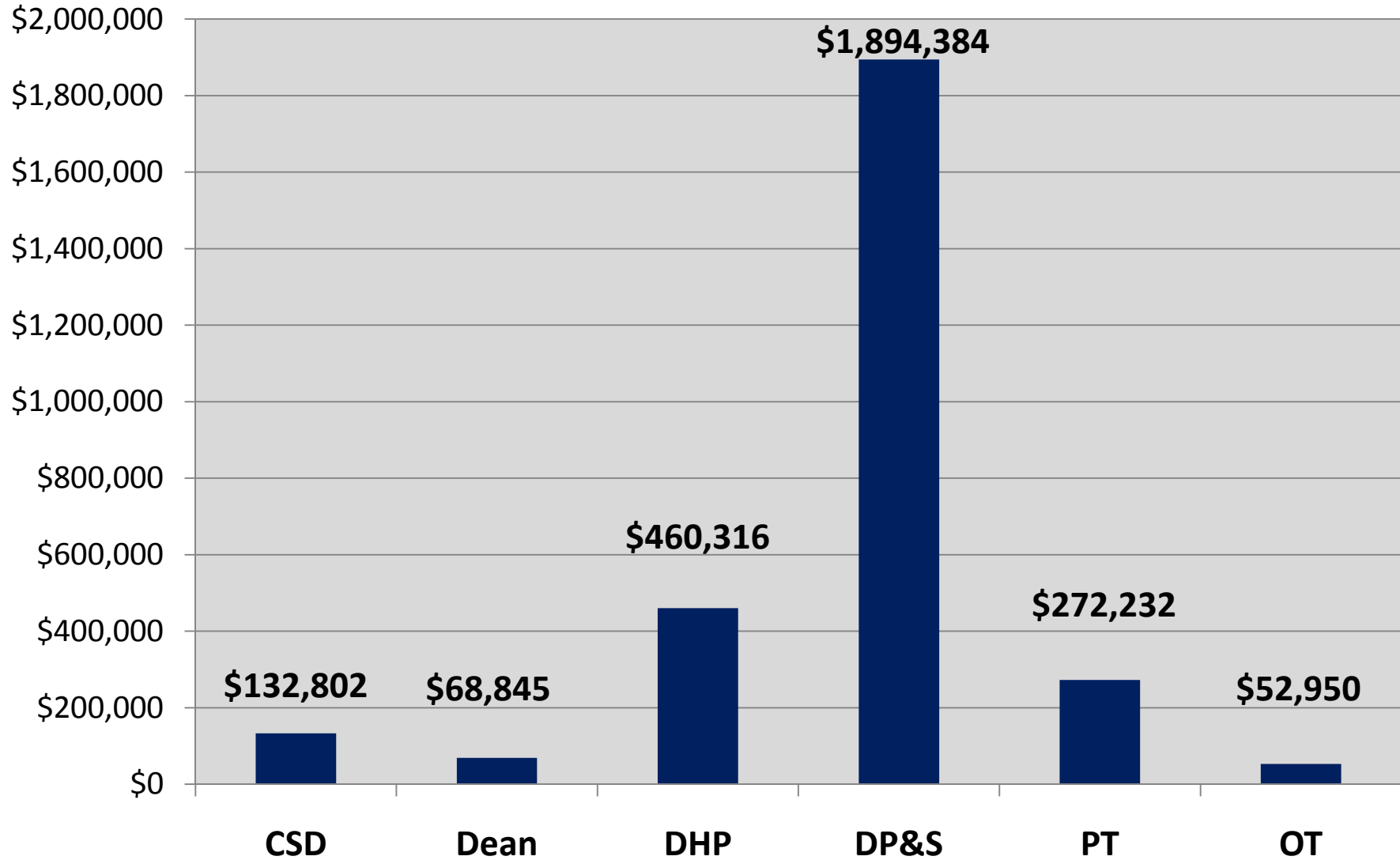
FY 2010 Awards by Project Type



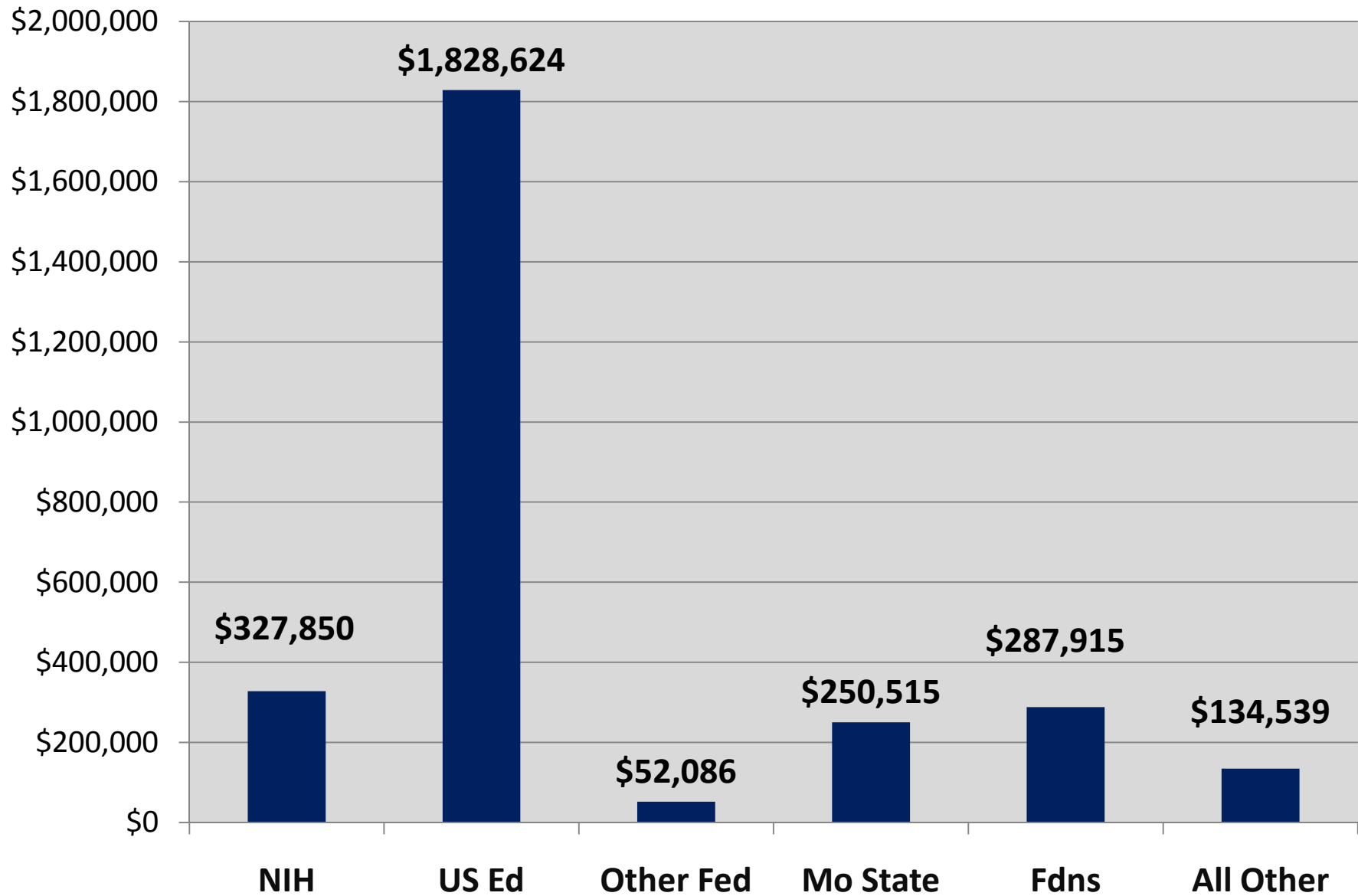
■ Research ■ Instruction ■ Public Service/Other

FY 2010 Awards by Department

(SHP Faculty not Necessarily PI)



FY 2010 Awards by Sponsor



SHP Research Annual Report July 1, 2009 – June 30, 2010

Grant Activities – Proposals Submitted

Communication Science and Disorders

Fagan, Mary

“Attention and Exploration in Infants with Hearing Loss”

National Institutes of Health

Requested \$443,402

“Object Exploration and Vocalization in Deaf Infants before and after Cochlear Implantation”

MU Summer Research Fellowship Program

Requested \$7,000

“Attention and Exploration in Infants with Hearing Loss”

National Institutes of Health

Requested \$443,433

Lever, Teresa

“Development of Swallow Evoked Potentials as a Novel Tool to Investigate Swallowing Function in Healthy Mice”

National Institutes of Health

Requested \$393,148

Radhakrishnan, Nandhu

“Vocal Intensity Control: Parkinson’s Disease Patients and Vocal Performers”

UM Research Board

Requested \$41,927

Wagovich, Stacy

“Attentional Characteristics of Children who Stutter”

MU Summer Research Fellowship Program

Requested \$7,000

Wagovich, Stacy (Cont'd)

“Attentional Characteristics of Children who Stutter”

MU Research Council

Requested \$7,500

Disability Policy & Studies

deJong, James

“Disability and Business Technical Assistance Center-Great Plains ADA Center”

US Department of Education

Requested \$1,100,000

“Disability and Business Technical Assistance Center-Great Plains ADA Center Supplemental Funding”

US Department of Education

Requested \$100,000

Roberts, C. David

“Career Planning Initiative”

Missouri Planning Council for Developmental Disabilities

Requested \$30,000

“Training & Technical Assistance for the Work Incentive Planning and Assistance (WIPA) Program”

Virginia Commonwealth University

Requested \$35,760

“TACE-VR Fee Structure Services”

Missouri Department of Elementary & Secondary Education

Requested \$6,000

Health Psychology

Johnstone, Brick

“A Health Professional Health Literacy Curriculum”

Missouri Foundation for Health

Requested \$287,915

“An MRI/fMRI Study of Selflessness in Persons with Traumatic Brain Injury”

UM Research Board

Requested \$48,422

“Right Parietal Lobe Functioning and Selflessness in TBI: An MRI Study”

UM Research Board

Requested \$46,970

“Predictors of Cognitive, Emotional and Behavioral Health for Former College Athletes”

National Football Foundation

SHP Requested Share \$11,323

[PI: E. Blaine, Dalton Research Center]

Johnstone, Brick; Martin, Thomas

“Electronic Screening, Tracking and Real-time Psychological Intervention for Soldiers with Traumatic Brain Injury”

Department of Defense/ US Army

SHP Requested Share \$293,249

[PI: T. Trull, Psychological Sciences]

Kanne, Stephen

“Developmental Profiles of Children with Autism: Implications for Treatment of Sleep and GI Disorders”

University of Colorado

SHP Requested Share \$2,068

[Submitted through appointment in the Thompson Center]

“Enhancing NDAR: A Prototype for Linking Institutional Autism Databases”

Simons Foundation

SHP Requested Share \$8,719

[PI: J. Farmer, Thompson Center]

Kanne, Stephen (Cont'd)

“Effects of Propranolol on Language, Social Communication & Connectivity in Autism Spectrum Disorders”

National Institutes of Health

SHP Requested Share \$65,509

[PI: D. Beversdorf, Thompson Center]

“Adaption of Multisystemic Therapy for Autism”

UM Research Board

Requested \$50,000

“The Autism Impact Measure: A New Tool to Measure Treatment Outcomes in Autism Spectrum Disorders”

Cure Autism Now/Autism Speaks

Requested \$52,046

“Predictors of Effects of Propranolol on Language & Connectivity in Autism”

Health Resources Service Administration

SHP Requested Amount \$25,781

[PI: D. Beversdorf, Thompson Center]

“Effects of Propranolol on Language, and Functional Connectivity in Autism”

National Institutes of Health

SHP Requested Share \$44,163

[PI: D. Beversdorf, Thompson Center]

Kanne, Stephen; Lowery, LeaAnn; Boyd, Ashleigh; McElroy, Jan; Armstrong, Melissa

“TIPS for Kids”

Health Resources Service Administration

SHP Requested Amount \$84,479

[PI: T. Stroud, School of Medicine]

Reid-Arndt, Stephanie

“Traumatic Brain Injury Implementation Partnership”

Missouri Department of Health & Senior Services

Requested \$50,438

Schopp, Laura

“Enhancing Health & Productivity of Working Families through Employer-Based Information Technologies to Promote Tobacco Cessation”
Missouri Life Sciences Research Board
Requested \$1,296,074

Shigaki, Cheryl

“Electronic-Primary-Care Linked with User Self-Management Support (e-PLUS)”
National Institutes of Health
Requested \$460,289

Shigaki, Cheryl; Abbott, Carmen

“HomeLinkNews Portal to Support Older Adults, Enhance Community Based Care & HIT”
Agency for Healthcare Research and Quality
SHP Requested Share \$196,478
[PI: M. Rantz, School of Nursing]

Occupational Therapy

Iyer, Meena

“Using TMS and MEG to Determine the Dosage and Safety of Direct Current Stimulation”
School of Health Professions Roger S. Williams Fund
Requested \$15,000

“Optimization of Non-Invasive Brain Stimulation Therapy for Stroke Rehabilitation”
US Department of Education
Requested \$199,310

“Creating an Annotated Web-accessible Learning Repository for the School of Health Professions”
UM eLearning Course Development Program
Requested \$46,078

Schatz, Enid

“Older South Africans’ Lives in the HIV/AIDS Era” (Travel Award)
UM South African Education Program
Requested \$4,300

Schatz, Enid (Cont'd)

“Planning Trip to South Africa”
UM Faculty International Travel Grant Program
Requested \$1,500

“Older South Africans’ Lives in the HIV/AIDS Era: Analyzing Pilot Data and Writing of NIH Grant Proposal”
MU Summer Research Fellowship Program
Requested \$7,000

“Older South Africans’ Lives in the HIV/AIDS Era”
MU Research Council
Requested \$7,500

Smith, Diane

“Health Literacy and Health Policy”
Robert Wood Johnson Foundation
Requested \$165,000

“Health Literacy Interventions in Rural Federally Qualified Health Centers (FQHCs)”
National Institutes of Health
Requested \$364,597

“Health Literacy Missouri”
Health Literacy Missouri Foundation
Requested SHP Share \$22,943
[PI: K. Edison, Center for Health Policy]

Physical Therapy

Brown, Marybeth

“Anabolic Roles of Estrogen and Genistein in Atrophic Rat Skeletal Muscle”
National Institutes of Health
Requested \$403,929

“R15 Academic Research Enhancement Project”
National Institutes of Health
SHP Requested Share \$22,533
[PI: L. Phillips, School of Nursing]

Brown, Marybeth (Cont'd)

Mechanotransduction Approach to Improve Bone Quality in Osteogenesis Imperfecta”

National Institutes of Health

[PI: C. Phillips, School of Medicine]

Minor, Marian

“Reducing the Burden of Arthritis and Other Rheumatic Conditions”

Missouri Department of Health and Senior Services

Requested \$46,962

“Chronic Disease Self Management Program”

Missouri Department of Health and Senior Services

Requested \$46,962

Minor, Marian; Schopp, Laura

“ActHealthy! Reducing Diabetes Risk in the Workplace”

Missouri Department of Health and Senior Services

Requested \$51,062

Sayers, Stephen

“Playgrounds without Borders: Evaluating Playground Environmental Interventions among Low-Income Elementary School Children”

Robert Wood Johnson Foundation

SHP Share Requested \$5,125

[PI: J. LeMaster, School of Medicine]

Adult Day Connection

Byergo, Amy

“Learning Forum: A 12-week Adult Education Course Designed to Enrich the Lives of Adult Day Healthcare Program Participants”

Bess Spiva Timmons Foundation

Requested \$4,200

Dean's Office

Brandt, Lea

“Missouri STEP UP Collaborative: State-wide Training and Educational Preparation for Underserved Populations”

US Department of Labor

Requested \$3,877,973

Hagglund, Kristofer

“Clinical & Translational Science Award (CTSA)”

National Institutes of Health

SHP Requested Share \$35,990

[PI: J. Ibdah, School of Medicine]

“Community Health Literacy Outreach Program”

Health Literacy Missouri

SHP Requested Share \$1,781

[Submitted through Graduate School for Public Health Program]

Oliver, Richard

“Missouri Arthritis & Osteoporosis Project (MAOP) Supplement”

Missouri Department of Health and Senior Services

Requested \$65,985

“Missouri Arthritis & Osteoporosis Project (MAOP)”

Missouri Department of Health and Senior Services with ARRA Supplement

Requested \$155,305

“Missouri Arthritis & Osteoporosis Project (MAOP)”

Missouri Department of Health and Senior Services

Requested \$99,010

Oliver, Richard; Byergo, Amy

“Transforming the University of Missouri by Expanding Collaborations and Enhancing Strategic Communications”

National Science Foundation

SHP Requested Share \$75,365

[PI: A. Sobel, Provost Office]

Grant Activities – Awards Finalized

Communication Science and Disorders

Lever, Teresa

“Development of Swallowing Evoked Potentials as a Novel Tool to Investigate Swallowing Function in Healthy Mice”

National Institutes of Health

\$132,802 for period 07/01/2010 - 06/30/2011

Disability Policy and Studies

deJong, James

“Disability and Business Technical Assistance Center”

US Department of Education

\$1,100,000 for period 10/01/2009 – 09/30/2010

Roberts, C. David

“Technical Assistance and Continuing Education (TACE) Center”

US Department of Education

\$728,624 for period 10/01/2009 – 09/30/2010

“Training & Technical Assistance for the Work Incentive Planning and Assistance (WIPA) Program”

Virginia Commonwealth University

\$35,760 for period 08/01/2009 – 10/31/2009

“Career Planning Initiative”

Missouri Planning Council for Developmental Disabilities

\$30,000 for period 08/01/2009 – 09/30/2010

Health Psychology

Johnstone, Brick

“A Health Professional Health Literacy Curriculum”

Missouri Foundation for Health

\$287,915 for period 12/01/2009 - 11/30/2011

“An MRI/fMRI Study of Selflessness in Persons with Traumatic Brain Injury”

MU Research Board

\$46,979 for period 09/01/2010 - 08/31/2011

**Kanne, Stephen; Lowery, LeaAnn; Boyd, Ashleigh; McElroy, Jan;
Armstrong, Melissa**

“TIPS for Kids”

Health Resources Service Administration

SHP Share \$30,968 for period 07/01/2009 – 06/30/2010

[PI: T. Stroud, School of Medicine]

Reid-Arndt, Stephanie

“Traumatic Brain Injury State Partnership Grant Program”

Missouri Department of Health and Senior Services

\$54,270 for period 07/16/2009 – 03/31/2010

“Traumatic Brain Injury State Partnership Grant Program”

Missouri Department of Health and Senior Services

\$50,438 for period 04/01/2010 - 03/31/2011

Shigaki, Cheryl

“Long Term Breast Cancer Treatment Effects: Limb Changes”

National Institutes of Health

SHP Share \$5,201 for period 07/01/2009 – 06/30/2010

[PI: J. Armer, School of Nursing]

Occupational Therapy

Iyer, Meena

“Using TMS and MEG to Determine the Dosage and Safety of Direct Current Stimulation”
School of Health Professions Roger S. Williams Fund
\$15,000 for period 05/01/2010 - 04/30/2011

“Creating an Annotated Web-accessible Learning Repository for the School of Health Professions”
UM eLearning Course Development Program
\$25,000 for period 05/01/2010 - 04/30/2011

Schatz, Enid

“Planning Trip to South Africa”
UM South African Partnerships Program
\$4,300 for period 10/0/2009 - 12/31/2009

“Older South Africans’ Lives in the HIV/AIDS Era” Supplemental Funding
MU Research Council
\$7,500 for period 06/01/2010 - 12/31/2010

Physical Therapy

Abbott, Carmen

“AHRQ Health Services Research Project”
Agency for Healthcare Research and Quality
SHP Share \$15,007 for period 09/30/2009 - 07/31/2010
[PI: M. Rantz, School of Nursing]

“CPS: Active Heterogeneous Sensing for Fall Detection and Fall Risk Assessment”
National Science Foundation
SHP Share \$6,000 for period 09/01/2009 - 08/31/2012
[PI: M. Skubic, Engineering]

Brown, Marybeth

“Estrogen Effects on Atrophic Skeletal Muscle”

National Institutes of Health

\$186,875 for period 09/01/2009 – 08/31/2010

“The Effects of Acute Events on ADL Trajectories of Nursing Home Residents”

National Institutes of Health

SHP Share \$2,972 for period 09/01/2009 – 08/31/2010

[PI: R. Kruse, School of Medicine]

Minor, Marian

“Reducing the Burden of Arthritis and Other Rheumatic Conditions”

Missouri Department of Health and Senior Services

\$46,962 for period 07/01/2009 – 06/30/2010

Dean's Office

Oliver, Richard

“Missouri Arthritis & Osteoporosis Project (MAOP)”

Missouri Department of Health and Senior Services

\$68,845 for period 07/01/2009 – 06/30/2010