

### Awarded Shared Biomedical Research Equipment

<b>FY 2009 Shared Biomedical Research Equipment</b>		
<b>Investigator</b>	<b>Depart/School</b>	<b>Equipment</b>
Paul Cheney	Physiology	State-of-the-art animal procedure room
Harvey Fisher	Biochemistry and Molecular Biology	Olis RSM-1000 rapid-scanning stopped-flow spectrophotometer
Patricia Kluding	Physical Therapy and Rehabilitation	MicroMaxx Doppler Ultrasound
Wen Liu	Physical Therapy and Rehabilitation	Driving Simulator (Model 400)
Robin Maser	Clinical Laboratory Sciences	Cepheid Smartcycler 3200 Real Time PCR System
Christophe Nicot	Pathology	LAS-4000 Chemi Imaging System
Philippe Prochasson	Pathology	Bioruptor XL
Gregory Vanden Heuvel	Anatomy and Cell Biology	NanoDrop 1000 Spectrophotometer
<b>FY 2008 Shared Biomedical Research Equipment</b>		
<b>Investigator</b>	<b>Depart/School</b>	<b>Equipment</b>
Lane Christenson	Molecular and Integrative Physiology	ETTAN/DALT 2-D PAGE System
Winnie Dunn	Occupational Therapy	Video and Audio Digital Technology
Nicole Nollen	Preventive Medicine	Actigraph GT1M System
Soumen Paul	Maternal-Fetal Biology	Nucleofector II Device (AAD-1001S)
John Stanford	Molecular and Integrative Physiology	Digital, Video-Based Rodent Gait Analysis System
Thomas Yankee	Microbiology, Molecular Genetics and Immunology	LAS-4000 (Multi-functional Imaging Analysis System)
Hao Zhu	Clinical Laboratory Sciences	OxyMax Calorimeter System
<b>FY 2007 Shared Biomedical Research Equipment</b>		
<b>Investigator</b>	<b>Depart/School</b>	<b>Equipment</b>
Hao Zhu	Clinical Laboratory Sciences	Vital/View Data Acquisition System Series 4000 on Research Animals
Paul Cheney	Physiology	Vicon motion analysis system
Patrick E Fields	Pathology	Bio-Rad CHEF Mapper XA Chiller System
Jay Vivian	Institute of Maternal-Fetal Biology	Paraffin Histology Workstation
Robert De Lisle	Anatomy & Cell Biology	BioTek Synergy HT Multi-Detection Microplate Reader, Model SIAFR and a Dell OptiPlex GX620 Computer
In-Young Choi	Hoglund Brain Imaging Center	High-energy microwave fixation system
<b>FY 2006 Shared Biomedical Research Equipment</b>		
<b>Investigator</b>	<b>Depart/School</b>	<b>Equipment</b>
V. Gustavo Blanco	Physiology	Synergy HT Multi-detection Microplate Reader
Patrick E Fields	Pathology	Molecular Devices Lmax Microplate Luminometer
Brenda Hanna-Pladdy	Center on Aging	Functional Magnetic Resonance Imaging (fMRI)
Sang-Pil Lee	Hoglund Brain Imaging Center	Magnetic Resonance Imaging and Spectroscopy
Carol Smith	School of Nursing	Watch PAT100 Ambulatory Monitoring System
Darren Wallace	Kidney Institute	Biotech's Focht Laminar Flow Chamber System for Microscopy
<b>FY 2005 Shared Biomedical Research Equipment</b>		
<b>Investigator</b>	<b>Depart/School</b>	<b>Equipment</b>
Margaret Petroff	Anatomy & Cell Biology	Blood Gas System
Curtis Klaassen	Pharmacology, Toxicology & Therapeutics	Bio-Tek Synergy HT Multi-Detection Microplate Reader & Dell OptiPlex GX280 computer
Mehmet Bilgen	Hoglund Brain Imaging Center	MRI volume & surface coils and MRI Pulsed Oximeter
Carol Smith	School of Nursing	LifeShirt Ambulatory Monitoring System & software
Lara Boyd	Physical Therapy	Magstim BiStim2 TMS unit
Dianne Durham	Otolaryngology	3D Color Model Printer
<b>FY 2004 Shared Biomedical Research Equipment</b>		
<b>Investigator</b>	<b>Depart/School</b>	<b>Equipment</b>
Wenhao Xu	Transgenic & Gene-targeting Institutional	2 Vertical Laminar Airflow Workstations
Mehmet Bilgen	Hoglund Brain Imaging Center	Magnetic resonance compatible small animal monitoring
Irina Smirnova	Physical Therapy & Rehabilitation	Small animal calorimeter
Kenneth McCarson/ Peter Smith	MRRRC	Multi-user Rodent Behavioral Test System
Terrence McIlff	Orthopedic Surgery	Mobile Mini C-Arm Fluoroscopic Imaging System
Bryan Copple	Pharmacology	Biosystem Prism 7000
<b>FY 2003 Shared Biomedical Research Equipment</b>		
<b>Investigator</b>	<b>Depart/School</b>	<b>Equipment</b>
Michael Soares	Physiology	Integrated Oxygen/Carbon Dioxide Cell Culture System
David Cue	Microbiology	Combination Absorbance/Fluorescence/Luminescence Microplate Reader
William Brooks	Hoglund Brain Imaging Center	Magnetic Resonance Spectroscopy Data Analysis Computer Workstation
Kari Jo Harris	Preventive Medicine and Public Health	Physiological Measurements
Li Meng	Ob/Gyn	Piezo Impact Micro Manipulator
<b>FY 2002 Shared Biomedical Research Equipment</b>		
<b>Investigator</b>	<b>Depart/School</b>	<b>Equipment</b>
Susan Carlson	Allied Health	Protein Chip Array System
Wenhao Xu	Medicine	Microinjection Workstation for the Transgenic facility
Hongyu Zhang	Medicine	Primate Eye Movement Recording System
Denise Gobert	Allied Health	Vestibular Autorotation Test System
<b>FY 2001 Shared Biomedical Research Equipment</b>		
<b>Investigator</b>	<b>Depart/School</b>	<b>Equipment</b>
Dale Abrahamson	Anatomy	Arcturus PixCell II Laser Capture Microdissection (LCM)
Peter Smith	Physiology / MRRRC	Nikon SMZ-1500 Research Stereo Zoom Microscope

Wen Liu  
Patricia Pohl  
Joseph Tash  
Randy Nudo  
Jeff Radel  
Carol Smith

Physical Therapy Educ  
Physical Therapy Educ  
Physiology  
Physiology / MRRC  
Occupational Therapy  
School of Nursing

OPTOTRAK 3020 Three Dimensional Motion Measurement System  
StepWatch Step Activity Monitor  
Cooled CCD Color Digital Camera  
Laser Doppler Blood Flow Imaging System(Moor Instruments)  
Applied Science Laboratories Eye Tracking System  
Psychomotor Vigilance Task Monitors

**FY 2000 Shared Biomedical Research Equipment**

Investigator	Depart/School	Equipment
Kenneth Peterson	Biochemistry	Qualitative and Quantitative PCR LightCycler System
Daofen Chen	Physical Therapy Educ	Sutter Laser Based Pipette Puller, Model P-2000
Paul Cheney	Physiology	MRI Compatible Stereotaxic Apparatus
Peter Smith	Physiology	Optronics MagnaFire CD Digital Color Camera
George Helmkamp	Biochemistry	Packard Tri-Carb Liquid Scintillation Counter, Model 2900TR
Alan Godwin	Physiology	Floor Model Incubator Shaker
Joseph Tash	Physiology	Kodak Professional 8670 PS Printer & Network Print Queue Server Computer
Janet Pierce	School of Nursing	Fluorescence Spectrophotometer
James Voogt	Physiology	Nikon SMZ-800 Stereo Microscope and Accessories

**FY 1999 Shared Biomedical Research Equipment**

Investigator	Depart/School	Equipment
Dale Abrahamson	Anatomy	Gatan Model 792 Bioscan Camera Package
Jeffrey Reese	Pediatrics	Leica Cryostat, Model CM 1900 <b>(Funded thru the RI)</b>
Jeffrey May	OB/GYN-Wichita	Nuair CO <sub>2</sub> Thermolyne Amplitron Thermal Cycler
Daofen Chen	Physical Therapy Educ	MDI DT-1600 16-Channel Programmable Recorder
Norberto Gonzalez	Physiology	Kodak Motion Corder Analyzer
Joseph Lutkenhaus	Microbiology	Optical Biosensor

**FY 1998 Shared Biomedical Research Equipment**

Investigator	Depart/School	Equipment
Michael Werle	Anatomy	CCD Camera, Imaging Computer & Printer
Bo Wisdom	Biotechnology	DNA Sequencer
Debra Sullivan	Dietetics & Nutrition	Minnesota Nutrient Data System (NDS) Software
John Kinsey	Microbiology	Kodak M35 X-OMAT X-ray/autoradiographic processor
Norberto Gonzalez	Physiology	Oxyspot System (O <sub>2</sub> Sensor)
Leslie Heckert	Physiology	Savant Instruments SS21 SpeedVac System
Michael Wolfe	Physiology	Wallac Berthold LB953AL2 Automatic Luminometer
Bo Rueda	Ob/Gyn-Wichita	LS-50B Upgrade Luminometer
Daofen Chen	Physical Therapy Educ	Multi-Channel Data Acquisition, Processing & Analysis System (MCDAPAS)
Anne Stanco	Physical Therapy Educ	Footswitch Stride Analyzer System

**FY 1997 Shared Biomedical Research Equipment**

Investigator	Depart/School	Equipment
Robert De Lisle	Anatomy	Fluorescence Gel Imager
Hiroaki Serizawa	Biochemistry	Smart System Chromatograph
Deborah Kipp *	Dietetics & Nutrition	Packard Tri-Carb Liquid Scintillation
Herbert Lindsley	Medicine	Fluorescence Plate Reader
Charles DeCarli	Neurology	MR Analysis Workstation
Sue Popkess-Vawter	Nursing	Metabolic Assessment Equipment
John Davis	OB/GYN-Wichita	Digital Gel Analyzer
Joan McDowd	OT Educ	LabLinc-V Psychophysiology System
John Wood	Physiology	Micropoint Laser System
Randolph Nudc	Physiology	Neuronal Imaging System

\* Funded through KUMC Research Institute

**FY 1996 Shared Biomedical Research Equipment**

Investigator	Depart/School	Equipment
Nancy Berman	Anatomy	Lontiphoretic Amplifier
Kim Fechtel	Biochemistry	SiliconGraphics Workstation
Narinder Singh	Biochemistry	NICOMP 370
Satya Yadav	Biotechnology	Proclise E Protein Sequencer
Kuen-Shan Hung	EM Research Lab	Turbo II Evaporator
Janet Pierce	Nursing	Cauterizer (Electrosurgical Unit)
Gregory Reed	Pharmacology	Scanning Fluorometer
Lisa Stehno-Bittel	PT Educ	Electrophysiology Imaging Facility

**FY 1995 Shared Biomedical Research Equipment**

Investigator	Depart/School	Equipment
Michael Werle	Anatomy	Krypton Laser
Kim Fechtel	Biochemistry	GeneAmp In Situ Polymerase Chain Reaction System 1000
Satya P. Yadav	Biotechnology	Automated DNA Sequencer
Tsunee Suzuki	Microbiology	Computing Densitometer System
Rathe Karrer	MRRC	NeuroScan Brain Electrical Activity Workstation
Girish Shah	Physiology	Spectrophotometer
Doren Fredrickson	Prev Med-Wichita	Expired Air Carbon Monoxide Meter
Stephen F. Figoni	PT Educ	MedGraphics Cardio02 Metabolic Measurement System

**FY 1994 Shared Biomedical Research Equipment**

Investigator	Depart/School	Equipment
Hideaki Nagase	Biochemistry	OLIS Stopped-flow System
Satya Yadav	Biotechnology	Freeze Drying System
Jeffrey May	GYN/OB-Wichita	Refrigerated Microcentrifuge
Mark Chertoff	Hearing & Speech	Digital Array Processor
Michael Parmely	Microbiology	PhosphorImager
Eleanor Sullivan	Nursing	Centrifuges and Carts
Michael Soares/Joseph Tash	Physiology	Titanium HPLC System
Chukuka Enwemeka	PT Educ	Instron MTS Model 8511



**FY 1993 Shared Biomedical Research Equipment**

<b>Investigator</b>	<b>Depart/School</b>	<b>Equipment</b>
Mark Fisher	Biochemistry	Microcalorimetric Titration System
Satya Yadav	Biotechnology	Multi-column Oligo Synthesizer, Spectrophotometer
Joe Lutkenhaus	Microbiology	French Pressure Cell and Motor Driven Laboratory Press
Cheryl Cahill	Nursing	Clinton 4500 Mobile Stress Monitor
Janet Pierce	Nursing	Crystal Biotech WT-20mhz Walltracker Module
Carol Smith/Roma Lee Taunton	Nursing	Software Package
Winnie Dunn	OT Educ	Video Analysis Laboratory Equipment
Dianne Durham	Otolaryngology	Ultratome
Paul Cheney/Tom Imig	Physiology	Data Acquisition Hardware and Software

**FY 1992 Shared Biomedical Research Equipment**

<b>Investigator</b>	<b>Depart/School</b>	<b>Equipment</b>
Robert De Lisle	Anatomy	Cryo-Ultramicrotome System
Kim Fechtel	Biochemistry	Molecular Biology Minicomputer System
John Ferraro	Hearing & Speech	Tympanometer/Audiometer
Cheryl Cahill	Nursing	Refrigerated Superspeed Centrifuge
John Davis	OB/GYN-Wichita	Scanning Spectrophotometer

\* Data not available