

Department of Neurosurgery			
Open Awards 2007/2008			
Title of Program	Dates	Sponsor	Program Investigator
The Role of HFE Gene Polymorphisms in Amyotrophic Lateral Sclerosis	1/1/08-12/31/08	Judith & John Pape Adams Charitable Foundation	Connor, James, PhD
Iron and Alzheimer's Disease	1/1/08-12/31/08	Barsumian Trust	Connor, James, PhD
Profiling RLS Brains and Possible Defective Mechanisms-Year 3	6/1/07-5/31/08	Johns Hopkins Univ	Connor, James, PhD
Alzheimer's Research	2/1/06-1/31/07	Greater Harrisburg Foundation	Connor, James, PhD
Nanoporous Polymer Structure-Based Biosensor Array for the Detection of RNA-protein Interactions	8/1/06-8/31/07	Woodward Endowment	Connor, James, PhD
Establish BioMarkers for Restless Legs Syndrome	12/1/06-11/30/07	Glaxo SmithKline	Connor, James, PhD
Pilot Study on Two Carbohydrate Compounds	10/22/07-10/21/08	Luitpod Pharmaceuticals	Connor, James, PhD
Penn State's Center of Excellence for the Study of Restless Legs Syndrome	7/1/07-6/30/08	PA Department of Health	Connor, James, PhD
HFE Polymorphisms in Brain Tumors	8/9/07-6/30/09	HMC Dean's Feasibility	Sang Lee, PhD
Normal Pressure Hydrocephalus (NPH) Registry	3/17/05-3/17/10	Outcome Sciences Site Management	Harbaugh, Robert, MD
Neurosurgery Contract with Wyoming Valley	7/1/05-6/30/10	WVHCS	Harbaugh, Robert, MD
Clinical Exchange Program with the Tianjin Bureau of Public Health in China	8/17/06-8/17/07	Integra Life Sciences	Harbaugh, Robert, MD
Integra Foundation International Neurosurgical Fellowship	7/1/07-6/30/10	Integra Foundation	Harbaugh, Robert, MD
Decision-Making Education with Residents to Improve Patient Safety	7/1/07-6/30/08	Woodward Endowment	Harbaugh, Robert, MD
Assessment of Intracranial Aneurysm Shape as an Indicator of Rupture Disk	8/10/07-7/31/08	Univ of Iowa (sub) REH	Harbaugh, Robert, MD
Treatment of Subarachnoid Hemorrhage with Human Albumin	2/1/07-1/31/08	Baylor University (sub) NIH	Harbaugh, Robert, MD
Dynamics and Control of Neuronal Pattern Formation	8/1/06-7/31/07	NIH-R01	Schiff, Steven, PhD
Dynamics and Control of Neuronal Pattern Formation	8/1/07-7/31/08	NIH-R01	Schiff, Steven, PhD
Mechanisms of Wave Propagation in Neuronal Tissue	9/15/06-8/31/07	George Mason Univ (sub) NIH	Schiff, Steven, PhD
Mechanisms of Wave Propagation in Neuronal Tissue	9/1/07-8/31/08	George Mason Univ (sub) NIH	Schiff, Steven, PhD
Dynamics and Control of Neuronal Pattern Formation	7/2/07-5/31/08	PHS, K02	Schiff, Steven, PhD
Implanting Change: The Ethics of Neural Prosthetics -Conference - August 27-28, 2007	8/27/07-12/31/07	NIH	Schiff, Steven, PhD
CT as a Substitute for MRI in Temporal Lobe Epilepsy Diagnosis in Sub-Saharan Africa	7/1/07-6/30/08	Woodward Endowment	Schiff, Steven, PhD
Electric Field as Novel Neuronal Interface	8/1/06-5/31/08	NIH-R01	Gluckman, Gruce, PhD
Pathologically Balanced State as a Model for Seizures	12/25/06-12/24/07	PHS, F32	Cressman, John, PhD
The Contributory Role that Iron-Sulfur Cluster Proteins Play in RLS	9/1/06-8/31/07	Restless Legs Syndrome Foundation	Patton, Stephanie, PhD
Neurocognitive Prognosis in Survivors of Brain Tumors	9/1/06-8/31/07	NIH	Farace, Elana, PhD
Neurocognitive Prognosis in Survivors of Brain Tumors	9/1/07-8/31/08	NIH	Farace, Elana, PhD
Programmable Valve with Siphon Guard Shunt Placement for NPH	12/27/05-12/26/07	Codman Shurtleff	Farace, Elana, PhD
Prophylactic Treatment of Depression in Malignant Brain Tumor Patients	5/25/06-5/24/08	Social Science Research Institute (Penn State)	Farace, Elana, PhD
Precision and Accuracy Study of the Valve Position Verification (VPV) System	6/15/06-6/14/08	Codman Shurtleff	Farace, Elana, PhD
A Registry for Comparing Catheter-Related Infection Rates Among Various Shunt Systems in the Treatment of Hydrocephalus	8/14/06-8/13/08	Codman Shurtleff	Farace, Elana, PhD
Cognitive Functioning and Quality of Life Following Gamma Knife Surgery for Brain Metastases	9/18/06-9/17/09	Elekta Instrument AB (UVA)	Farace, Elana, PhD
Evaluation of Various MRI Techniques to Detect and Score Scar and Adhesion Formation Following Spinal Surgery	3/24/06-3/23/08	Integra Life Sciences	Reiter, G. Timothy, MD
Study to Compare Balloon Kyphoplasty to Non-Surgical Fracture Management in the Treatment of Vertebral Body Compression	6/2/06-6/1/08	Kyphon, Inc.	Reiter, G. Timothy, MD
Randomized Controlled Trial of a Drug to Minimize Adhesions Following Lumbar Discectomy	11/30/06-11/29/09	Integra Life Sciences	Reiter, G. Timothy, MD
Interventional Management of Stroke (IMS III) Study	6/1/06-5/31/10	Univ of Cinn (sub) NIH	Cockroft, Kevin, MD
Safety and Efficacy of NeuroFlo Technology in Ischemic Stroke SENTIS	7/16/07-7/15/11	CoAxia, Inc.	Cockroft, Kevin, MD
Surgical Trial in Lobar Intracerebral Haemorrhage	12/21/07-12/20/09		Cockroft, Kevin, MD
Gamma Knife Radiosurgery for Aneurysms-Animal Studies	2/1/07-1/31/10	Elekta Instrument AB	McInerney, James, MD
Establishment of Baseline and Comparative Infection Rates for the Codman Device External Ventricular Drainage (EVD)	9/7/07-3/6/10	Codman Shurtleff	Iantosca, Mark, MD
Protocol for Clinical Measurement of Pediatric Positional Plagiocephaly	7/1/07-6/30/08	Woodward Endowment	Dias, Mark, MD
PA Abusive Head Trauma Prevention Program	9/30/07-9/29/08	Centers for Disease Control	Dias, Mark, MD

Shaken Baby Prevention and Awareness Program	7/1/07-6/30/08	PA Department of Health	Dias, Mark, MD
Phase III Randomized Trial of the Role of Whole Brain Radiation Therapy in Addition to Radiosurgery in Patients	1/4/07-1/3/10	Misc General Research-ACOSOG	Sheehan, Jonas, MD