



## National MS Society-Funded Research Projects Focusing on Rehabilitation to Enhance Cognitive Functions For People with MS

### Michael Basso, PhD

University of Tulsa  
Tulsa, Oklahoma

Topic Area: Rehabilitation/Restore

**“A manualized cognitive rehabilitation program for Multiple Sclerosis”** Developing a standardized program to improve memory in people with MS.

Award: Pilot Research Grant

Funding: \$39,873

Term: 2/1/2012-9/30/2016

### Charles Bombardier, PhD

University of Washington  
Seattle, Washington

Topic Area: Rehabilitation/Restore

**“The effect of aerobic exercise on cognition in multiple sclerosis”** Can aerobic exercise improve cognitive impairment in people with MS?

Award: Research Grants

Funding: \$1,466,730

Term: 10/1/2013-9/30/2018

### Nancy Chiaravalloti, PhD

Kessler Foundation Research Center  
West Orange, New Jersey

Topic Area: Rehabilitation/Restore

**“Treating new learning and memory deficits in Progressive MS: the modified Story Memory Technique”** The results may have a significant impact on addressing the troubling symptom of cognitive dysfunction and improving quality of life for people with progressive MS.

*Funded jointly with other Progressive MS Alliance members*

Award: International Progressive MS Alliance

Funding: € 74,976.00

Term: 8/1/2014-7/31/2015

### Nancy Chiaravalloti, PhD

Kessler Foundation Research Center  
West Orange, New Jersey

Topic Area: Rehabilitation/Restore

**“Speed of Processing Training to Improve Cognition in MS: A Randomized Clinical Trial”**  
Can a training program to improve the speed of processing information help people with MS?

Award: Research Grants

Funding: \$748,576

Term: 4/1/2014-3/31/2018

### John DeLuca, PhD

Kessler Foundation Research Center  
West Orange, New Jersey

Topic Area: Rehabilitation/Restore

**“MS Collaborative Network of New Jersey”** What is the connection between cognitive and motor functions in people with MS?

Award: Collaborative Research Center Awards

Funding: \$821,585

Term: 4/1/2014-3/31/2019

**John DeLuca, PhD**

Kessler Foundation Research Center  
West Orange, New Jersey  
Topic Area: Rehabilitation/Restore

Award: Mentor-Based Postdoctoral  
Fellowship Program  
Funding: \$383,965  
Term: 7/1/2012-6/30/2017

**“MS Fellowship in Neuropsychological Rehabilitation”** Training postdoctoral fellows for success in careers dedicated to research in cognitive rehabilitation to improve the lives of people with MS.

**John DeLuca, PhD**

Kessler Foundation Research Center  
West Orange, New Jersey  
Topic Area: Rehabilitation/Restore

Award: Pilot Research Grant  
Funding: \$43,947  
Term: 9/1/2014-8/31/2015

**“Testing the Effects of Methylphenidate on Cognitive Fatigue in MS: a Double-Blind, Placebo-Controlled, Randomized Clinical Trial”** Testing whether a well-known psychostimulant can treat cognitive fatigue in MS.

**Barbara Giesser, MD**

University of California, Los Angeles  
Los Angeles, California  
Topic Area: Rehabilitation/Restore

Award: Research Grants  
Funding: \$560,819  
Term: 11/1/2009-4/30/2015

**“Exercise as a strategy to treat cognitive dysfunction in persons with MS”** Looking at how aerobic exercise may improve mental ability in people with MS.

**Lauren Krupp, MD**

State University of New York at Stony Brook  
Stony Brook, New York  
Topic Area: Rehabilitation/Restore

Award: Research Grants  
Funding: \$628,313  
Term: 4/1/2013-3/31/2016

**“Plasticity-based, adaptive, computerized cognitive remediation treatment (PACR) for adults with Multiple Sclerosis (MS)”** Evaluating a web-based program to help improve memory and learning in people with MS.

**Victoria Leavitt, PhD**

Columbia University (transfer pending)  
New York, New York  
Topic Area: Rehabilitation/Restore

Award: Pilot Research Grant  
Funding: \$44,000  
Term: 11/1/2012-12:00:00 AM

**“A Randomized Controlled Trial of Intellectual Enrichment to Build Cognitive Reserve in Multiple Sclerosis”** Testing whether intellectually enriching activities delivered via an iPad can improve cognitive function and alter brain activity in people with MS.

**Maria Schultheis, PhD**

Drexel University  
Philadelphia, Pennsylvania  
Topic Area: Rehabilitation/Restore

Award: Pilot Research Grant  
Funding: \$40,154  
Term: 9/1/2014-8/31/2015

**“Sleep and Cognition in Relapse-Remitting MS: Directions for Rehabilitation”** Determining the degree to which cognitive function differs between good and poor sleepers in MS.

**Lynne Shinto, MPH, Other**  
Oregon Health & Science University  
Portland, Oregon  
Topic Area: Rehabilitation/Restore

Award: Pilot Research Grant  
Funding: \$44,000  
Term: 4/1/2014-3/31/2015

**“Lipoic Acid and Omega-3 Fatty Acids for Cognitive Impairment in Multiple Sclerosis”** A clinical trial testing the benefits of combining lipoic acid and fatty acid for treating cognitive impairment in 53 people with MS.

**Janet Shucard, PhD**  
The State University of New York at Buffalo  
Buffalo, New York  
Topic Area: Rehabilitation/Restore

Award: Pilot Research Grant  
Funding: \$44,000  
Term: 6/1/2014-5/31/2015

**“Does working memory training improve brain function and cognition in MS?”** Testing a training program for improving cognitive function in MS.

**Jacob Sosnoff, PhD**  
University of Illinois at Urbana-Champaign  
Urbana, Illinois  
Topic Area: Rehabilitation/Restore

Award: Illinois Lottery Pilots  
Funding: \$108,912  
Term: 7/1/2014-6/30/2015

**“Cognitive-motor interference rehabilitation in persons with multiple sclerosis”** Examining whether rehabilitation aimed at performing one or more tasks can enhance functions in people with MS.

*Paid by special funds provided by the Illinois Lottery*

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