

Javier Cárdenas
500 W. Thomas Rd. suite 400
Phoenix, Arizona 85013
(602) 406-3810
Javier.cardenas@chw.edu

Education

M.D., University of Arizona College of Medicine,
2000-2004
Tucson, Arizona
B.A., Arizona State University, 1996-1999
Tempe, Arizona
Special Education, *Magna Cum Laude*
University of Arizona, 1994-1996
Tucson, Arizona

Postgraduate Training

Pediatric Neurology Fellow, Barrow Neurological Institute,
St. Joseph's Hospital and Medical Center, Phoenix, AZ
2006 – 2009
Pediatric Resident, Children's Health Center, St. Joseph's
Hospital and Medical Center, Phoenix, AZ 2004-2006

Honors & Awards

The Arizona Neurological Society Award for outstanding
poster presentation, 2007
The M. Caroline Duncan Award, The Southern Pediatric
Neurology Society 32nd annual meeting, 2007
The Walt Vikram Troester Memorial Scholarship, for
exemplary compassion in the care of neonates, St.
Joseph's Hospital and Medical Center, 2006
Outstanding Resident Teacher of the Year, The
Children's Health Center, St. Joseph's Hospital and
Medical Center, 2006
Pediatric Intern of the Year, The Children's Health
Center, St. Joseph's Hospital and Medical Center,
2005
Exemplary Student Researcher, The Translational
Genomics Research Institute, 2003
Magna Cum Laude, Arizona State University, 1999
College of Education Dean's List, Arizona State
University 1996-1999
City of Tempe Kid Zone: Kid Zone Site of the Month
October, 1998
College of Liberal Arts and Sciences Dean's List,
University of Arizona 1994-1996

Research Experience

TGen, The Translational Genomics Research Institute.

Research intern, August 2003, January-March 2004.

Assisted in locating a previously unmapped fatal genetic disease found in Amish infants. Contributed to the discovery of dominant and recessive gene alleles in ALS. Pursued the genetic origins of Autism under the guidance of Dietrich Stephan, Ph.D., Director, Neurogenomics program

Arizona State University, Department of Biology.

Research assistant, summer 1999. Investigated behavioral and physiologic characteristics of Africanized honey bees under the guidance of Jennifer Fewell, Ph.D., associate professor of Biology, and John Harrison, Ph.D., professor of Biology

Publications

Cardenas J, Bodensteiner J. "Osmotic demyelination syndrome as a consequence of treating hyperammonemia in a patient with ornithine transcarbamylase deficiency." *J Child Neurol* 2009 July.

Chapman K, Cardenas JF. *Semin Pediatr Neurol*.

"Hemimegalencephaly in a patient with a neurocutaneous syndrome." 2008 Dec;15(4):190-3.

Puffenberger, et al. "A high-density SNP genome scan identifies TSPYL loss-of function as causative of Swarey syndrome." *Proceedings of the National Academy of Sciences*. June 2004.

Presentations

"Hypothermia for the Treatment of Traumatic Brain Injury." *Pediatric Neuroscience Grand Rounds*. St. Joseph's Hospital and Medical Center. Phoenix, AZ. February, 2009.

"Second Impact Syndrome: Fact or Fiction?" *Pediatric Neuroscience Grand Rounds*. St. Joseph's Hospital and Medical Center. Phoenix, AZ. December 2008.

"Strategies for the Prevention of Traumatic Brain Injury." *The 13th Annual Barrow Pediatric Neuroscience Symposium*. Barrow Neurological Institute. Phoenix, AZ. November 2008.

"Traumatic Brain Injury in Children." *Pediatrics Grand Rounds*. St. Joseph's Hospital and Medical Center.

Phoenix, AZ. March 2008.

"Toxic Leukoencephalopathy After Heroin Inhalation (Chasing the Dragon)." Southern Pediatric Society Annual Meeting. New Orleans, LA. March 2008.

"Lamotrigine-induced Severe Hyperactivity and Behavioral Exacerbation." March 2007. Southern Pediatric Neurology Society Annual Meeting. New Orleans, LA

"Embryology of the Central Nervous System." May 2007. General Pediatrics Noon Conference. Saint Joseph's Hospital and Medical Center. Phoenix, AZ

"Evaluation of Developmental Delay." December 2007 General Pediatrics Noon Conference. Saint Joseph's Hospital and Medical Center. Phoenix, AZ

Case Presentation: "Mitochondrial Encephalomyopathy, Lactic Acidosis with Stroke-Like Episodes (MELAS)." February 2007. Barrow Neurological Institute. Saint Joseph's Hospital and Medical Center. Phoenix, AZ

Case Presentation: "Wernicke Encephalopathy." May 2007 Barrow Neurological Institute. Saint Joseph's Hospital and Medical Center. Phoenix, AZ

Poster Presentation: "Toxic Leukoencephalopathy After Heroin Inhalation: Pathognomonic Images From Five Cases of Chasing the Dragon." Nov 2008. Child Neurology Society Meeting. Santa Clara, CA

Poster Presentation: "Sydenham's Chorea as a Presentation of Moya Moya Disease." July 2008. Arizona Neurological Society Summer Meeting. Sedona, AZ

Poster Presentation: "Chasing the Dragon Will Get You Burned: Three Cases of Toxic Leukoencephalopathy after Heroin Inhalation." July 2007. Arizona Neurological Society Summer Meeting. Sedona, AZ

Poster Presentation: "Reversible Lamotrigine-induced Neurobehavioral Activation in Epileptic Children." October 2007. Child Neurology Society Annual Meeting. Quebec City, Quebec. Canada.

Certifications

Pediatric Advanced Life Support 2004, 2007
Special Education: Grades K-12, Learning Disabilities, Mental Retardation, issued August 1999, expired July 2004.

Licensure

USMLE Step III, April 2006; pass

USMLE Step II, July 2003: pass
USMLE Step I, June 2002: pass

Professional Organizations

American Medical Student Association
American Academy of Pediatrics
American Academy of Neurology
Child Neurology Society
Arizona Neurological Society

Employment

Child Neurologist, Barrow Neurological Institute, Phoenix, AZ 2009-present
Special Education Teacher, Science and English for students with learning disabilities, Tolleson Union High School, Tolleson, AZ 1999-2000.
Summer School Math Teacher, Arizona State University, Tempe, AZ June 1998-July 1998.
Program Manager, City of Tempe Kid Zone, Tempe, AZ 1996-1998
Assisted Living Provider, Chandler-Gilbert Association for Retarded Citizens, Chandler, AZ 1996-1997

Languages

Spanish- proficient written and spoken

Advocacy

Palatucci Advocacy Leadership Forum. American Academy of Neurology. 2008, 2009 (advisor)

Appointments

Arizona State Governor's Advisory Council on Spinal and Head Injuries 2008-present

Volunteer Activities

Muscular Dystrophy Association
Camp Medical Staff, June 2008
Special Olympics of Arizona
Physical Examiner to underprivileged athletes, September, 2003, 2004, 2005, 2006, 2007, 2008
Head Coach (basketball, bowling, track and field), Tolleson Union High School, Tolleson, AZ 1999-2000
Assistant Coach (basketball, bowling, track and field), Chandler High School, Chandler, AZ 1994-1999

Career Day, Emermann Elementary School, Preschool
classes, Phoenix, AZ April 2006

Best Buddies, mentor to a child with developmental
disabilities, Tucson, AZ 1994-1995

Peer facilitator, assisted in the education of a disabled peer,
Chandler High School, Chandler, AZ 1993-1994