

Joseph J. Shen, M.D., Ph.D.

Philosophy of Care

I believe in providing comprehensive genetics care for an individual (and the entire family) with a suspected genetic disease. It starts with a thorough exam and gathering of clinical details, then coordinating testing, to determine if there could be an identifiable genetic change. If a genetic disease or syndrome is found, further care is provided with discussions of the next steps in the clinical management and what the future may be like. In addition, for the individual and the extended family, discussions will also extend to the psychosocial impacts of this disease, recurrence risks, and if relatives could have related medical concerns as well.

Clinical Interests

Dr. Shen is a clinical geneticist offering care to individuals with neurodevelopmental disorders, congenital anomalies, family history of genetic conditions, and many other diseases and syndromes with underlying genetic etiologies.

Research/Academic Interests

Dr. Shen's research and academic interests center around the molecular basis of various genetic diseases, the genetics care of underserved populations, and many other general clinical genetics topics. He will be using model and experimental systems to study uncharacterized neurodevelopmental and seizure disorders.

Title Associate Professor

Specialty Clinical Genetics

Department [Pediatrics](#)

Division Genomic Medicine

Center/Program Affiliation [UC Davis Children's Hospital](#)

[UC Davis MIND Institute](#)

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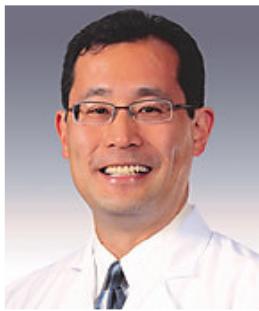
Education M.D., Case Western Reserve University, Cleveland OH 1999

Ph.D., Human Genetics, Case Western Reserve University, Cleveland OH 1999

B.S., UC Berkeley, Berkeley CA 1991

Internships Pediatrics, Baylor College of Medicine, Houston TX 1999-2000

Residency Pediatrics, Baylor College of Medicine, Houston TX 2000-2002



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Fellowships Human Genetics, Baylor College of Medicine, Houston TX 2002-2005

Board Certifications American Board of Medical Genetics and Genomics, Clinical Genetics
American Board of Pediatrics

Professional Memberships American College of Medical Genetics and Genomics
American Society of Human Genetics

Select Recent Publications To view a detailed list of Dr. Shen's publications, please click [here](#).

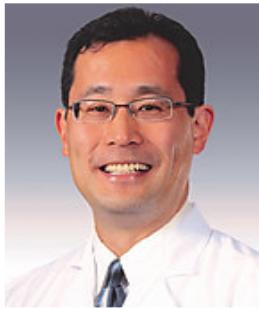
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Impairs Clathrin-Mediated Endocytosis and Causes Developmental and Epileptic Encephalopathy.
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Shen JJ, Carmichael J, Santos LV. Identifying and Addressing Genetic Counseling Challenges among Indigenous People of Oaxaca-One Center's Experience with Two Immigrant Farmworker Families in the Central Valley of California. *J Genet Couns*. 2018;27(4): 996–1004. Published online 2018 Feb 3. doi:10.1007/s10897-018-0221-0. PMID:29397479.

Mundy SA, Krock BL, Mao R, Shen JJ. BRAT1-related disease--identification of a patient without early lethality. *Am J Med Genet A*. 2016 Mar;170(3):699-702. doi:10.1002/ajmg.a.37434. Epub 2015 Oct 22. PMID:26494257.

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