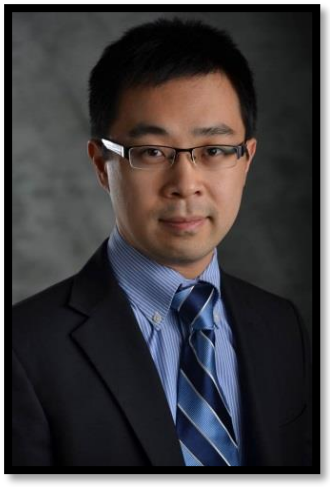
Children's National
Rare Disease Institute

Meet Our Team: Genetics Faculty



Dr. Nicholas Ah Mew: Dr. Ah Mew completed his medical genetics training at McGill University in Montreal, Canada. He then completed the clinical biochemical genetics program at the NIH - National Human Genome Research Institute in Bethesda, Maryland. He then joined Children's National Health System (CNHS) as faculty in 2011. He is the director of the inherited metabolic disorders program, and the metabolic liver transplant program at CNHS. His clinical and research interests focus on urea cycle disorders. He is the site principal investigator for the Urea Cycle Disorders Consortium (UCDC) at Children's National Hospital and is principal investigator of several of its projects. He is a proud owner of a complete anthology of works by his favorite author, Roger Zelazny.

Dr. Seth Berger: Dr. Berger returned to Children's National Medical Center as faculty in 2018. He completed the Medical Scientist Training Program at Mount Sinai School of Medicine in New York where he was awarded his M.D. and Ph.D. degrees. His research at that time focused on computational analysis of signaling networks applied to prediction of adverse drug events and cardiac arrhythmia syndromes. He subsequently completed the combined Pediatrics and Medical Genetics Residency Program through Children's National Medical Center and the National Human Genome Research Institute at the National Institutes of Health. He spent an additional year completing the Medical Biochemical Genetics fellowship program at the NIH before returning to Children's National where he is jointly hired by the Rare Disease Institute and the Center for Genetic Medicine Research. He is interested in developing novel bioinformatics approaches applied to variant discovery for rare diseases. Fun facts about Dr. Berger are that he can juggle and make balloon animals.

Dr. Kimberly Chapman: Dr. Chapman completed her medical genetics training at the Children's Hospital of Philadelphia and joined Children's National Health System (CNHS) in 2010. She is the director of the secondary mitochondrial disorders clinic at CNHS. Her clinical interests focus on mitochondrial diseases, metabolic disorders, and cardio-genetic diseases. Her research interests are several metabolic pathways and protein complexes within them. Dr. Chapman enjoys Master's swimming, knitting scarves and reading fiction.

Dr. Jamie Fraser: Dr. Fraser completed her medical genetics training at the National Institutes of Health and the Children's National Medical Center and joined Children's National Health System (CNHS) in 2016. She is the director of the Myelin Disorders clinic and the Fetal Genetics Program at CNHS. Her clinical interests include fetal genetics and inborn errors of metabolism. Her research interests are neurometabolic disorders and neuroprotection. Her hobbies include baking, cooking, crocheting, reading and gardening.

Dr. Christina Grant: Dr. Grant completed her Medical Genetics and Medical Biochemical Genetics training at NIH- National Human Genome Research Institute in Bethesda, Maryland and joined Children' National Health System (CNHS) in 2018. Her clinical and research interests focus on large molecule storage disorders especially lysosomal storage diseases. She currently serves as the co-director for the Lysosomal Storage Disease program. Her personal interests include Irish dancing.

Dr. Eyby Leon Janampa: Dr. Leon finished her medical genetics training at the University of Utah in 2011 and joined Children's National Health System in the same year. Dr. Leon's clinical interests focus on dysmorphology and multidisciplinary care of rare disorders. She has several publications expanding the phenotype of different rare disorders and describing novel genetic variants and syndromes discovered in her clinic. She is founding member of the Disorders of Sex Differentiation, Turner syndrome, and Cardiac Arrhythmia multidisciplinary clinics. Her expertise has also been invaluable for the care of children from underserved population. She has orchestrated and been involved with multiple family meetings for the Spanish speaking community. During her free time she likes to hike and bike around DC. She enjoys practicing yoga and Muay Thai specially after being on-call.

Dr. Amy Feldman Lewanda: Dr. Lewanda joined Children's National Health System (CNHS) as a faculty member in 1994 after finishing her medical genetics training at Johns Hopkins Hospital in the same year. She has served as a faculty member in medical genetics in the Inova health system. Dr. Lewanda is the co-director of the Down Syndrome Clinic. Dr. Lewanda's research focuses on health outcomes for patients with Down Syndrome, and pediatric to adult transitions for genetics patients. Her clinical interests center around Craniofacial genetics and craniosynostosis. Dr. Lewanda's personal hobbies include hiking, antiques and reading.

Dr. Erin MacLeod: Dr. MacLeod completed her doctoral training at the University of Wisconsin in 2010 where her dissertation focused on the nutritional management of phenylketonuria. She joined Children's National Health System that same year and is the director of metabolic nutrition. Her research interests include nutrition education of metabolic disorders, PKU and urea cycle disorders. Her hobbies include cooking, camping, hiking, being on the water, traveling, knitting and gardening.

Dr. Debra Regier: Dr. Regier joined Children's National in 2015. She earned a PhD in Biochemistry from Wake Forest University in 2000, performed a postdoctoral fellowship in cancer genetics, and completed medical school at the University of Utah in 2009. She completed her medical genetics training and medical biochemical fellowship at the NIH. Dr. Regier is the Medical Genetics Program Director, director of genetics education, head of the Palliative Genetics clinic, care for patients with metabolic disorders, and serves as the PI for the Rare Disease Scholar's Program. In her free time, she enjoys all types of crafting and creating

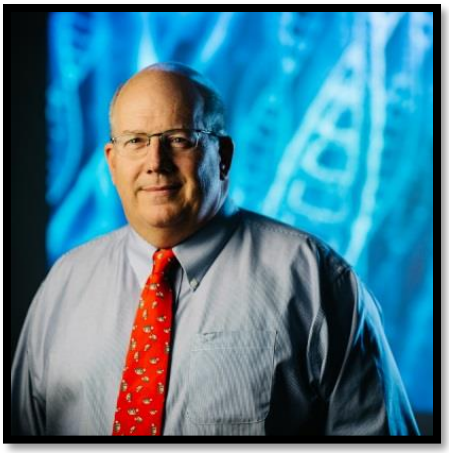
Dr. Kenneth Rosenbaum: Dr. Rosenbaum started with Children's National Health System in 1971 followed by a Genetics fellowship at Johns Hopkins University. He founded the Department of Medical Genetics at Children's in 1977. Dr. Rosenbaum has consistently been voted the top physician at Children's National Health System over the past 10 years. His interests include identification of dysmorphic syndromes and prenatal diagnosis in addition to Down Syndrome and neurofibromatosis. Dr. Rosenbaum has overseen dysmorphic research projects at the NIH, in Egypt, and here at Children's National. Dr. Rosenbaum is the co-director of the Down Syndrome Clinic and the NF clinic. In his downtime, he enjoys spending time at his home in Delaware.

Dr. Tamanna Roshan Lal: Dr. Roshan Lal completed her medical genetics training at the Johns Hopkins School of Medicine as well National Institutes of Health (NIH) in 2018. She joined Children's National Health System (CNHS) in 2018. Her clinical interests focus on lysosomal storage diseases. Her research interests are also focused on lysosomal storage diseases. She currently serves as the co-director for the Lysosomal Storage Disease program. Her hobbies include traveling, attempting to cook exotic cuisines and boxing as a form of exercise.

Allison Shaw PNP: Alli joined Children's National Health System in 2020 after completing her nurse practitioner training at Yale University. Alli is the associate director of the newborn screening program at CNHS, which spans the tri-state area. Alli enjoys exploring D.C. restaurants with her sidekick rescue dog, Stella.

Dr. Natasha Shur: Dr. Natasha Shur completed her medical genetics training at Montefiore Medical Center. Previously, she worked at Brown University/ Rhode Island Hospital and then as a Division Head in genetics at Albany Medical Center. She joined Children's National Health System (CNHS) three years ago. She leads telemedicine efforts for the Division and focuses on innovations in clinical care models. Her research has included new treatments for Nieman-Pick type C and PKU. She is also one of two geneticist members serving in the Ray Helfer Society for child protection and does work in child advocacy. In her spare time, she loves hiking, ping pong, and jumping around with my dogs and children (not in a particular order) J And I think that I have the best job in the world with the best people, which makes it seem like another hobby.

Danielle Starin: Danielle completed her nutrition education at the University of Maryland and her dietetic internship at the National Institutes of Health. She joined Children's National Health System department of Genetics/Rare Disease Institute in 2016. Her clinical interests focus on metabolic disorders. Her research interests focus on dietary treatment of metabolic disorders and associated outcomes.



Dr. Marshall Summar: Dr. Summar is well-known for his pioneering work in caring for children diagnosed with rare diseases. He joined Children's National in 2010 from Vanderbilt University. At Children's National he leads the Division of Genetics and Metabolism, currently the largest known clinical division seeing over 8000 patients a year with rare diseases. Dr. Summar's laboratory works on both devices and treatments for patients with genetic diseases and adapting knowledge from rare diseases to mainstream medicine. His work has resulted in new drugs in FDA trials for patients with congenital heart disease. His laboratory is best known for its work in the rare diseases affecting nitrogen and ammonia metabolism. Dr. Summar has also organized and led a large number of international work groups to develop standards of care and treatment for rare diseases resulting in significant improvements in outcomes. He has been listed with Best Doctor's in America since 2004. He is the Board Chairman for the National Organization for Rare Disorders. He is very active in newborn screening issues and national healthcare policy. He has developed and launched at Children's the world's first Rare Disease Institute. This RDI focuses on developing the clinical care field of the over 7000 rare diseases currently recognized. The RDI is the first Clinical Center of Excellence designated by NORD and focuses on building best clinical practices and diagnostic pathways. Dr. Summar is a true space program enthusiast and avid hiker.