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CLINICAL FOCUS

- Clinical Cytogenetics
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ACADEMIC APPOINTMENTS

- Clinical Professor, Pathology
- Clinical Professor, Pediatrics - Medical Genetics

PROFESSIONAL EDUCATION

- Residency: Stanford University Division of Medical Genetics (2002) CA
- Fellowship: Stanford University Pathology Fellowships (2003) CA
- Residency: Phoenix Children's Hospital Pediatric Residency (2000) AZ
- Internship: Phoenix Children's Hospital Pediatric Residency (1998) AZ
- Board Certification: Clinical Cytogenetics, American Board of Medical Genetics and Genomics (2005)
- Board Certification: Clinical Genetics, American Board of Medical Genetics and Genomics (2002)
- Board Certification: Pediatrics, American Board of Pediatrics (2000)
- Medical Education: Eastern VA Medical School (1997) VA

Publications

PUBLICATIONS

- **Author Correction: Large-scale targeted sequencing identifies risk genes for neurodevelopmental disorders.** *Nature communications*

  Wang, T., Hoekzema, K., Vecchio, D., Wu, H., Sulovari, A., Coe, B. P., Gillentine, M. A., Wilfert, A. B., Perez-Jurado, L. A., Kvarnung, M., Sleyp, Y., Earl, R. K., Rosenfeld, et al

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  Manning, M., Hudgins, L., American College of Medical Genetics and Genomics (ACMG) Professional Practice and Guidelines Committee

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- **Large-scale targeted sequencing identifies risk genes for neurodevelopmental disorders.** *Nature communications*

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- **Fetal Alcohol Spectrum Disorders in a Pacific Southwest City: Maternal and Child Characteristics.** *Alcoholism, clinical and experimental research*

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  2019

- **Xq22 deletions and correlation with distinct neurological disease traits in females: further evidence for a contiguous gene syndrome.** *Human mutation*

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- **Prevalence of Fetal Alcohol Spectrum Disorders in 4 US Communities** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
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- **Neonatal pulmonary arterial hypertension and Noonan syndrome: two fatal cases with a specific RAF1 mutation.** *American journal of medical genetics. Part A*
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- **A South African Mixed Race Lip/Philtrum Guide for Diagnosis of Fetal Alcohol Spectrum Disorders** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*
  Hoyme, H. E., Hoyme, D. B., Elliott, A. J., Blankenship, J., Kalberg, W. O., Buckley, D., Abdul-Rahman, O., Adam, M. P., Robinson, L. K., Manning, M., Bezuidenhout, H., Jones, K. L., May, et al

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- **RTTN Mutations Cause Primary Microcephaly and Primordial Dwarfism in Humans.** *American journal of human genetics*

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