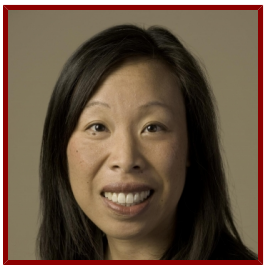
Stanford



Andrea Hanson-Kahn

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

Bio

ACADEMIC APPOINTMENTS

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

PROFESSIONAL EDUCATION

- BA, University of California, Berkeley , Molecular Cell Biology (1996)
- MS, University of California, Irvine , Genetic Counseling (2000)

Teaching

COURSES

2023-24

- A Case Based Approach to Clinical Genetics: GENE 274A (Win)
- A Case Based Approach to Clinical Genetics: GENE 274B (Spr)
- Genetic Counseling Fieldwork: GENE 276 (Aut, Win, Spr, Sum)
- Human Molecular Genetics: GENE 271 (Aut)
- Introduction to Clinical Genetics Testing: GENE 273 (Aut)

2022-23

- A Case Based Approach to Clinical Genetics: GENE 274A (Win)
- A Case Based Approach to Clinical Genetics: GENE 274B (Spr)
- Genetic Counseling Fieldwork: GENE 276 (Aut, Win, Spr, Sum)
- Human Molecular Genetics: GENE 271 (Aut)
- Introduction to Clinical Genetics Testing: GENE 273 (Aut)

2021-22

- A Case Based Approach to Clinical Genetics: CHPR 274A (Win)
- A Case Based Approach to Clinical Genetics: CHPR 274B (Spr)
- A Case Based Approach to Clinical Genetics: GENE 274A (Win)
- A Case Based Approach to Clinical Genetics: GENE 274B (Spr)
- Genetic Counseling Fieldwork: GENE 276 (Aut, Win, Spr, Sum)

- Human Molecular Genetics: CHPR 271, GENE 271 (Aut)
- Introduction to Clinical Genetics Testing: GENE 273 (Aut)
- Role Play and Genetic Counseling Observations: GENE 275 (Aut)

2020-21

- A Case Based Approach to Clinical Genetics: CHPR 274A (Win)
- A Case Based Approach to Clinical Genetics: CHPR 274B (Spr)
- A Case Based Approach to Clinical Genetics: GENE 274A (Win)
- A Case Based Approach to Clinical Genetics: GENE 274B (Spr)
- Genetic Counseling Fieldwork: GENE 276 (Aut, Win, Spr)
- Human Molecular Genetics: CHPR 271, GENE 271 (Aut)
- Introduction to Clinical Genetics Testing: GENE 273 (Aut)

STANFORD ADVISEES

Master's Program Advisor

Lizzy Chandler, Evan Lewis, Mattie Monroe, Michelle Nguyen, Juliana Rodegheri Brito, Abbey Roth, Rebecca Schapiro, Candice Shi

Publications

PUBLICATIONS

- **Xq22 deletions and correlation with distinct neurological disease traits in females: further evidence for a contiguous gene syndrome.** *Human mutation*
  Hijazi, H., Coelho, F. S., Gonzaga-Jauregui, C., Bernardini, L., Mar, S. S., Manning, M. A., Hanson-Kahn, A., Naidu, S., Srivastava, S., Lee, J. A., Jones, J. R., Friez, M. J., Alberico, et al
  2019
- **Understanding variants of uncertain significance in the era of multigene panels: Through the eyes of the patient** *JOURNAL OF GENETIC COUNSELING*
  Reuter, C., Chun, N., Pariani, M., Hanson-Kahn, A.
  2019; 28 (4): 878–86
- **Use of genetic risks in pediatric organ transplantation listing decisions: A national survey** *PEDIATRIC TRANSPLANTATION*
  Graf, M., Char, D., Hanson-Kahn, A., Magnus, D.
  2019; 23 (4)
- **Use of genetic risks in pediatric organ transplantation listing decisions: A national survey.** *Pediatric transplantation*
  Graf, M., Char, D., Hanson-Kahn, A., Magnus, D.
  2019: e13402
- **Developing a genomics rotation: Practical training around variant interpretation for genetic counseling students** *JOURNAL OF GENETIC COUNSELING*
  Grove, M. E., White, S., Fisk, D. G., Rego, S., Dagan-Rosenfeld, O., Kohler, J. N., Reuter, C. M., Bonner, D., Wheeler, M. T., Bernstein, J. A., Ormond, K. E., Hanson-Kahn, A. K., Undiagnosed Dis Network
  2019; 28 (2): 466–76
- **Developing a genomics rotation: Practical training around variant interpretation for genetic counseling students.** *Journal of genetic counseling*
  Grove, M. E., White, S. n., Fisk, D. G., Rego, S. n., Dagan-Rosenfeld, O. n., Kohler, J. N., Reuter, C. M., Bonner, D. n., Wheeler, M. T., Bernstein, J. A., Ormond, K. E., Hanson-Kahn, A. K.
  2019
- **Positive Attitudes and Therapeutic Misconception Around Hypothetical Clinical Trial Participation in the Huntington's Disease Community.** *Journal of Huntington's disease*
  Cotter, K. n., Siskind, C. n., Sha, S. n., Hanson-Kahn, A. n.
  2019
- **Understanding variants of uncertain significance in the era of multigene panels: Through the eyes of the patient.** *Journal of genetic counseling*

Reuter, C. n., Chun, N. n., Pariani, M. n., Hanson-Kahn, A. n.
2019

- **Autosomal recessive Stickler syndrome resulting from a COL9A3 mutation.** *American journal of medical genetics. Part A*
  Hanson-Kahn, A., Li, B., Cohn, D. H., Nickerson, D. A., Bamshad, M. J., University of Washington Center for Mendelian Genomics, Hudgins, L.
  2018

- **"This could be me": exploring the impact of genetic risk for Huntington's disease young caregivers.** *Journal of community genetics*
  Dondanville, D. S., Hanson-Kahn, A. K., Kavanaugh, M. S., Siskind, C. E., Fanos, J. H.
  2018

- **Evolving Decisions: Perspectives of Active and Athletic Individuals with Inherited Heart Disease Who Exercise Against Recommendations.** *Journal of genetic counseling*
  Subas, T., Luiten, R., Hanson-Kahn, A., Wheeler, M., Caleshu, C.
  2018

- **De Novo Missense Variants in TRAF7 Cause Developmental Delay, Congenital Anomalies, and Dysmorphic Features.** *American journal of human genetics*
  Tokita, M. J., Chen, C. A., Chitayat, D. n., Macnamara, E. n., Rosenfeld, J. A., Hanchard, N. n., Lewis, A. M., Brown, C. W., Marom, R. n., Shao, Y. n., Novacic, D. n., Wolfe, L. n., Wahl, et al
  2018

- **MACF1 Mutations Encoding Highly Conserved Zinc-Binding Residues of the GAR Domain Cause Defects in Neuronal Migration and Axon Guidance.** *American journal of human genetics*
  Dobyns, W. B., Aldinger, K. A., Ishak, G. E., Mirzaa, G. M., Timms, A. E., Grout, M. E., Dremmen, M. H., Schot, R. n., Vandervore, L. n., van Slegtenhorst, M. A., Wilke, M. n., Kasteleijn, E. n., Lee, et al
  2018

- **Sleep Disturbances in Individuals With Phelan-McDermid Syndrome: Correlation With Caregivers' Sleep Quality and Daytime Functioning** *SLEEP*
  Bro, D., O'Hara, R., Primeau, M., Hanson-Kahn, A., Hallmayer, J., Bernstein, J. A.
  2017; 40 (2)

- **The genomic landscape of balanced cytogenetic abnormalities associated with human congenital anomalies.** *Nature genetics*
  Redin, C., Brand, H., Collins, R. L., Kammin, T., Mitchell, E., Hodge, J. C., Hanscom, C., Pillalamarri, V., Seabra, C. M., Abbott, M., Abdul-Rahman, O. A., Aberg, E., Adley, et al
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- **FOXP1-related intellectual disability syndrome: a recognisable entity.** *Journal of medical genetics*
  Meerschaut, I. n., Rochefort, D. n., Revençu, N. n., Pètre, J. n., Corsello, C. n., Rouleau, G. A., Hamdan, F. F., Michaud, J. L., Morton, J. n., Radley, J. n., Ragge, N. n., García-Miñaúr, S. n., Lapunzina, et al
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- **Germline Loss-of-Function Mutations in EPHB4 Cause a Second Form of Capillary Malformation-Arteriovenous Malformation (CM-AVM2) Deregulating RAS-MAPK Signaling.** *Circulation*
  Amyere, M. n., Revencu, N. n., Helaers, R. n., Pairet, E. n., Baselga, E. n., Cordisco, M. R., Chung, W. K., Dubois, J. n., Lacour, J. P., Martorell, L. n., Mazereeuw-Hautier, J. n., Pyeritz, R. E., Amor, et al
  2017

- **The genomic landscape of balanced cytogenetic abnormalities associated with human congenital anomalies** *NATURE GENETICS*
  Redin, C., Brand, H., Collins, R. L., Kammin, T., Mitchell, E., Hodge, J. C., Hanscom, C., Pillalamarri, V., Seabra, C. M., Abbott, M., Abdul-Rahman, O. A., Aberg, E., Adley, et al
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- **Impact of Huntington Disease Gene-Positive Status on Pre-Symptomatic Young Adults and Recommendations for Genetic Counselors** *JOURNAL OF GENETIC COUNSELING*
  Gong, P., Fanos, J. H., Korty, L., Siskind, C. E., Hanson-Kahn, A. K.
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- **Clinical Course of Six Children With GNAO1 Mutations Causing a Severe and Distinctive Movement Disorder** *PEDIATRIC NEUROLOGY*
  Ananth, A. L., Robichaux-Viehoever, A., Kim, Y., Hanson-Kahn, A., Cox, R., Enns, G. M., Strober, J., Willing, M., Schlaggar, B. L., Wu, Y. W., Bernstein, J. A.
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- **Underutilization of Genetics Services for Autism: The Importance of Parental Awareness and Provider Recommendation** *JOURNAL OF GENETIC COUNSELING*
  Vande Wydeven, K., Kwan, A., Hardan, A. Y., Bernstein, J. A.
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- **Marked variability in the radiographic features of cartilage-hair hypoplasia: Case report and review of the literature** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*
  Kwan, A., Manning, M. A., Zollars, L. K., Hoyme, H. E.
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- **Report of Two Patients and Further Characterization of Interstitial 9p13 Deletion-A Rare But Recurrent Microdeletion Syndrome?** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*
  Niemi, A., Kwan, A., Hudgins, L., Cherry, A. M., Manning, M. A.
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- **What Is Your Diagnosis? The Diagnosis: Trichorhinophalangeal Syndrome Type I** *CUTIS*
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- **Ectopia Lentis as the Presenting and Primary Feature in Marfan Syndrome** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*
  Zadeh, N., Bernstein, J. A., Niemi, A. K., Dugan, S., Kwan, A., Liang, D., Hyland, J. C., Hoyme, H. E., Hudgins, L., Manning, M. A.
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- **Clues to an Early Diagnosis of Kallmann Syndrome** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*
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- **Brachydactyly A-1 mutations restricted to the central region of the N-terminal active fragment of Indian Hedgehog** *EUROPEAN JOURNAL OF HUMAN GENETICS*
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- **Clinical Utility of Array Comparative Genomic Hybridization: Uncovering Tumor Susceptibility in Individuals with Developmental Delay** *JOURNAL OF PEDIATRICS*
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- **Sequence and analysis of chromosome 1 of the plant Arabidopsis thaliana** *NATURE*
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