

Company: Baylor Genetics

Nomination Submitted by: SVM PR

Company Description: Baylor Genetics is a leading diagnostic genomics partner offering a full spectrum of clinically relevant genetic testing, including Whole Genome Sequencing, Whole Exome Sequencing, and focused panels. Baylor Genetics combines rapid and comprehensive precision diagnostics options with the support of genetic counselors to help clinicians avoid a lengthy diagnostic odyssey for their patients, guide m

Nomination Category: Individual Awards Categories

Nomination Sub Category: Woman Scientist of the Year

Nomination Title: Dr. Christine Eng



1. Briefly describe the nominated individual: history and past performance (up to 200 words):

Total 184 words used.

Dr. Christine Eng is a trained pediatrician, medical geneticist, and a leader in the genetic testing space, recognized for her contributions to the implementation of genomics in clinical practice and her skillset that bridges the clinical, academic and commercial diagnostics world. Dr. Eng's leadership as Chief Medical Officer and Chief Quality Officer has firmly positioned Baylor Genetics at the forefront of genetic testing with high-quality, efficient and efficacious testing products that provide critical answers to the most vulnerable patients.

Additionally, Dr. Eng is Vice Chair (Diagnostics) and a professor at Baylor College of Medicine (a top NIH-funded Department of Molecular and Human Genetics) in Houston, TX. She has been a senior author of articles in the New England Journal of Medicine and the Journal of the American Medical Association regarding exome sequencing and has served as principal investigator of the genome sequencing core for the National Institutes of Health's Undiagnosed Diseases Network for nearly a decade.

Dr. Eng received her bachelor's degree from Yale University in New Haven, CT. Following her bachelor's, she received her medical degree from Tulane University in New Orleans, LA.

2. Outline the nominee's achievements since July 1 2023 that you wish to bring to the judges' attention (up to 250 words):

Total 151 words used.

At Baylor Genetics, Dr. Eng champions scientific excellence, her and her team have contributed to the company's strong double-digit growth, and she spearheads the launch of new product offerings designed to end the diagnostic odyssey for patients while ensuring high-quality, accurate genetic tests are delivered.

More recently, she oversaw the launch of RNA sequencing, a technique used with whole genome and exome sequencing that can transcribe a person's genes to look for changes that might guide variant classification and diagnosis in rare diseases. Dr. Eng was pivotal in advancing whole genome sequencing reanalysis as well as an automated analysis pipeline to help patients and providers get answers faster. In 2024, she was recognized as one of Modern Healthcare's Women Leaders in Healthcare. Dr. Eng has been active in sharing the news of advances in precision diagnostics and has been included in several articles from GenomeWeb, CNS Magazine, BioQuick News, and others.

3. Reference any attachments of supporting materials throughout this nomination and how they provide evidence of the claims you have made in this nomination (up to 250 words):

Total 112 words used.

- o Dr. Eng was recently quoted in a [GenomeWeb article](#) on updated American Academy of Pediatrics guidelines outlining Whole Genome and Whole Exome Sequencing as first-tier tests for children with developmental delays. <https://www.genomeweb.com/sequencing/diagnostic-genome-sequencing-pediatric-rare-disease-patients-gains-traction>
- o Featured story from GenomeWeb about Baylor Genetics pushing the boundaries of science and rare disease diagnosis at the 2025 ACMG meeting: <https://www.genomeweb.com/sequencing/baylor-genetics-team-uncovers-potential-mechanism-driving-mitochondrial-deletion>
- o Dr. Eng has authored peer-reviewed articles including:
 - o [Molecular Findings Among Patients Referred For Clinical Whole Exome-Sequencing, Journal of the American Medical Association](#). <https://jamanetwork.com/journals/jama/fullarticle/1918774>;
 - o [Reanalysis Of Clinical Exome Sequencing Data, New England Journal of Medicine](#). <https://www.nejm.org/doi/full/10.1056/NEJMc1812033>
- o Dr. Eng's [Interview](#) with CheckRare – December 2024. <https://checkrare.com/how-whole-genome-sequencing-can-lead-to-early-diagnosis-and-intervention/>;

4. Which will you submit for your nomination in this category, a video of up to five (5) minutes, explaining the achievements since July 1, 2023 of the nominated woman, OR written answers to the questions? (Choose one):

Written answers to the questions

5. If you are submitting a video of up to five (5) minutes in length, provide the URL of the video here, OR attach it to your entry via the "Add Attachments, Videos, or Links to This Entry" link above, through which you may also upload a copy of your video. If you are submitting written answers to the questions for this category, provide them in the spaces below:
6. Explain why the achievements you have highlighted are unique or significant. If possible compare the achievements to the performance of other players in your industry and/or to the nominee's past performance (up to 250 words):

Total 207 words used.

Dr. Christine Eng bridges the clinical, academic and commercial diagnostics world. She is a leader in the genetic testing space, enabling Baylor Genetics to stay at the forefront of genetic testing with high-quality diagnostics that provide critical answers to the most vulnerable patients. Her roles and roots spanning rigorous academics and commercial testing give her a valuable perspective that few others have.

As both a medical geneticist and pediatrician, Dr. Eng understands the challenges and opportunities in pediatric rare diseases. From symptom onset to initial testing, from medical management to expanded diagnostics and zooming out broadly to disparities in access, Dr. Eng has a deep understanding of the journey, challenges, opportunities, and recent innovations in genetic diagnostics and why they are important to understand.

Recognized for contributions to the implementation of genomics in clinical practice, Dr. Eng is the senior author of articles in the New England Journal of Medicine and the Journal of the American Medical Association regarding exome sequencing. She also spearheads a partnership with the Child Neurology Society, in which Baylor Genetics has been named their official genetic testing partner as of April 2025.

Dr. Eng was elected to the Board of Directors of the American Society of Human Genetics effective January 1, 2024.

Attachments/Videos/Links:

[Dr. Christine Eng](#)



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