

Chairman Cirino, Vice Chair Chavez, Ranking Member Hicks-Hudson, and members of the Ohio Senate Finance Committee, thank you for the opportunity to present proponent testimony for proposed Amendment SCO521 to Substitute House Bill 96.

We are the co-founders of Genetesis, Inc. Founded in 2013, Genetesis, located in our hometown of Mason, is a medical imaging company creating a world without heart disease. With our flagship innovation, CardioFlux®, Genetesis is revolutionizing the science of magnetocardiography, and our mission is to introduce patients and physicians alike to the most cost-effective and patient-centric imaging solution for cardiovascular disease that exists today. In April 2023, the FDA granted CardioFlux® a Breakthrough Designation Device designation to identify myocardial ischemia in patients who may be suffering from coronary microvascular disease (CMD).

To date, Genetesis has raised more than \$40,000,000 and we now employ approximately 30 associates, many of which attended high schools/universities in Ohio.

Along with our other co-founder Manny Setegn, we have dedicated our life's work into the development of CardioFlux® and building Genetesis into a world-class leader in the device market for cardiac care. Our work involves cutting edge in deep learning, artificial intelligence, and weak magnetic field sensing/analysis and we are now fully emerged in the commercialization phase of CardioFlux®

As graduates of Mason High School, we first became interested in STEM by doing independent inquiry-based research in middle school and high school. Driven by our curiosity, the Ohio Academy of Science and its Science Day program provided us with an opportunity and platform to validate our ideas by presenting our research among professionals and experts in their field. We were encouraged, recognized, and accepted as young contributors. These authentic experiences build the necessary skills that create confidence which leads to more growth and new discoveries. We are forever grateful for these opportunities that allowed us to hone our skills and visualize a future pathway to bring our ideas to life here in Ohio.

As young professionals we continue to partner with the Academy by hosting and showcasing the research of middle school and high school students. In October 2024, we hosted such an experience that was attended by State Senator Steve Wilson and House Representative Adam Mathews. Events like this build community and offer students with a vision of what is possible.

We respectfully request the inclusion of Amendment SCO521 as part of Substitute House Bill 96. The Ohio Academy of Science does an exceptional job of reaching students, providing resources, and offering growth opportunities for those who are not adequately prepared through traditional classroom experiences.

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