



Innovative Solutions to Pelvic Floor Health

April 19, 2021

ERC Program  
Division of Engineering Education and Centers  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, Virginia 22230

Re: Columbia University proposal in response to NSF 20-553: Gen-4 Engineering Research Centers (ERC) – Convergent Research and Innovation through Inclusive Partnerships and Workforce Development

Dear ERC Program Directors,

If the proposal submitted by Dr. X. Edward Guo entitled *NSF Engineering Research Center for Integrated Mechanobiology for Women's Health (IMWEL)* is selected for funding by NSF, it is our intent to commit to joining the ERC as a member and providing (cash and/or in-kind) support.

Renovia Inc. is Boston-based, women-led developer of prescription digital therapeutics and diagnostics, dedicated to improving the lives of women with pelvic floor disorders. Renovia's technology enables non-invasive, drug-free diagnosis and treatment via visualization of pelvic floor muscle movement in real time while also while allowing a woman to track her usage and progress. Renovia supplements its technology with coaching from the Renovia Women's Center as well as symptom and adherence reporting to prescribers. Renovia's flagship product, the *leva*® Digital Therapeutic, offers a novel, effective, first-line treatment for urinary incontinence (UI), an underreported condition affecting 20 million women in the U.S. alone. The *leva* Digital Therapeutic is FDA cleared (K192270) for the treatment of stress, mixed, and mild to moderate urinary incontinence (including overactive bladder), and pelvic floor muscle strengthening in females.

Sincerely,

Samantha J. Pulliam, MD  
Chief Medical Officer  
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