

April 20, 2013

Committee on Credible Practice of Modeling & Simulation in Healthcare  
Interagency Modeling and Analysis Group | Multiscale Modeling Consortium

Dear Dr. Pras Pathmanathan,

You have been identified as a prominent member of the computational medicine community with expertise in modeling cardiac physiology and soft-tissue mechanics, medical regulations and possessing valuable expertise and experience for advancing state of the art in medical practice. As such, we are inviting you to become an Advisory Council Member for the *Committee on Credible Practice of Modeling & Simulation in Healthcare* (here after Committee). The Committee was established under the Interagency Modeling and Analysis Group (IMAG) and the Multiscale Modeling (MSM) Consortium to lead the establishment of acceptable practice guidelines, as well as identifying new areas of research, for development and implementation of credible computational models and simulations for healthcare research and intervention. The IMAG and MSM are two high profile initiatives established by the National Institute of Health (NIH) in collaboration with other government agencies to advance the state of knowledge in computational medicine.

As you can appreciate, the task the Committee has been charged with is extremely challenging and requires substantial input from prominent experts from many disciplines, governing bodies and commercial entities. This includes medical practitioners, mathematicians, biologists, engineers, computer scientists, product developers and federal regulatory bodies to name a few. To help us meet our objectives, we are selectively inviting high caliber professionals, who have established themselves as credible leaders in their respective fields and who are expected to contribute to this effort significantly. We strongly believe you would be an asset to the Committee to lead the way in defining acceptable practices and guidelines for computational medicine.

If you would like to accept this invitation, please let us know by replying to this email or emailing the co-chairs using the contact information below. In following, we will send you an instruction package.

Please note, this is a volunteer position, and active involvement on a Committee requires an investment of time and energy from every member. As a member of the Advisory Council, you should expect to invest about one hour a month to assist the Committee with document reviews and providing guidance on various subject matters. If you choose to accept this invitation, you will be expected to attend regularly held meetings (either in person or via teleconference). Since these meetings often occur during standard working hours and may require travel, your department supervisor (if applicable) must endorse your participation on the Committee. Please present this letter and information package to your supervisor, if necessary, for approval. Any questions may be directed to the Committee co-chairs via the contact information below.

The attached supplementary document provides a more complete overview of the Committee's charge, expected participation level for members of the Committee and Advisory Council, the expected deliverables, and the time line of delivery. For additional information on the Committee, IMAG or MSM, please visit the websites below. Also, please send us any questions you may have about the Committee and membership requirements, and we will be sure to respond promptly.

Committee on Credible Practice of Modeling & Simulation in Healthcare Website: <https://simtk.org/home/cpms>  
IMAG and MSM Consortium: <http://www.imagwiki.nibib.nih.gov>

If you are uninterested or unable to join the Committee, we also appreciate a prompt response to decline the offer. We will also appreciate it if you can provide names of other potential candidates for these posts.

Sincerely,

Committee Co-Chairs

**Lealem Mulugeta**

[mulugeta@dsls.usra.edu](mailto:mulugeta@dsls.usra.edu)

[lealem.mulugeta@nasa.gov](mailto:lealem.mulugeta@nasa.gov)

281-244-2020

and

**Ahmet Erdemir**

[erdemira@ccf.org](mailto:erdemira@ccf.org)

216-445-9523