

Program Review Report Response

Applied Mathematics Department

University of Washington

Seattle, WA

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Response prepared by:

Bernard Deconinck (Chair),

Tim Leung, Randy LeVeque, Hong Qian, KK Tung (Executive Committee)

The Department is grateful for the thorough program review and thoughtful recommendations by the Review Committee consisting of Professor Mark Ablowitz of the University of Colorado, Boulder, Professor Leah Edelstein-Keshet of the University of British Columbia, Professor Dennis Hartmann of Atmospheric Science, UW and Professor Thomas Quinn of Astronomy, UW. We accept their recommendations and we will give our full effort to implement them.

The Review Committee found that “The Applied Mathematics Department at UW is a world-renowned, internationally recognized department, among the top in North America in terms of research leadership, training, and accomplishment.” The Report points out that with the retirement of key faculty in numerical/computational mathematics, we need to rebuild leadership positions in this area. This is likely to be our top priority for the research area of the next faculty hire. Also of high priority in faculty hiring is “to increase the number of women and minority faculty to better represent the US population.”

Following through on the recommendation that “they need to seriously consider establishing a successful undergraduate major in applied mathematics that they can grow to a reasonable size to provide student access to STEM careers and to gain access to funding for the Department that is tied to undergraduate teaching and majors, while maintaining their contribution to the ACMS undergraduate program,” the Department will discuss its options for undergraduate education, including that of the creation of a new undergraduate major in applied mathematics. Such discussions have begun among the faculty. The Divisional Dean and the chairs of the other STEM departments are necessary partners in this conversation.