

COLLEGE OF SCIENCE

Patrick Wolfe
*Frederick L. Hovde Dean and Miller Family Professor of Statistics
and Computer Science*

October 24, 2019

To: Jay Akridge

From: Patrick Wolfe



Re: Nomination of Dr. Michael Manfra for a Distinguished Professor of Physics and Astronomy

I forward to you the nomination of Dr. Michael Manfra for consideration as a Distinguished Professor of Physics and Astronomy. Dr. Manfra's nomination has been endorsed by the Department (see attached memo from Department Head), the College of Science's Area Promotion Committee and a university committee of distinguished professors. A report from the university committee is attached, along with the Form 36, both a full vita and biosketch plus letters from external referees.

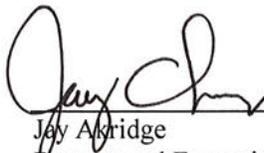
I chaired the Area Promotion Committee meeting that considered Dr. Michael Manfra's nomination, and also solicited feedback in the form of specific strengths and weaknesses from the university committee of distinguished professors. While there is a sentiment that his level of outside recognition through external awards is not as high as with some distinguished colleagues, it was noted that he is early in his career on a steep research trajectory and there is a view that such awards are likely to come in time. Likewise there was discussion that some of the letter writers were also once at Bell Labs where the candidate was before coming to Purdue, however they were not direct collaborators.

In terms of strengths, it has come through clearly in the process that Dr. Michael Manfra is a world leading expert on the growth of semiconductor materials and his work has contributed in a fundamental way to our understanding to the emerging area of quantum science. His internationally recognized work is novel in his ability grow material that display and behave as two dimensional electron gases and demonstrate extraordinary collective behavior. Dr. Manfra is unique that in addition to growth of these materials, his experiments on these materials provide the ground work for the development of the quantum computer. For this work, he was made a fellow of the American Physical Society and the Director of Microsoft Station Q Purdue.

For the reasons cited above, and taking all due deliberations into consideration, I am delighted to endorse the nomination of Dr. Michael Manfra as a Distinguished Professor of Physics and Astronomy.

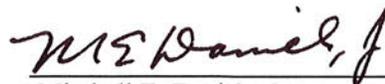
RECOMMENDED APPROVAL:

APPROVED:



Jay Akridge
Provost and Executive Vice
President for Academic Affairs and Diversity

10/20/19
Date



Mitchell E. Daniels, Jr.
President

10/31/19
Date



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