

TEACHERS COLLEGE
COLUMBIA UNIVERSITY

PROGRAM IN MATHEMATICS

May 28, 2015

To Whom It May Concern,

Dr. Hector Rosario was my student and thesis advisee throughout his doctoral studies in the Program in Mathematics at Teachers College Columbia University. He is now a full-professor of mathematics at the University of Puerto Rico (Mayagüez). During a recent leave, Dr. Rosario, Dr. Patrick Scott and I prepared and published an international anthology, *Mathematics and its Teaching in the Southern Americas*. The publication of the anthology by World Scientific Press is the first review of mathematical educational practices in Southern America and the Caribbean in fifty years. Dr. Rosario assumed a leadership role among the three editors.

Dr. Rosario has demonstrated his leadership skills in organizing national conferences, like "Circle on the Road 2013," the annual gathering of the National Association of Math Circles. This conference brought circle leaders to Mayagüez, Puerto Rico in March 2014 for a three-day conference.

Dr. Rosario delivered a plenary address at a similar conference in Shanghai, China in July 2013 that appeared in Chinese in the proceedings of this event. He also has delivered a plenary address at a Teachers College conference last October.

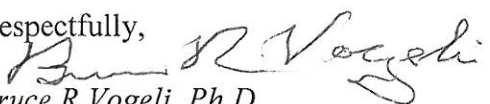
These activities, coupled with his visiting professorship in Honduras and invited lectures in Mexico, are evidence that others share my confidence in Hector's international influence. I expect him to emerge as one of the most respected Hispano-American mathematics educators of his era.

Dr. Rosario has a very strong background in mathematics. His PhD thesis dealt with steganography—techniques for concealing data in images transmitted electronically—a topic of considerable interest to security specialists.

Dr. Rosario's language skills match his excellent mathematical preparation. He speaks and writes in Spanish and English with equal skill, as demonstrated by his editorial correction of manuscripts received in connection with the anthology for which we are collaborators.

In my considered opinion—having directed the nation's leading mathematics education program for the past 50 years—Dr. Hector Rosario has the potential to lead a mathematics education program at a major university interested in serving as a center of multicultural mathematics education, especially Hispanic culture. With leadership experience in China and India, and also in Latin America, Hector is equipped to lead a program to serve the main populations of students from abroad studying mathematics and its teaching in American universities.

Respectfully,


Bruce R Vogeli, Ph.D
Clifford Brewster Upton
Professor and Director,
Program in Mathematics
Teachers College, Columbia University