

THE TRUSTEES OF COLUMBIA UNIVERSITY
IN THE CITY OF NEW YORK

TO ALL PERSONS TO WHOM THESE PRESENTS MAY COME GREETING
BE IT KNOWN THAT

PABLO ANDRES NEUMEYER

HAVING COMPLETED THE STUDIES AND SATISFIED THE REQUIREMENTS
FOR THE DEGREE OF

DOCTOR OF PHILOSOPHY

HAS ACCORDINGLY BEEN ADMITTED TO THAT DEGREE WITH ALL THE
RIGHTS PRIVILEGES AND IMMUNITIES THEREUNTO APPERTAINING IN
WITNESS WHEREOF WE HAVE CAUSED OUR CORPORATE SEAL TO BE HERE
AFFIXED IN THE CITY OF NEW YORK ON THE TWENTY-FIRST DAY OF
OCTOBER IN THE YEAR OF OUR LORD ONE THOUSAND NINE HUNDRED
AND NINETY-TWO



Clare S. Hoagland
DEAN OF THE FACULTY OF THE GRADUATE
SCHOOL OF ARTS AND SCIENCES

Michael L. Jensen
PRESIDENT