

The Ohio State University

hereby confers upon

Philip Eric Ottenbun

the degree of

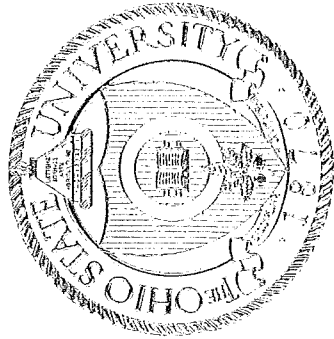
Doctor of Philosophy

together with all the rights, privileges and honors appertaining thereto in consideration of the satisfactory completion of the course prescribed in

The Graduate School

In Testimony Whereof, the seal of the University and the signatures as authorized by the Board of Trustees are hereunto affixed.

Given at Columbus on the twenty-eighth day of August, in the year two thousand eleven and of the University the one hundred forty-second.



Leslie H. Huxford
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