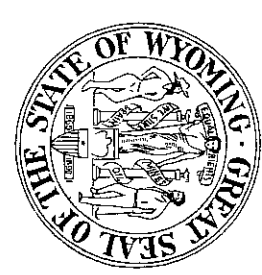


STATE OF NORTH DAKOTA)
COUNTY OF GRAND FORKS)

On this 18th day of July, 2016, I certify that this document is a true, exact, complete and unaltered photocopy made by David Delene of his diploma from The University of Wyoming.

Pamela R. Yon

University



of Wyoming

The Graduate School

Know all by these presents, That

David J. Delene

PAMELA R YON
NOTARY PUBLIC
STATE OF NORTH DAKOTA
My Commission Expires MARCH 6, 2019

having completed the appropriate Course of Study prescribed by the Graduate Faculty, and having fulfilled all other requirements, is therefore granted the degree of

Doctor of Philosophy

In Testimony, this Diploma has been granted, attested with the Seal of the University and with the Signatures of its duly authorized officers at Laramie, Wyoming, this 18th day of December in the year of our Lord nineteen hundred and ninety-eight.



Deirdre A. Ford
President of the Trustees

Paul J. Novak
President of the University

Secretary of the Trustees

Dean