

Andres R. Cortez

*Candidate*

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Mechanical Engineering

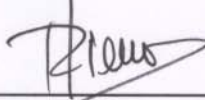
*Department*

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This dissertation is approved, and it is acceptable in quality and form for publication:

*Approved by the Dissertation Committee:*

Dr. Rafael Fierro



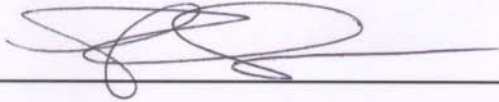
, Chairperson

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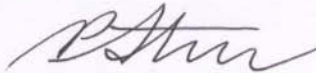
Dr. Herbert Tanner



Dr. Ron Lumia



Dr. Gregory Starr



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