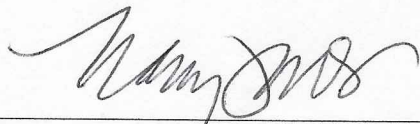


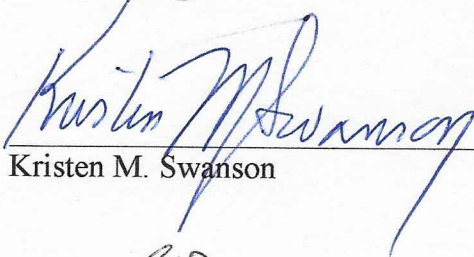
University of Washington
Graduate School

Chair of Supervisory Committee:

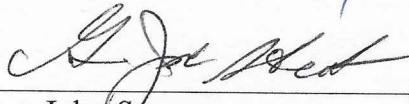

Ira Kantrowitz-Gordon

Reading Committee:


Nancy Woods


Kristen M. Swanson

GSR:


Grace John-Stewart