

CURRICULUM VITAE

MARTEN L. THOMPSON

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EDUCATION

University of Minnesota , Minneapolis, MN Ph.D. in Statistics Advisor: Snigdhansu Chatterjee	<i>2018 - present</i>
Hamline University , Saint Paul, MN B.S. in Mathematics B.A. in Physics Advisors: Frank Shaw, Andy Rundquist	<i>2012 - 2016</i>
University of York , York, England Student in Mathematics	<i>2015</i>

EMPLOYMENT

Securian Financial Group , Saint Paul, MN Associate Application Analyst	<i>2016 - 2018</i>
Alchemy Logic Systems , Santa Rosa, CA Data Modeling Consultant	<i>2015 - 2018</i>

HONORS AND AWARDS

Interdisciplinary Health Data Competition , University of Minnesota Finalist team, 2nd place	<i>2021</i>
Bernard H. Lindgren Teaching Assistant Award , University of Minnesota	<i>2020</i>
Lund Speaking Competition , Hamline University 2nd Place	<i>2016</i>
Scholarships , Hamline University	
Fulford-Karp Scholarship	<i>2014</i>
Kent H. Bracewell Scholarship	<i>2014</i>
Dale Irwin Hayes Scholarship	<i>2013</i>
Presidential Merit Scholarship	<i>2012</i>

PATENTS

USPTO Application 14/996,067	2016
<i>Methods of Obtaining High Accuracy Impairment Ratings and to Assist Data Integrity in the Impairment Rating Process.</i>	

PRESENTATIONS AND INVITED TALKS

Joint Statistical Meeting - American Statistical Association	2021
<i>Network Autoregression of the COVID Burden</i>	
The American Physical Society - April Meeting	2017
<i>Computational Medical Apportionment Determination for Impairment Ratings</i>	
National Conference on Undergraduate Research	2014
<i>Modeling the Helcoseir</i>	
Physics Patrol Webinar	2014
<i>Invited speaker</i>	
Minnspire College Housing Conference	2014
<i>Invited speaker</i>	

PROFESSIONAL SERVICE

University of Minnesota	
Graduate Student Liaison Committee - Member	2020 - present
Hamline University	
Hamline University Honors - Executive Committee Chair	2013 - 2016
Society for Physics Students - Treasurer	2014 - 2015
Residential Housing Assc. - Program Communications Coord.	2013 - 2014

PROFESSIONAL SOCIETY MEMBERSHIP

Institute of Mathematical Statistics

TEACHING

Instructor , University of Minnesota	
Python and Statistical Analysis Short Course	2021
Teaching Assistant , University of Minnesota	
STAT 4893W	2019 - 2021
STAT 3011	2019
STAT 3022	2018