



THE  
GRADUATE SCHOOL

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**UMD Charles A. Caramello Distinguished Dissertation Award  
2021 Dissertations**

**Awards**

**Social Sciences**

**Tangere Hoagland, Ph.D.**

Department of Women, Gender, and Sexuality Studies

Dissertation Title: *"When Surviving is Illegal: Black Women and the Entrapment of U.S. Incarceration and Welfare"*

Dissertation Advisor: Associate Professor Michelle Rowley

**Humanities and Fine Arts**

**Samuel Miner Ph.D.**

Department of History

Dissertation Title: *"The Exiles' Return: Emigres, Anti-Nazis, and the Basic Law"*

Dissertation Advisor: Distinguished University Professor Jeffrey Herf

**Mathematics, Physical Sciences, and Engineering**

**Tianning Su, Ph.D.**

Department of Atmospheric and Oceanic Sciences

Dissertation Title: *" Remote Sensing of Aerosol and the Planetary boundary layer"*

Dissertation Advisor: Distinguished University Professor Zhanqing Li

**Soheil Behnezhad, Ph.D.**

Department of Computer Science

Dissertation Title: *"Modern Large Scale Algorithms for Classical Graph Problems"*

Dissertation Advisor: Professor Mohammad Hajiaghayi

**Biological and Life Sciences**

**Morgan Botdorf, Ph.D.**

Department of Psychology

Dissertation Title: *" Assessing the impact of typical variations in stressful life events on hippocampal development in childhood"*

Dissertation Advisor: Associate Professor Tracy Riggins



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**UMD Charles A. Caramello Distinguished Dissertation Award  
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**Honorable Mentions**

**Social Sciences**

**Magda Mankel, Ph.D.**

Department of Anthropology

Dissertation Title: *"Walking the Migrant Trail: Mobilizing cultural heritage and commemorating clandestine migration in the Arizona-Sonora Borderlands"*

Dissertation Advisor: Professor Paul Shackel

**Mathematics, Physical Sciences, and Engineering**

**Adelaide Nolan, Ph.D.**

Department of Materials Science and Engineering

Dissertation Title: *"Computational Study of Solid-Cathode Interfaces and Coatings for Lithium-ion Batteries"*

Dissertation Advisor: Associate Professor Yifei Mo

**Biological and Life Sciences**

**Yantnew Gete, Ph.D.**

Biological Sciences Program

Dissertation Title: *"INVESTIGATION OF THE MOLECULAR MECHANISMS OF VASCULAR ENDOTHELIAL DYSFUNCTION IN HUTCHINSON-GILFORD PROGERIA SYNDROME THROUGH IN VITRO 2D AND 3D MODELS"*

Dissertation Advisor: Associate Professor Kan Cao