

Fall 2025 Award Recipients

College of Arts and Sciences

Jood Ali

Bridging Human and Rodent Cognitive Neuroscience with Real-Time EEG Decoding
Benjamin Scott (CAS, Psychological & Brain Sciences)

Marius Betco

Team Formation for Large Data Science Classes at Boston University
Evimaria Terzi (CAS, Computer Science)

Surabhi Bhaskar

Determining longevity of tools to chronically activate safety engrams in adolescent mice
Heidi Meyer (CAS, Psychological & Brain Sciences)

Moumit Bhattacharjee

Culturally Adaptive LLMs in Psychotherapy
Catherine Caldwell-Harris (CAS, Psychological & Brain Sciences)

Francesca Black

Body Satisfaction and Depressive Symptoms as Correlates of Exercise Self-Efficacy in Sedentary Older Adults
Qimin Liu (CAS, Psychological & Brain Sciences)

Gabrielle Busi

Examining the adaptive energetic relationship between immune function and blood pressure in Utila, Honduras.
Carolyn Hodges-Simeon (CAS, Anthropology)

Rishin Chatterjee

The Burden of Bondage: Connecting Interviewees from the Federal Works Progress Administration's Slave Narratives to the United States Census
David Lagakos (CAS, Economics)

Zhihao Cheng

Are Martian Magnetosheath and Magnetotail Fields Reliable IMF Proxies? Insights from Tianwen-1 and MAVEN
Chuanfei Dong (CAS, Astronomy)

Steve Choi

Testing Properties of Graphs with Missing or Corrupted Edges
Sofya Raskhodnikova (CAS, Computer Science)

Brendan Coyne

LLM Distributed Protocols

Ankush Das (CAS, Computer Science)

Ava Espinoza

Multifaceted Socioeconomic Status and Child Sleep: Exploring How Housing Stability, Family Dynamics, and Neighborhood Opportunity Play a Role in Child Sleep Quantity and Quality

Amanda Tarullo (CAS, Psychological & Brain Sciences)

Hattie Fair

Jumping Off Diotima's Ladder: How Ancient Views of Love Relate to 21st Century

Understanding of Addiction

Allen Speight (CAS, Philosophy)

Wahaaj Farah

The Impact of Neighborhood Deprivation on Stress and Memory in Black Emerging Adults

Karin Schon (CAS, NeuroBiology)

Chaney Finkeldei

Finding and Correcting Forecast Biases in a Terrestrial Carbon Cycle Data Assimilation

Michael Dietze (CAS, Earth & Environment)

Feifan Gao

How has the City of Boston affected spatial and racial segregation in recent decades? (Focus on Chinatown, Lynn, Milton)

Marcus Walton (CAS, Political Science)

Haasith Garapati

The Effects of Pre-Lecture Videos on the Performance, Efficiency, Confidence, and Mental Health of Students Taking Organic Chemistry

Rebecca Loy (CAS, Chemistry)

Alex Garbacz

Increasing the applicability of Poly(1,3-glycerol carbonate)

Aaron Beeler (CAS, Chemistry)

Ammy Garcia

Immigration Policy Uncertainty and the Structural Vulnerabilities of Mixed-Status Families in Texas Border Communities.

Jessica Simes (CAS, Sociology)

Abhinav Ghosh

Lopsided Galaxy Distributions in Red MAPPER Galaxy Clusters

Teresa Brainerd (CAS, Astrophysics)

Can Gokmen

Accelerating Insertion Performance in Adaptive Radix Trees Through Sortedness-Aware Techniques

Manos Athanassoulis (CAS, Computer Science)

Mark Gregor

Comparing Benthic Composition Between Coral Reefs and Across Time

Les Kaufman (CAS, Biology)

Yushan Guo

Examining the Effect of Integrated Urban–Rural Medical Insurance on Migrant Workers’ Well-Being in China

Ishita Dey (CAS, Economics)

Qiyue Hu

Does The Tale of Genji Pass the Bechdel Test? Analyzing pronouns, gender-based interactions, and the gendering of ambiguous characters in The Tale of Genji

J. Keith Vincent (CAS, Japanese & Comparative Literature)

Kaizia Johnson

Quantifying Color Variation for a Polymorphic Tortoise Beetle Using Patternize

Lynette Strickland (CAS, Biology)

Alexios Kontothanassis

Mechanical and Computer Hardware Co-Design for Robotics

Sabrina Neuman (CAS, Computer Science)

Chloe Leaman

Major Histocompatibility Complex II Genes Evolution and Diversity in *Lagothrix flavicauda*

Christopher Schmitt (CAS, Anthropology, Biology)

Melanie Lin

Harnessing Sentinel-2 Imagery to Map Sargassum Seasonality: Strengthening Coastal Resilience in Miami and Florida

Sucharita Gopal (CAS, Earth & Environment)

Eva Liu

Investigating the Financial Market’s Response to Energy Infrastructure Timelines

Robert Kaufmann (CAS, Earth & Environment)

Jacob Lydon

Probing Polaritons and Energy Transfer Pathways in Chlorophyll a Using Ultrafast Optical Spectroscopy

Minjung Son (CAS, Chemistry)

Ava McClatchie

Investigating Quantum Interference Effects within Molecular Break Junctions

Maria Kamenetska (CAS, Chemistry, Physics)

Zach Meurer

Probing for Fundamental Limitations in Vision-Language Models

Deepti Ghadiyaram (CAS, Computer Science)

Kesar Narayan

Policy Fragmentation and Its Impact on Global Value Chains and Multinational Firms

Natalia Ramondo (CAS, Economics)

Matisse Nash

Evaluating the Applicability of the Parkinson's Anxiety Scale as a Measure of Anxiety in Older Adults without Parkinson's Disease.

Alice Cronin-Golomb (CAS, Psychological & Brain Sciences)

Meghna Patel

Redesigning the General Chemistry Lab Curriculum to Enhance Student Engagement, Confidence, and Intrinsic Motivation

Keying Chen (CAS, Chemistry)

Alex Pissios

Evaluation of the extent of Bornean Bearded Pig population collapse due to African swine flu

Cheryl Knott (CAS, Anthropology)

Leo Rava

Optimizing CMB Telescope Shielding to Constrain the Physics of Inflation

Kirit Karkare (CAS, Physics)

Abigail Rosario

Generations Apart: The Impact of Puerto Rican Residency in the United States on Identity and Perceptions of Latinidad

Pamela Zabala Ortiz (CAS, Sociology)

Robin Sheng

Half a Mile West and Away: The Orange Line Realignment and the Struggles of Roxbury's Nubian Square

Betty Anderson (CAS, History)

Matsumi Stone

Performing Conservatism: Representations of "Old School" Ideology on the Ancient Athenian Stage and in Modern American Talk Show

Sophie Klein (CAS, Classical Studies)

Kayden Thomas

Using Genetic Identities to Study Aging in Wild Bornean Orangutans

Cheryl Knott (CAS, Anthropology)

Dilyara Tuyakbay

Biology and Rilke

William Waters (CAS, World Languages & Literatures)

Naomi Vaynshtok

Explanation Detail Project

Deborah Kelemen (CAS, Psychological & Brain Sciences)

Yuhan Wei

Archiving a Rare Collection of Japanese Literature: Focus on Natsume Soseki

Sarah Frederick (CAS, World Languages & Literatures)

Fiona Winarto

Building a Digital Library for Noh: How Noh Plays Were Conveyed to the English-Speaking World

Sarah Frederick (CAS, World Languages & Literatures)

Lynne Zhou

The Geography of Race and Ethnicity in the United States: Uncovering a Hidden History of Expulsion and Exclusion

Martin Fiszbein (CAS, Economics)

College of Engineering

Camila Aragon Alfaro

Engineering T7 Terminator-Based RNA Switches for Cell-Free Nucleic Acid Detection

Alexander Green (ENG, Biomedical Engineering)

Aadarsh Arasu

Developing the Technology Readiness Level of a Magnetic Charged Particle Filter for an X-ray Instrument

Brian Walsh (ENG, Mechanical Engineering)

Varsha Athreya

Energy-Efficient Monolithic 3D Systems for Transformer Models

Ayse Coskun (ENG, Electrical & Computer Engineering, Systems Engineering)

Alan Bonilla Santos

Traction Force Microscopy (TFM) for Engineered Tissues on Polyacrylamide (PA) Gel

Thomas Bifano (ENG, Mechanical Engineering)

Lara Bulut

zVAD-induced TNF- α -Mediated Cell Death in Tendon Cells: Shifting from Apoptosis to Necroptosis

Brianne Connizzo (ENG, Biomedical Engineering)

Percy Chen

Force Sensor and Data Acquisition System for surgical robot

Tommaso Ranzani (ENG, Mechanical Engineering)

Mingqi Da

Safety Study of Candle Soot Effect on Human RPE Cell Viability

Chen Yang (ENG, Electrical & Computer Engineering)

Maria Davey

Power scaling of an ultrafast thulium-doped chirped pulse amplification system through thermal management optimization

Michelle Sander (ENG, Electrical & Computer Engineering)

Kaden Do

Structure-guided discovery of ancestral gag polyprotein for improving enhanced virus-like particle assembly and cargo delivery

Samagya Banskota (ENG, Biomedical Engineering)

Jamie Dykstra

Cell Seeding Optimization in Decellularized Murine Flexor Digitorum Longus Tendons

Brianne Connizzo (ENG, Biomedical Engineering)

Briana Filkova

Examining Auroras and Neutral Wind using All-Sky Imagers in Alaska

Toshi Nishimura (ENG, Electrical & Computer Engineering)

James Fourie

Cross-Species Modeling of Decision-Making in Autism Using Large Language Model-Driven Discovery

Brian DePasquale (ENG, Biomedical Engineering)

Nandita Ganesh

Design and Bioengineering of a Quantifiable Autobioluminescent Yeast for Versatile Biosensing Applications

Miguel Jimenez (ENG, Biomedical Engineering)

Tan Ha

Developing user-friendly tools for noninvasive probing of transport in clean energy and carbon capture systems

Sean Lubner (ENG, Mechanical Engineering)

Alexander Hack

Anomaly and Performance Bottleneck Detection in HPC Systems

Ayse Coskun (ENG, Electrical & Computer Engineering)

Chenyi Jiang

Develop a Real-Time Graphical User Interface to Aid In Hair Parsing Protocols For Speckle Contrast Optical Spectroscopy Experiments.

Xiaojun Cheng (ENG, Biomedical Engineering)

Anushka Kelshiker

Automated Calibration Platform to enhance force sensing in Colonoscopy

Sheila Russo (ENG, Mechanical Engineering)

Andrew La Croix

Improving the Usability of an Established Tool for Identifying Blinking Pixels in Photodetectors

Enrico Bellotti (ENG, Electrical & Computer Engineering)

Logan Lechuga

Flagging and Identifying Fraudulent E-commerce Websites

Gianluca Stringhini (ENG, Electrical & Computer Engineering)

Mahisha Mohotti

Functional Effects of Trisomy 21 in Xenotransplanted Cortical Organoid Models of Down Syndrome

Martin Thunemann (ENG, Biomedical Engineering)

Naomi Obinwa

Design and Fabrication of an Artificial Heart for Testing Soft Robotic Surgical Systems

Tommaso Ranzani (ENG, Mechanical Engineering)

Siara Patel

Development of multimodal sensors equipped with optical and electrochemical sensing for improved sustainable biomanufacturing.

Rabia Yazicigil Kirby (ENG, Electrical & Computer Engineering)

Brianna Perales

Optimization of Micropatterned Polyacrylamide Hydrogel Substrates for Force Analysis of 2D Cardiac Microbundles

Christopher Chen (ENG, Biomedical Engineering)

Shirley Rodriguez

Design Optimization of Micropillars to Enhance Signal Detection in Microtissue Wound Healing

Emma Lejeune (ENG, Mechanical Engineering)

Raheel Sarwar

Elucidating Uremic Toxin Effects on Immune Proteasome Activity in Chronic Kidney Disease
Using Computational Hot Spot Mapping

Diane Joseph-McCarthy (ENG, Biomedical Engineering)

Jonathan Sim

Developing a Biologically Optimized Injectable Therapy for Whole Joint Injuries

Brianne Connizzo (ENG, Biomedical Engineering)

Pree Simphliphon

High accuracy vehicular positioning with Ultra-Wideband localization, LiDAR sensor, and
Odometry sensor

Thomas Little (ENG, Electrical & Computer Engineering)

Av Srikrishna

Wireless Sensor Network for Real-Time Multimodal Bioreactor Monitoring

Rabia Yazicigil (ENG, Electrical & Computer Engineering)

Maria Steis

Leveraging a CRISPR-Cas12a-based VLP system for increased efficacy of CAR T-cells.

Samagya Banskota (ENG, Biomedical Engineering)

Rayan Syed

WebGPU for Intensity Diffraction Tomography: A New Method for 3D Imaging

Lei Tian (ENG, Electrical & Computer Engineering)

Maddie Tuck

Effect of Metformin Treatment on Slowing Breast Cancer Invasion in an Obese
Microenvironment

Joe Tien (ENG, Biomedical Engineering)

Elizabeth Wang

Investigating the Impact of Cognitive Workload on Spatial Navigation, Gait Quality, and
Memory Performance in Real-World Contexts

Matthias Stangl (ENG, Biomedical Engineering)

Roselene Win

Studying the Mechanical Properties of 3D Printed PEDOT:PSS and the Mechanics Behind
Improving Stretchability

J. William Boley (ENG, Mechanical Engineering)

Beren Akpinar

Using Neuropixels to understand decision making in the prefrontal cortex of the macaque monkey

Chandramouli Chandrasekaran (MED, Anatomy & Neurobiology)

Sneha Anand

Behavior and Neurophysiological Analysis of Anesthetic Response in C.elegans

Christopher Gabel (MED, Pharmacology, Physiology & Biophysics)

Hedaya Badr

Decoding Mitochondrial Alterations in Aging and Metabolic Health: Establishing an In Vitro Brown Adipocyte Model to Investigate Mitochondrial Dysfunction During Aging

Nabil Rabhi (MED, Biochemistry & Cell Biology)

Jasmine Chan

Transcriptional regulation of thyrotropin-releasing hormone by thyroid hormone

Ricardo Sousa (MED, Endocrinology, Diabetes, Nutrition & Weight Management)

Isha Chauhan

Investigating proteomic and glycoproteomic changes in neurofibrillary tangles (NFTs) in late-stage Alzheimer's Disease using mass spectrometry.

Manveen Sethi (MED, Biochemistry & Cell Biology)

Lucy Chu

PAX3 Expression Pattern in Acral Melanoma

Deborah Lang (MED, Dermatology)

Nathan Cox

Utilizing barcodes to investigate HIV-1 viral RNA metabolism

Rahm Gummuluru (MED, Virology, Immunology, & Microbiology)

Sophia R DiLorenzo

An in vivo "competitive airway repopulation assay" to develop airway stem cell therapies for lung disease

Hirofumi Kiyokawa (MED, Pulmonary, Allergy, Sleep & Critical Care)

David Fils-Aime

Neuropeptide Regulation of Senescence in Retinal Pigment Epithelial Cells

Andrew Taylor (MED, Ophthalmology)

Kimaya Gazula

Investigating the Reproducibility of Continuous Glucose Monitors (CGMs) in a Clinical Study Through an Analysis of Glycemic Curves

Nicole Spartano (MED, Endocrinology, Diabetes, Nutrition & Weight Management)

Jiaqi Guo

Netarsudil-Mediated Remodeling of Schlemm's Canal Endothelial Connectivity and Giant Vacuole Dynamics in Human Eyes

Haiyan Gong (MED, Ophthalmology)

Mary Harrelson

Role of Motor Cortex in Controlling Naturalistic Grasping Behavior

Chandramouli Chandrasekaran (MED, Anatomy & Neurobiology)

Chikako Hirakawa

Investigating The Role Of Transposable Element-Induced Innate Immune Responses In The Pathogenesis Of Alopecia Areata

Andrei Sharov (MED, Dermatology)

Shaotai Hu

Improve Quality and Efficiency of Pretreatment Physics Plan Review in Radiation Oncology Using Explainable Deep Learning Model

Samuel Luk (MED, Radiation Oncology)

Olivia Jonathan

Building a Hi-C Analysis Pipeline to Map and Validate PAX3-Linked Gene Regulatory Interactions in Melanoma

Deborah Lang (MED, Dermatology)

Ava Kaplan

Enhancing Anatomical Education Through Infographics: A Multimodal Approach

Jonathan Wisco (MED, Anatomy & Neurobiology)

Michelle Kim

Investigate Oligodendrocyte Development and Myelination in Down Syndrome Induced Pluripotent Stem Cell (iPSC) Cortical Organoids using Quantitative Birefringence Microscopy (qBRM)

Ella Zeldich (MED, Anatomy & Neurobiology)

Amrita Kohli

Benchmarking and Validation of Factorization Methods for Mutational Signature Analysis in Cancer Genomics

Joshua Campbell (MED, Computational Biomedicine)

Nadine Lim

Graph Neural Diffusion for Cross-Species Integration of Neural Single-Cell Datasets.
Chao Zhang (MED, Computational Biomedicine)

Li Lin

Investigating the Expression, Localization and Hormonal Regulation of Siglec Receptors in the Female Reproductive Tract
Deborah Anderson (MED, Medicine)

Ivy Lin

Investigating the Contribution of Tissue Factor to Coagulation in Pneumococcal Pneumonia
Joseph Mizgerd (MED, Virology, Immunology & Microbiology)

Eliana Luongo

3D Culture Model for Vascular Smooth Muscle Cells: Engineered Vascular Tissue Rings.
Francesca Seta (MED, Vascular Biology)

Hasher Mir

Microplastics as Potential Drivers of DNA Damage and Colorectal Tumorigenesis
Thomas Clarke (MED, Pathology & Laboratory Medicine)

Eshan Nair

Acetylation of TFAM: Regulation of Mitochondrial Gene Expression and Activity
Stefan Isaac (MED, Biochemistry & Cell Biology)

Eva Paniagua

Investigating the role of a Aedes gelsolin-like protein in the establishment of local Zika virus infection in skin cells, and systemic dissemination in mouse models
Florian Douam (MED, Virology, Immunology, & Microbiology)

Andrea Pantelias

Generation and Characterization of BRET Reporter Coronavirus through CPER
Florian Douam (MED, Infectious Diseases)

Hanqi Qin

Proteomic Profiling of mCRP–CD31 Interactions in ApoE Genotypes: Insights into Cerebrovascular Inflammation in Alzheimer’s Disease
Weiwei Lin (MED, Pharmacology, Physiology & Biophysics)

Timur Rizvanov

Advancing GPU-Accelerated Visualization Tools for Spatial Omics in Giotto Suite
Ruben Dries (MED, Hematology & Medical Oncology)

Tanisha Rungta

Cellularised graft in patients for Hemodialysis
Vipul Chitalia (MED, Nephrology)

Isabel Sachs

Searching for Effective Treatments for Head and Neck Squamous Cell Carcinoma

Hui Feng (MED, Pharmacology, Physiology & Biophysics)

Florence Sarni

Disruption of Endothelial Redox Homeostasis Promotes Tau Pathology and Neuroinflammation in Mouse Model of Cardiovascular Diseases

Jingyan Han (MED, Vascular Biology)

Julia Skultety

Characterization of Neuronal Activity in Trisomy 21

Ella Zeldich (MED, Anatomy & Neurobiology)

Jessica Slear

Apolipoprotein L1 Genotypes and Biomarkers of Immune Activation and Tubular Injury

Titilayo Ilori (MED, Nephrology)

Benny Yang

Regulation of the hypothalamic-pituitary-thyroid axis by thyroid hormone receptor beta 2 phosphorylation.

Ricardo Sousa (MED, Medicine)

Karim Zantout

The Function of the BCL11B gene on the Embryonic Heart Development in *Xenopus Laevis*

Laura Anne Lowery (MED, Hematology & Medical Oncology)

Zachary Zener

Endothelial vesicle trafficking mechanisms in the niche migration of blood stem cells

Elliott Hagedorn (MED, Hematology & Medical Oncology)

Sargent College, School of Public Health

Amelia Andre

Examining the relative contributions of memory and language during rereading in individuals with aphasia

Maria Varkanitsa (SAR, Speech, Language, & Hearing Sciences)

Helen Blans

Resting-State Functional Near Infrared Spectroscopy Across the Alzheimer's Disease Spectrum

Swathi Kiran (SAR, Speech, Language, & Hearing Sciences)

Jen Cheung

The Impact of Walking on Infant Gesturing and Vocabulary

Jana Iverson (SAR, Physical Therapy)

Ana Haubrich

Respiratory Kinematics and Acoustic Estimates of Voice Quality across Speech Conditions in Young Adults

Cara Stepp (SAR, Speech, Language, & Hearing Sciences)

Joshua Holtzberg

Neural Mechanisms of Phonological Working Memory in Autism: An fMRI Study of Non-word Repetition

Jennifer Zuk (SAR, Speech, Language & Hearing Sciences)

Sophie Li

Examining Effects of Vocal Effort on Vowel Formant Dispersion in Typical Speakers

Cara Stepp (SAR, Speech, Language, & Hearing Sciences)

Simoni Mishra

Validating Physical Activity Cut-Points in Infants with Down Syndrome

Jana Iverson (SAR, Physical Therapy)

Lindsay Skinner

Assessing Trial-to-Trial Variability and Performance Errors in Dynamic Balance across Childhood and Adolescence

Cara Lewis (SAR, Physical Therapy)

Aaron Smith

Neural network for predicting knee loading from inertial sensors and temporal Dynamics of Pain in Knee Osteoarthritis

Deepak Kumar (SAR, Physical Therapy)

Julia Trejo

How Bilingual Environments and Vocabulary Structure Influence Early Word Learning

Kimberly Crespo (SAR, Speech, Language, & Hearing Sciences)

Kusum Aryal

HerPower Collective: The Impact of Menstrual Corners on Adolescent Health and Education

Monica Onyango (SPH, Global Studies)

Ramatoulaye Bangura

Investigating the impact of Organic Pollutants that contribute to Cardiovascular Diseases on Adipocyte and Endothelial Cell Function

Jennifer Schlezinger (SPH, Environmental Health)

Elinor Holt

A Global Analysis on the Contribution of Incarceration to Tuberculosis Incidence

Leonardo Martinez (SPH, Epidemiology)

Yaoan Leng

Development of a Scalable Bioinformatics Pipeline for Single-Telomere Resolution Analysis Using Long-read Telomere Sequencing Data

William Johnson (SPH, Biostatistics)

Yifan Wang

Potential impact of noise on cognitive function and the development of neurological diseases

Marcia Pescador Jimenez (SPH, Epidemiology)

Other

Seher Arora

Mobility Diplomacy: Negotiating Passport Power

Noora Lori (Pardee, Middle East North Africa Initiative)

Lizzie Bonassar

Children's perception of their peers based on teachers' non-answers to peers' questions.

Kathleen Corriveau (SED/Wheelock, Counseling Psychology & Applied Human Development)

Noor Darwish

The Special Educator Workforce: A Research Collaborative (SPARC)

Elizabeth Bettini (SED/Wheelock, Teaching and Learning)

Reetom Gangopadhyay

p2gNMF: A non-negative matrix factorization approach to identifying enhancer-gene regulatory links in individual cells

Pawel Przytycki (CDS, Computing & Data Sciences)

Guthrie Harris

Implementation Strategies to Increase Hispanic Workers' Access to and Use of Paid Family and Medical Leave

Pamela Joshi (SSW, Human Behavior, Research, & Policy)

Yu-Ting Huang

Building Resilient Supply Chains by Detecting Anomalies from Energy Price Volatility

Tugba Efendigil (Questrom, Operations & Technology Management department)

Pramay Jain

How Retail Trading Affects Execution Quality in U.S. Equities Market

Andrea Vedolin (Questrom, Finance)

Mackenzie Jutras

Eumelanin Images Via Bacteria

Lucy Kim (CFA, Painting)

Helen Lallo-Harrell

Philanthropic Funding for Science: Examining the Impact of Canada's Private Foundation Disbursement Quota Increase on Grant Distribution/Allocation for Scientific Research
Megan MacGarvie (Questrom, Markets, Public Policy & Law)

Kate Logan

Self-Compassion and Athletic Performance in College Athletes
Anna Ward (SED/Wheelock, Counseling Psychology & Applied Human Development)

Sofia Sanchez

Cultural Resilience and Identity for North Sri Lankan Tamils
Joellen Masters (CGS, Humanities)

Arjun Sundaram

Innovation after disaster: Exploring how natural disasters spark new ideas
Luis Ballesteros (Questrom, Strategy & Innovation)

Lewen Wang

Patent Strategy and Innovation in Biotechnologies
Samantha Zyontz (Questrom, Strategy & Innovation)

Matthew Warren

The Hope & Empowerment for Asian Loss (HEAL) Study
Hyeouk Chris Hahm (SSW, Social Work)