

Kristina Morreale

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EDUCATION:

Regis College

Weston, MA

Master of Arts, Counseling

Degree in progress

Cumulative GPA: 4.00/4.00

University of New Haven

West Haven, CT

Bachelor of Arts, Psychology

Magna Cum Laude

Concentration: Community Clinical Psychology,

Minors: Criminal Justice, Sociology

Cumulative GPA: 3.75/4.00; Honors Program

Advisor: Kento Yasuhara, Ph.D. (*Deceased*)

EXPERIENCE:

Clinical Research Coordinator III

Seddon Lab- Macular Degeneration Center of Excellence

May 2024- present

- Track consent of research participants in accordance with the IRB approved protocols and all applicable regulations including HIPAA.
- Assist with recruitment, screening, maintaining, and terminating study subjects for multiple protocols. Identify, schedule and/or conduct participant study visits, tests and/or interviews/telephone follow up calls.
- Ensure accuracy and completion of all regulatory documentation, including IRB and study data. Provide data/support.
- Develop preliminary designs for study related documentation of data and collection tools, (e.g. questionnaires, treatment data and/or checklists).
- Contribute to grant preparation, assessment of protocol feasibility, manuscript writing, data presentations and Institutional Review Board (IRB) processes.
- Assist with financial /operational aspects of grant and contracts. Responsible for clinical research billing review within the required timeframe.
- Conduct preliminary quality assurance reviews of study data.
- Track and maintain study related information in the data management system within the required timeframe. Present study status reports related to assigned research projects.
- Document and collect data/ samples for research related procedures performed during participant study visits.
- Monitor strict adherence to all study protocols, including all regulatory requirements adhering to appropriate federal, local and institutional guidelines. Identify and resolve issues with protocol compliance. Keep principal investigator and manager aware of any issues regarding compliance.
- Comply with all safety and infection control standards appropriate to this position. Adhere to Good Clinical Practice (GCP) guidelines and all human subject protection practices.
- Responsible for monitoring the inventory of research related supplies. Maintain LN2 freezers, (schedule and perform maintenance).
- Conduct chart reviews and ensure proper protocol for death reports, clinic preparations, and data entry tasks. Collect and store/download imaging scans, such as fundus photography and optical coherence tomography.

Clinical Research Coordinator

Center for Translational Cognitive Neuroscience

June 2022- May 2024

Managed Projects:

Contributions of Mild Traumatic Brain Injury to Neurodegeneration due to Chronic Traumatic Encephalopathy and Alzheimer's Disease – Funding Award: CX002065-02, Career Development Award *PI: Dr. Katherine Turk, MD*

Health Outreach Program for the Elderly, Veterans Affairs- Boston University – Funding Award: P30 AG072978, National Institute of Aging
PIs: Dr. Andrew Budson, MD & Dr. Katherine Turk, MD

- Administered neuropsychological and behavioral research batteries to Veterans across the lifespan (20-90) with a variety of mental health concerns and etiologies including *PTSD, anxiety, mild Traumatic Brain Injuries, dementia, as well as cognitively healthy individuals*
- Prioritized patient safety and comfort throughout all research and outreach activities
- Planned and systemized the start of the longitudinal interdisciplinary research project *Health Outreach Program for the Elderly* at the VA (in association with Boston University) involving mental health and mood surveys, traumatic brain injury impact history, biological specimen collection, MRI, neuropsychological testing, and EEG
 - Trained with dry & wet EEGs (Vox Neuro, Cumulus Neuro) and MRI (Siemens scanner)
- Directed participant recruitment, outreach, eligibility screenings, and scheduling; coordinated research recruitment efforts and neuropsychological exams in VA Neurology Clinic
- Managed IRB submissions including continuing reviews, SRSS reviews, amendments, ICF forms, and other related documentation. Led multiple laboratory audits. Kept detailed study protocol notes and tracked IRB submissions, ICF & HIPAA signatures, and research data
- Performed data cleaning, data analysis, completed literature reviews, poster presentations, and manuscript preparations; assisted with grant writing and grant progress reports
- Collaborated in designing and developing multiple versions of presentation stimuli (E-Prime, Qualtrics, Red-Cap)
- Interviewed, on-boarded, trained, managed, and mentored undergraduate research volunteers/ interns. Provided continued support throughout their experience.
- Organized participant payment and other study expenses; attentive to detail

Research Assistant (Post-grad)

Yale Affective Youth Lab

August 2021- July 2022

PI: Dr. Wan-Ling Tseng, PhD

- Collaborated on multiple projects focused on understanding neurological connections related to childhood irritability
- Strategized development of lab research & manuscript preparation
- Performed participant screening, phone interviews, outreach calls, data cleaning (excel) & analysis (excel, SPSS, R, Mplus)
- Brainstormed with graduate students and post-docs for innovative projects and publications

- Customized and created surveys incorporating peer reviewed inventories and questionnaires (RedCap, Qualtrics)
- Aided recruitment efforts created and disbursed research flyers
- Completed literature reviews and assisted with poster presentations

Research Assistant (Post-grad)

University of New Haven

Winter 2022

PI: Dr. Kento Yasuhara, PhD

- Collaborated with research team members to brainstorm and produce novel hypothesis for manuscript creation, resulting in *Psychiatric Disorders Among Employment Requiring Firearms* publication
- Conducted a literature review through researching over 45 relevant articles, contributing to the successful completion of a manuscript
- Orchestrated and authored the abstract, literature review, and data visualization for the manuscript

Research Assistant

Widener University (& University of New Haven)

2021- 2022

PIs: Drs. Elizabeth Foster, PhD & Kento Yasuhara, PhD

- Organized and coordinated research plan with a team of lab PIs ensuring accuracy of data and efficient workflow execution; collaborated over 3 weeks resulting in completion ahead of timeline
- Created extensive questionnaire survey using Qualtrics with doctoral students to evaluate jury bias on veteran combat status, resulting in a two-fold increase in the ability to collect detailed data
- Conducted thorough literature review, that formed the basis of main study & provided evidence for argument persuasiveness

Research Assistant

University of New Haven's Forensic Psychology Lab

2020- 2021

PI: Drs. Fadia Narchet & Kento Yasuhara

- Conducted reviews of external research to gather points of data, driving objective exploration regarding perceptions of rape victim emotionality.
- Collaborated closely with lab members on literature reviews, brainstorming sessions and data cleaning tasks to curate college students' perception of rape victim emotionality
- Developed summaries of findings, composed presentations detailing research findings & organized meeting notes to share summary reports with lab directors, yielding accurate insights into the perceptions of rape victim emotionality

INDEPENDENT RESEARCH PROJECTS:

Honors Thesis Research Dissertation Defense

2021

University of New Haven

College students perceived level of stress during the pandemic with focus on Adverse Childhood Experiences (ACEs)

- Designed research project and hypothesis based on the COVID-19 pandemic focused on understanding levels of perceived stress in young adult college students.
- Included stress scales pertinent to college students and COVID-19. Created and distributed a survey using Qualtrics then determined appropriate analysis method (MANOVA). Found the relationship was significant (those with present/higher ACEs had increased perceived stress) and wrote up findings in university published research manuscript.

Memory Research Group Capstone Defense
University of New Haven

2021

Memory retention of auditory memory of voice line-ups identification: Choosing from family members

- Designed research project and hypothesis based on limited research performed on auditory memory and interrupted target matching in connection to voice lineups.
- Reviewed pertinent literature providing precise insights on how to fill the gap in the field with the development of our hypothesis/ auditory memory paradigm. Performed data collection, determined appropriate analysis method (chi-square test of independence), analyzed data in SPSS, and wrote up findings in research manuscript.

INTERNSHIPS

Engagement Specialist Intern- Community Care Coordinator
Riverside Community Care Outpatient Center

Milford, MA 2021

- Assist marginalized & vulnerable populations; help them re-adjust to society
- Worked with a population that exhibited a variety of mental health issues
- Organized, managed, scheduled, & created interorganizational relationships
- Administered mental health and behavioral assessments working with a care team
- Performed intake sessions and structured check-ins with clients; made outreach engagement calls
- Maintained a calm and empathetic demeanor throughout patient interactions, identified and reported all behaviors that were potentially harmful to LISCW supervisor

Boys and Girls Club of New Haven at Westrock

New Haven, CT 2020

- Mentored children aged 5-18
- Organized afterschool activities
- Helped students complete (and understand) homework
- Provided students with a positive and safe environment that fostered their creativity

CERTIFICATIONS:

CITI Human Research Training, CITI Good Clinical Practice, and VA Privacy and HIPAA, VA Privacy and Information Security Awareness and Rules of Behavior [WBT], & Government Ethics- the essentials trained.

SKILLS:

- **Active Listening**
 - Demonstrates strong active listening skills in research and care sessions
- **Communication and Writing**
 - Exhibits strong verbal and written communication skills
 - Proficient in manuscript preparation
- **Relationship Building**
 - Builds relationships with clients and co-workers
 - Team player that is focused on project success and team understanding
- **Interdisciplinary Team Collaboration**
 - Collaborated effectively with interdisciplinary professionals (neurologists, neuropsychologists, clinical psychologists, care-team, and social workers)
- **Trauma-informed Care**
 - Provides support to individuals with a history of trauma (including but not limited to Veterans)
- **Care Coordination**
 - Coordinates care for comprehensive client support
 - Assisted in cognitive rehabilitation Veteran referrals in MCI
- **Ethical Practice**
 - Adheres to ethical guidelines within research and clinical settings
- **Data Analysis**
 - Conducts data analysis using excel, SPSS and R
 - Create graphs, charts, tables, data cleaning, and receiver operating characteristics for manuscripts and presentations
- **Computer proficiency**
 - Strong computer skills
 - Quick learner
- **Professional Development**
 - Actively presents at academic and national conferences
- **Medical Chart Familiarity**
 - Reviews medical charts, reviews neuropsychological testing notes, and upcoming appointments
 - Maintains patient confidentiality
- **Neuropsychological Assessments**
 - Administers and scores neuropsychological assessments for clinical and research use

NEUROPSYCHOLOGICAL ASSESSMENTS:

Snellen eye chart	
Ohio state university positive and negative affect schedule	PANAS
Test of memory malingering	TOMM
Mini mental status exam	MMSE
CERAD Word list memory form	CERAD
Trail making	
Verbal fluency	FAS
Category fluency	
Boston naming test	BNT
Word association	WTAR
Judgement of line orientation	JOLO

Ohio state university TBI identification method interview form	OU-TBI
Neurobehavioral symptom inventory	NSI
The Pittsburgh Sleep Quality index	PSQI
PTSD Checklist for DMS-5 (PCL-5) with criterion A	PCL-5
Beck's depression inventory	BDI
Beck Anxiety Inventory	BAI
Short Michigan Alcohol screening test	SMAST
Geriatric anxiety inventory	GAI
Geriatric depression scale	GDS
Montreal Cognitive Assessment	MOCA
Wide range achievement test 4th edition reading test	WRAT-4
Craft story 21 (recall & delayed recall)	
Benson complex figure	
Uniform data set number span test	
Multilingual naming test	MINT
Neuropsychological assessment battery	NAB
Symbol digit modalities	
<u>Questionnaires</u>	
Family history	
Medical history	
Health history	
Perceptions of Inclusion Questionnaire	
Activities of daily living	
Functional Activities Questionnaire	

POST-GRADUATE PRESENTATIONS

- Compassionate Love in Individuals with Alzheimer's Disease and their Spousal Caregivers: Associations with Caregivers' Psychological Health**
 Journal Discussion; VA
 February 14, 2024
- Irritability, Defiant and Obsessive-Compulsive Problems from Childhood to Adolescence**
 Journal Discussion; Yale University
 March 15, 2022
- Network Analyses Literature Review**
 Research Summary Scope of Field Presentation: YAY Lab
 July 6, 2022
- Trauma & Irritability Literature Review**
 Research Summary Scope of Field Presentation: YAY Lab
 July 15, 2022

CONFERENCE POSTERS & PRESENTATIONS:

Morreale, K., Karaca, M., Chadalavada, M., Waskow, E., Hagan, B., DeCaro, R., Anderson, N., Budson, A., & Turk, K. (2024, July 28 – August 1). Examining behavioral estimates of recognition in Veterans with mild TBI at risk of neurodegeneration. Alzheimer's Association International Conference, Philadelphia, USA.

- Morreale, K.,** Karaca, M., Chadalavada, M., Hagan, B., Waskow, E., DeCaro, R., Brown, E., Salat, D., Budson, A., & Turk, K. The relationship between adverse events across the lifespan and issues in memory within a veteran population. Poster/publication in preparation.
- Morreale, K.,** Karaca, M., Chadalavada, M., Waskow, E., Anderson, N., Hagan, B., DeCaro, R., Budson, A., & Turk, K. (2023, November 30- December 1). Examining behavioral estimates of recognition in Veterans with mild TBI. 7th Annual Chronic Traumatic Encephalopathy Conference, Boston, Massachusetts, USA.
- Morreale, K.,** Marin, A., Karaca, M., Hagan, B., Chadalavada, M., Waskow, E., DeCaro, R., Brown, E., Salat, D., Budson, A., & Turk, K. (2023, July 16-20). The relationship between event-related potentials and MRI cortical atrophy in a memory disorders clinic. Alzheimer's Association International Conference, Amsterdam, Netherlands.
- Cotter, G., **Morreale, K.,** Valdegas, A., Clough, M., Beebe, R., Grasso, D., Stover, C., & Tseng, W. (2023, March 23-25). Dynamic processes between irritability and trauma exposure within the family system: A network approach. Society for Research in Child Development, Salt Lake City, Utah, USA.
- Waskow, E., DeCaro, R., **Morreale, K.,** Chadalavada, M., Karaca, M., Hagan, B., Turk, K. W., & Budson, A. E. (April, 2024). False memories and forgetting in Alzheimer's disease and related dementias. Poster to be presented at the AAN Annual Meeting, Denver, CO.
- Chadalavada, M., Karaca, M., Hagan, B., DeCaro, R., **Morreale, K.,** Waskow, E., Budson, A.E., & Turk, K.W. (November, 2023). Neural correlates of recollection and familiarity brain structures in Veterans with traumatic brain injury. Poster to be presented at the Annual CTE Conference, Boston, MA.
- Budson, A. E., Hagan, B., DeCaro, R. E., Karaca, M., Waskow, E., Chadalavada, M., **Morreale, K.,** & Turk, K. W. (March, 2024). Evaluating the memory theory of consciousness. Poster to be presented at the American Psychiatric Association Annual Meeting, Houston, TX.
- Budson, A. E., Hagan, B., DeCaro, R. E., Karaca, M., Waskow, E., Chadalavada, M., **Morreale, K.,** & Turk, K. W. (October, 2023). Evaluating the memory theory of consciousness. Poster presented at the Consciousness - Science, Spirituality and Social Impact Conference, Boston, MA.

PUBLICATIONS:

- Cotter, G., **Morreale, K.,** Valdegas, A., Fish, M., Beebe, R., Damion, G., Stover, C., & Tseng, W. (2024). Associations between trauma exposure and irritability within the family unit: A network approach. *Journal of Child Psychology and Psychiatry*. <https://doi.org/10.1111/jcpp.13998>
- Bellaert, N., **Morreale, K.,** & Tseng, W. (2023). Peer functioning difficulties may exacerbate symptoms of attention-deficit/hyperactivity disorder and irritability over time: A temporal network analysis. *Journal of Child Psychology and Psychiatry*. <https://doi.org/10.1111/jcpp.13911>
- Yasuhara, K., **Morreale, K.,** Talley, D., Cooper, D., Watkins, M., & Coker, K. (2022) Psychiatric disorders among employment requiring firearms. *Journal of Behavioral Science and the Law*, 41 (1) 19-29. <https://doi.org/10.1002/bsl.2570>
- Morreale, K.,** & Yasuhara, K. (2021). Perceived stress of college students during COVID-19: Adverse childhood experiences. *Digital Commons at New Haven*, 40.