CHRISTOPHER A. KRAUSE, M.A.

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Education Research Experience Clinical Experience Peer-Reviewed Publications Poster Presentations

Paper/Oral Presentations Research Support Honors & Awards Professional Service & Mentorship

EDUCATION

2029 [anticipated]	**Doctor of Philosophy in Clinical Psychology**, Specialization: Neuropsychology University of Houston, Houston, TX, USA
2025	**Master of Arts in Clinical Psychology**, Specialization: Neuropsychology University of Houston, Houston, TX, USA M.A. thesis: "Cognitive Outcomes in the Context of Dietary Carotenoids and Inflammation in a Sample of Hispanic/Latin American Adults in the United States" (Mentor: Luis D. Medina, Ph.D.)
2019	**Bachelor of Science in Psychology**, Specialization: Behavioral Neuroscience University of Illinois, Urbana-Champaign, IL, USA

RESEARCH INTERESTS

Alzheimer's Disease and Related Dementias (ADRDs), Clinical Neuropsychology, Cognitive Aging, Community-Engaged Research, Cultural Neuropsychology, Culturally- and Linguistically-Sensitive Neuropsychological Assessment Tools & Normative Data, Diet-Dementia Relationships, Health Disparities, Modifiable Risk/Protective Factors for ADRDs

RESEARCH EXPERIENCE

2023 – Present

Graduate Researcher, Collaborative on Aging Research and Multicultural Assessment (CARMA), University of Houston Department of Psychology, Houston, TX
PI: Luis D. Medina, Ph.D.

- Involvement in the Engaging Communities of Hispanics/Latinos for Aging Research (ECHAR) Network, including collaboration across sites in Houston, TX, Las Vegas, NV, and Boulder, CO.
- Administer comprehensive neuropsychological batteries in the Cognitive Aging in Normal Adults Study (CANAS), score, receive supervision, and provide appropriate feedback to participants upon request
- Assist in generating quarterly newsletters for academic and community member audiences.
- Research interest in diet & nutrition as a protective factor against aging-related cognitive decline in Hispanic/Latin Americans.
- Conduct Clinical Dementia Rating (CDR) interviews as part of a collaboration with Rice University's Project Advocate for Caregivers Together (ACT).
- Collaborate with lab members on publications, grants, and toward achieving individual and collective milestones.

- Provide community members with memory screenings and individualized feedback at community health events via the lab's Mobile Health Unit.

2019 – 2023 **Post-Baccalaureate Research Assistant,** "A Way Out" Program, Rosalind Franklin University of Medicine and Science College of Health Professions, North Chicago, IL
PI: David S. Kosson, Ph.D.

- Assisted in program evaluation and quality assurance of a voluntary, pre-arrest drug diversion program.
- Performed analyses (Excel, SPSS) related to participant demographic, outcome, and other relevant data to identify trends and methods of improvement toward program implementation.
- Assisted in curation of information for quarterly and 6-month reports.
- Presented client outcome summaries to the local health department and local opioid initiative group.

2018 – 2019 **Undergraduate Research Assistant,** University of Illinois at Urbana-Champaign, Agriculture/Entomology Lab, Natural History Survey, Champaign, IL
Joseph L. Spencer, Ph.D.

- Research focused on behavioral and biological aspects of plant pests, primarily the Western Corn Rootworm Beetle.
- Assisted in data collection/entry (SPSS), insect bio-assay, live collection, scheduled planting and maintenance of study plants, insect care.

2017 – 2019 **Undergraduate Research Assistant,** Decision Neuroscience Lab, University of Illinois at Urbana-Champaign Beckman Institute for Advanced Science and Technology, Urbana, IL
PI: Aron K. Barbey, Ph.D.

- Research focused on neural networks of cognition in the contexts of TBI, nutrition, learning, and memory
- Participated in MRI safety training and assisted in an observational MRI study.
- Trained on cognitive assessment via iPad-administered NIH Toolbox.

2017 **Undergraduate Research Fellow,** Summer Research Opportunity Program, Creative Brain Lab, Northwestern University Department of Psychology, Evanston, IL
PI: Mark Beeman, Ph.D.

- Selected to participate in an 8-week intensive research program at Northwestern University in Evanston, IL.
- Utilized an established lab paradigm to design and execute a full-time, independent research project (The Relationship between Schizotypal Personality Traits and Creativity).
- Coordinated and implemented study design, participant recruitment, participation compensation, study protocol/administration, and data collection.
- Conducted analyses, and prepared data into both a paper and poster presentation.
- Presented research to other students and faculty in an open research forum.

2016 – 2017 **Undergraduate Research Assistant,** Attachment, Personality, and Emotions Lab, University of Illinois at Urbana-Champaign Department of Psychology, Champaign, IL
PI: R. Chris Fraley, Ph.D.

- Research focused on external and internal interaction, and their influence on the dynamics/development of close relationships.
- Assisted in running in-lab and off-site studies related to attachment styles in stressful situations.

2015 – 2016 **Undergraduate Research Assistant,** Mindfulness of Interpersonal & Intergroup Relations Lab, University of Missouri Department of Psychology, Columbia, MO
PI: Ann Bettencourt, Ph.D.

- Research focused on implementation of mindfulness practices to improve interpersonal relationships.
- Received an undergraduate research grant from the National Science Foundation.

CLINICAL EXPERIENCE

Assessment

2025 – Present **Neuropsychology Extern,** The University of Texas MD Anderson Cancer Center Department of Neuro-Oncology, Houston, TX
Supervisors: Marianna E. Bradshaw, Ph.D., ABPP; Kyle Noll, Ph.D., ABPP; Jennie Rexer, Ph.D., ABPP; Jeffrey S. Wefel, Ph.D., ABPP

- Independently conduct clinical interviews and neuropsychological assessments with primary CNS brain tumor and non-CNS cancer patients.
- Routinely conduct pre- and post-operative brain tumor resection evaluations.

2024 – 2025 **Neuropsychology Extern,** Houston Methodist Departments of Neurosurgery & Neurology, Houston, TX
Supervisors: Veronica J. Burton, Ph.D.; Mario F. Dulay, Ph.D.; Stella H. Kim, Psy.D.; Kenneth Podell, Ph.D.

- Co-conducted clinical interview and independently conducted neuropsychological assessments with a variety of patient populations spanning neurological and psychiatric disorders.
- Conducted pre-operative evaluations for surgical candidates including deep brain stimulation.

2021 – 2023 **Psychometrist,** University of Chicago Medicine Neuropsychology Service Department of Psychiatry, Chicago, IL
Supervisors: Joseph Fink, Ph.D., ABPP-CN, Maureen Lacy, Ph.D., Todd Nader, M.A.

- Trained in administration, scoring, and interpretation of 30+ neuropsychological assessment tools
- Trained in patient record management, EPIC system navigation, scheduling/appointment documentation, regular contact/coordination with hospital personnel, and billing of neuropsychological services.
- Trained doctoral students on neuropsychological assessment tools in both one-on-one and group/lecture settings.
- Actively collaborated with students on poster presentations for the 2022 and 2023 International Neuropsychological Society (INS) conferences.

Intervention

2025 – Present **Behavioral Health Extern,** Federal Bureau of Prisons Federal Detention Center Houston, Houston, TX

Supervisors: Lesli Johnson, Ph.D., Rogers W. Loche III, Ph.D., Matthew Opesso, Psy.D., Tennille Warren-Phillips, Psy.D., Chrissie Young, Psy.D.

- Provide brief, targeted interventions, and provide immediate, actionable steps and resources to incarcerated individuals with a wide range of psychiatric histories (e.g., serious mental illness).

2025 **Behavioral Health Practicum Student,** University of Houston Health Family Care Center, Houston, TX

Supervisors: David F. Curtis, Ph.D., William Elder, Ph.D., Ashley M. Smith, Psy.D.

- Provide in-person counseling services to adults and families experiencing a broad range of general mental health needs, as well as specialized health concerns (e.g., sexual dysfunction, obesity, coping with chronic illness, substance misuse/abuse, anxiety, depression, adjustment).

2024 – 2025 **Behavioral Health Practicum Student,** Southern Smoke Foundation, Houston, TX

Supervisor: John P. Vincent, Ph.D.

- Provide counseling services via telehealth for individuals from the food & beverage service industry.

PEER-REVIEWED PUBLICATIONS (IN-PREPARATION/UNDER REVIEW)

1. Garcia, J.M., Gonzalez, A.S., **Krause, C.A.,** Escamilla, K.J., Duran, E., Sanchez Cabarcas, S., & Medina, L.D. (Revise & Resubmit). Evaluation of Performance Validity Tests in a Community Sample: Rates of Invalid Performance and Normative Data for English and Spanish Speakers. *The Journal of Clinical Neuropsychology*.
2. **Krause, C.A.,** Garcia, J.M., Ledoux, T., & Medina, L.D. (Under Review). The relationship between dietary intake and neurocognitive outcomes in Hispanic/Latin American adults: A PRISMA systematic review. *Neuropsychology Review.*
3. **Krause, C.A.,** Woods, S.P., Litson, K., Ledoux, T., & Medina, L.D. (Under Review). Cognition, dietary carotenoids, and inflammation among aging Hispanic/Latin American adults in the United States. *The Journal of Nutrition.*
4. **Krause, C.A.,** Gonzalez, A.S., Martinez, M.N., Garcia, J.M., Escamilla, K.J., Duran, E., Vardeman, J., Cobos, K.L., John, S.E., Mullen, R., Woods, S.P., & Medina L.D. (In Preparation). Advancing Health Equity Through Storytelling: A Community-engaged Approach to Alzheimer's Disease Resource Co-Development.
5. Rizvi, S., **Krause, C.A.,** Ochoa-Lopez, A.P., Martinez, M.N., & Medina, L.D. (In Preparation). Clinical Covariates of the Relationship between Polypharmacy and Cognitive Test Performance.
6. Garcia, J.M., Gonzalez, A.S., **Krause, C.A.,** Kiselica, A.M, Woods, S.P., & Medina, L.D. (In Preparation). Boston Puerto Rican Health Study: Normative Data for Spanish-Language Clinical Neuropsychological Measures.

PEER-REVIEWED PUBLICATIONS

1. **Krause, C. A.,** Escamilla, K. J., Hyland, M. T., Gonzalez, A. S., Woods, S. P., Cirino, P. T., Williams, M. W., & Medina, L. D. (2025). An Initial Review of Doctoral Clinical Neuropsychology Coursework Syllabi: Common Trends and Core Competencies*. Journal of Clinical and Experimental Neuropsychology, ePub ahead of print*. https://doi.org/10.1080/13803395.2025.2494650
2. Wisinger, A.M., Gorta, M.Y., Van Patten, R., DesRuisseaux, L.A., Schodt, K., Goodwin, G.J., Hewitt, K.C., **Krause, C.A.,** Tibbs, J.J., Lovato, H.M., & Schmitt, T.R. (2025). Promoting Introductory Knowledge of

Neuropsychology to Underrepresented Minority Students: Findings from Two Years of New2Neuropsychology (N2N) Networking Events. *Journal of Clinical and Experimental Neuropsychology, ePub ahead of print.* https://doi.org/10.1080/13803395.2025.2493671

POSTER PRESENTATIONS

1. **Krause, C.A.,** Gonzalez, A.S., Martinez, M.N., Garcia, J.M., Escamilla, K.J., Duran, E., Vardemann, J., Cobos, K.L., John, S.E., Mullen, R., Woods, S.P., & Medina, L.D. (Accepted). *Advancing Health Equity Through Storytelling: A Community-engaged Approach to Culturally Responsive Alzheimer's Resource Development*. [Poster presentation]. Alzheimer's Association International Conference, London, United Kingdom.
2. Escamilla, K.J., **Krause, C.A.,** & Medina, L.D. (2026, February 4-7). *The Relationship Between Acculturation, Language, and Cognition in Healthy Adults*. [Poster presentation]. 54th International Neuropsychological Society Conference, Philadelphia, PA, United States.
3. Gomez, E.M., **Krause, C.A.,** Hodics, T., Britz, G. & Dulay, M.F. (2026, February 4-7). *Longitudinal Prediction of Cognitive Outcomes 19-months After CVA Involving the Cerebro-cerebellar Network.* [Poster presentation]. 54th International Neuropsychological Society Conference, Philadelphia, PA, United States.
4. **Krause, C.A.,** Garcia, J.M., & Medina, L.D. (2025, October 24). *The Relationship Between Diet and Cognition in Hispanic/Latin American Adults: A Systematic Review*. [Poster presentation]. Houston Neuropsychological Society 2025 Fall Symposium, Houston, TX, United States.
5. **Krause, C.A.,** Gonzalez, A.S., & Medina, L.D. (2025, July 12-15). *Risk Factors for Subjective Memory Concern Endorsement in Ethnoracially Diverse Middle and Late Life Adults*. [Poster presentation]. Alzheimer's Association International Conference, Toronto, Canada.
6. **Krause, C.A.,** Garcia, J.M., & Medina, L.D. (2025, February 12-15). *The Relationship Between Diet and Cognition in Hispanic/Latin American Adults: A Systematic Review*. [Poster presentation]. 53rd International Neuropsychological Society Conference, New Orleans, LA, United States.
7. Ochoa Lopez, A.P., **Krause, C.A.,** & Medina, L.D. (2025, February 12-15). *Characterizing representativeness and dementia risk factors across clinic- and community-based research cohorts*. [Poster presentation]. 53rd International Neuropsychological Society Conference, New Orleans, LA, United States.
8. Wisinger, A.M., Gotra, M.Y., Van Patten, R., DesRuisseaux, L.A., Schodt, K., Goodwin, G.J., Hewitt, K.C., **Krause, C.A.,** Tibbs, J.J., Lovato, H.M., & Schmitt, T.R. (2025, February 12-15). *Promoting Introductory Knowledge of Neuropsychology to Underrepresented Minority Students: Findings from 2 Years of New2Neuropsychology (N2N) Networking Events*. [Poster presentation]. 53rd International Neuropsychological Society Conference, New Orleans, LA, United States.
9. Gonzalez, A.S., Atherton, O.E., **Krause, C.A.,** Garcia, J.M., Martinez, M.M., & Medina, L.D. (2024, July 28-August 1). *Associations of Subjective Memory Concerns with Chronic Stress and Social Support in Mexican Americans: A Longitudinal Study.* [Poster presentation]. Alzheimer's Association International Conference, Philadelphia, PA, United States.
10. **Krause, C.A.,** Gonzalez, A.S., & Medina, L.D. (2024, April 26). *Exploring the effects of subjective cognitive concerns, traumatic brain injury, and social support on objective cognitive outcomes in an ethnoracially diverse population.* [Virtual Poster presentation]. 8th University of Houston Clinical Psychology Doctoral Program Research Showcase, Houston, TX, United States.
11. **Krause, C.A.,** Gonzalez, A.S., & Medina, L.D. (2024, February 14-17). *Exploring the effects of subjective cognitive concerns, traumatic brain injury, and social support on objective cognitive outcomes in an*

ethnoracially diverse population. [Poster presentation]. 52nd International Neuropsychological Society Conference, New York, NY, United States.

12. Gonzalez, A.S., **Krause, C.A.,** Garcia, J.M., Martinez, M.N., & Medina, L.D. (2024, February 14-17). *Subjective memory concerns, chronic stress, and social support in an ethnoracially diverse sample: A cross-sectional study.* [Poster presentation]. 52nd International Neuropsychological Society Conference, New York, NY, United States.
13. Hagy, H., **Krause, C.,** Warnke, P., & Lacy, M. (2024, February 14-17). *Reliable Change and comorbidities in predicting shunt placement in idiopathic normal pressure hydrocephalus.* [Paper presentation]. 52nd International Neuropsychological Society Conference, New York, NY, United States.
14. Kosson, D.S., **Krause, C.A.,** Rosenkranz, J.A., & Patel, K. (2023, May). *The Effectiveness of a Voluntary, Pre-arrest Drug Diversion Program in Lake County, IL.* [Poster presentation]. Rosalind Franklin University and Captain James A. Lovell Federal Health Care Center Joint Poster Day and Platform Presentation, North Chicago, IL, United States.
15. Hagy, H., **Krause, C.,** Grant, J., Warnke, P., & Lacy, M. (2023, February 1-4). *Increased Apathy Post-Laser Ablation for Refractory Obsessive-Compulsive Disorder.* [Poster presentation]. 51st International Neuropsychological Society Conference, San Diego, CA, United States.
16. Haneda, A., **Krause, C.,** & Lacy, M. (2022, February 2-4). *Anosognosia: Our ongoing lack of awareness.* [Virtual poster presentation]. 50th International Neuropsychological Society Conference, New Orleans, LA, United States.
17. Dastrup, K., Grunewald, K., **Krause, C.,** Paller, & K.A., Beeman, M. (2019, May 23-26). *The Relationship between Schizotypal Personality Traits, Sleep, and Problem Solving.* [Poster presentation]. 31st Association for Psychological Science Annual Convention, Washington, D.C, United States.
18. **Krause, C.,** Grunewald, K., & Beeman, M. (2017, August). *The "Sweet Spot" of Problem Solving: The Relationship Between Schizotypy and Creative Insight.* [Poster presentation]. Northwestern University SROP Open Research Forum, Evanston, IL, United States.

PAPER/ORAL PRESENTATIONS

1. **Krause, C.A.,** Woods, S.P., Litson, K., Ledoux, T., & Medina L.D. (2026, February 4-7). *Carotenoids, inflammation, and neurocognitive performance in Hispanic/Latin American adults in the United States.* [Paper Presentation]. 54th International Neuropsychological Society Conference, Philadelphia, PA, United States.
2. **Krause, C.A.,** Gonzalez, A.S., Martinez, M., Garcia, J.M., Escamilla, K.J., Duran, E., & Medina, L.D. (2026, February 4-7). *Community-Informed Refinement of a Telenovela-Based Educational Series to Develop a Multimedia Toolkit for Alzheimer's Disease in Hispanic/Latino Communities.* [Symposium presentation]. 54th International Neuropsychological Society Meeting 2026, Philadelphia, PA, United States.
3. Garcia, J.M., **Krause, C.A.,** Gonzalez, A.S., Escamilla, K.J., Duran, E., Martinez, M., & Medina, L.D. (2026, February 4-7). *Recruitment Source Matters: Cognitive and Health Risk Profiles Across Engagement Pathways* [Symposium presentation]. 54th International Neuropsychological Society Meeting 2026, Philadelphia, PA, United States.
4. Gonzalez, A.S., Garcia, J.M., **Krause, C.A.,** Escamilla, K.J., Martinez, M., Duran, E., & Medina, L.D. (2026, February 4-7). *From Screening to Registry: Building an Infrastructure for Longitudinal Brain Health Research in Culturally and Linguistically Diverse Communities* [Symposium presentation]. 54th International Neuropsychological Society Meeting 2026, Philadelphia, PA, United States.

5. Duran, E., Escamilla, K.J., **Krause, C.A.,** Martinez, M., Gonzalez, A.S., Garcia, J.M., & Medina, L.D. (2026, February 4-7). *Leveraging a Community-Informed Telenovela Toolkit to Promote Brain Health Dialogue and Cognitive Risk Awareness in Diverse Communities* [Symposium presentation]. 54th International Neuropsychological Society Meeting 2026, Philadelphia, PA, United States.
6. Escamilla, K.J., Martinez, M., Garcia, J.M., Gonzalez, A.S., **Krause, C.A.,** Duran, E., & Medina, L.D. (2026, February 4-7). *Community-Driven Messaging to Address Brain Health Literacy in Hispanic/Latino Communities: Insights from the Engaging Communities of Hispanics/Latinos for Aging Research (ECHAR) Network* [Symposium presentation]. 54th International Neuropsychological Society Meeting 2026, Philadelphia, PA, United States.
7. Garcia, J.M., Gonzalez, A. S., **Krause, C.A.,** Escamilla, K.J., Duran, E., Sanchez Cabarcas, S., & Medina, L.D. (2026, February 4-7). *Evaluation of Performance Validity Tests in a Community Sample: Rates of Invalid Performance and Normative Data for English and Spanish Speakers.* [Paper presentation]. 54th International Neuropsychological Society Conference, Philadelphia, PA, United States.
8. **Krause, C.A.,** (2024, February 14-17). *Neuropsychology Meet & Learn: What is Neuropsychology?* [Oral presentation]. New2Neuropsychology/AACN Relevance 2050 Student Pipeline Subcommittee at the 52nd International Neuropsychological Society Conference, New York, NY, United States.
9. **Krause, C.A.,** Patel, K., Rosenkranz, J.A., & Kosson, D.S., (2023, June 17-21). *The Effectiveness of a Voluntary, Pre-arrest, Drug Diversionary Program in Lake County, IL.* [Paper presentation]. 85th College of Problems on Drug Dependence Conference, Denver, CO, United States.

RESEARCH SUPPORT

Under Review

National Institutes of Health/National Institute on Aging, Health Enhancement Scientific Program — Sep 2026 – Aug 2027

Biopsychosocial Risk Profiles for Cognitive Decline and Alzheimer's Disease Among a Diverse Sample of U.S. Adults — $48,000 (sub only)

Role: PI

HONORS & AWARDS

2026	Cullen Fellowship Travel Grant	$750
2025	Texas Psychological Foundation's Honoree Award	$1000
2023	Dr. Gayle M. Rettig Endowed Graduate Fellowship for Neuropsychology	$2000
2023	American Academy of Clinical Neuropsychology Relevance 2050 Initiative/ New2Neuropsychology Travel Scholarship	$550
2022	American Academy of Clinical Neuropsychology Relevance 2050 Initiative/New2Neuropsychology Graduate School Application Scholarship	$500
2018	Dean's List, University of Illinois at Urbana-Champaign	--
2017	Big 10 Academic Alliance Summer Research Opportunity Program	$4500
2015 & 2016	Dean's List, University of Missouri	--
2015	National Science Foundation Undergraduate Research Grant	$200

PROFESSIONAL SERVICE & MENTORSHIP

2025 – Present **Communications Committee Vice Chair,** New2Neuropsychology (N2N)

2024 – Present **The Association of Neuropsychology Students & Trainees (ANST) Interest Group Representative,** The Society for Clinical Neuropsychology, APA Division 40

2024 – 2025 **Undergraduate Outreach Subcommittee Mentor,** University of Houston

- Mentor to 3 undergraduate students during the 2024-2025 academic year.
- Provide support via email or in-person communication.
- Coordinate monthly meetings that cover content relevant to the mentees (e.g., personal statement, cover letter, and CV workshops).

2024 – 2025 **Clinical Neuropsychology Program Student Representative**, University of Houston

2024 **Diversity Publication Subcommittee Chair,** University of Houston

- Coordinated production of the 2024-2025 school year departmental Diversity Newsletter.

2023 **Diversity Engagement, Activism, & Outreach Committee Member**, University of Houston

- Assisted in coordinating year-round events for the department (e.g., Hour of Action) to promote awareness and engagement with culturally diverse materials and concepts.

2022 – 2025 **Resource Development Committee & Student Engagement Committee Joint Committee Member**, New2Neuropsychology (N2N)

- Selected as a liaison between the RDC & SEC, launched and currently manage the N2N Instagram account, and assist in coordinating networking events.
- Led the creation of the N2N Instagram account and currently the acting lead of Instagram development and operations.

CURRENT PROFESSIONAL AFFILIATIONS/MEMBERSHIPS

2025 – Present International Society to Advance Alzheimer's Research and Treatment (ISTAART)

2024 – Present The Association of Neuropsychology Students & Trainees (ANST)

2023 – Present Hispanic Neuropsychological Society

2023 – Present Houston Neuropsychological Society

2023 – Present International Neuropsychological Society

2023 – Present New2Neuropsychology

VOLUNTEER SERVICE

2023 – Present American Indian Center of Houston, Houston, TX

2020 – 2023 **Community Educator**, Alzheimer's Association, Illinois Chapter, Chicago, IL

- Trained to present primarily online seminars regarding various topics related to AD.
- Presentations on topics including the warning signs of AD, the difference between AD and other dementias, preventative healthy lifestyle factors, effective communication strategies, caregiver support, among others.

- Presented on these topics in concise, digestible formats to a wide variety of audiences.