

John W. Capps, PhD

(910)274-1443 • JCapps@NeuroSpa.Clinic

EDUCATION

Doctor of Philosophy in Psychology University of Texas at El Paso Dissertation: <i>“Demographic and Clinical Variables Associated with Transcranial Magnetic Stimulation (TMS) Response in Depression: A Growth Mixture Modeling Study.”</i>	2023
Master of Arts in Experimental Psychology University of Texas at El Paso Thesis: <i>“Adiposity and Arterial Stiffness: Associations with Prefrontal Cortex Hemodynamic Response and Response Inhibition.”</i>	2020
Bachelor of Arts in Psychology with Honors Minors: Chemistry, Biology, & Neuroscience University of North Carolina Wilmington Honors Thesis: <i>“Neuropsychological Test-Retest Performance following Traumatic Brain Injury (TBI) in a Military Population”</i>	2014

CERTIFICATIONS

Neuro-MSD hands on and rTMS Techniques Certificate Neurosoft Inc. High Tech Instruments Inc.	2025
Meditation and Mindfulness Teacher Certificate School of Positive Transformation International Mindfulness & Meditation Alliance (IMMA)	2024
Graduate Certificate in Quantitative Methods in Psychology University of Texas at El Paso	2023

CLINICAL EXPERIENCE

NeuroSpa Clinic Co-Director & Clinical Research Director Neuropsychology, Neuroscience, and TMS Clinic in Ciudad Juarez, Mexico	2024-present
TMS El Paso Neurostimulation & Neurodiagnostic Technician / Lead Researcher Psychiatric and TMS Clinic in El Paso, Texas <i>Director: Alfredo H. Arellano, PMHCNS</i>	2020-present
Private Practice Neuropsychological Testing Technician Private practice in Ciudad Juarez, Chihuahua Mexico <i>Director: Veronica Portillo Reyes, PhD</i>	2015-2024
Cape Fear Clinic Mental Health Intern & Neuropsychological Testing Technician Non-profit clinic in Wilmington, North Carolina <i>Director: Antonio E. Puente, PhD</i>	2012-2015

RESEACH EXPERIENCE

Interdisciplinary Research in Health Sciences Team Researcher / Statistician Universidad Autónoma de Ciudad Juárez <i>Director: Yolanda Loya Mendez, PhD, MD</i>	2017-present
Health, Applied Psychometrics, & JDM Lab Graduate Student Researcher University of Texas at El Paso <i>Director: Osvaldo Morera, PhD</i>	2015-2023
Roger Sperry Neuropsychology Lab Research Assistant University of North Carolina Wilmington <i>Director: Antonio E. Puente, PhD</i>	2012-2015
Aging and Cognitive Training Lab Research Assistant University of North Carolina Wilmington <i>Directors: Karen Daniels, PhD & Jeffery Toth, PhD</i>	2012-2015

BOOK CHAPTERS

Portillo-Reyes, V., **Capps, J. W.**, Loya Méndez, Y., Reyes Leal, G., & Avitia, G. (2019). *Omega-3 and Cognition in Children with Malnutrition*. *Omega Fatty Acids in Brain and Neurological Health*, 143– 159.

PUBLICATIONS

Portillo-Reyes, V., **Capps, J. W.**, Loya-Méndez, Y., & Portillo-Reyes, M. (2022). Psychometric properties of the ASEBA older adult self-report in a Mexican sample. *Current Psychology*. <https://doi.org/10.1007/s12144-022-03022-0>

Portillo-Reyes, V. Ávila-Amaya, J. A., **Capps, J. W.** (2021). Relación del Uso de Redes Sociales con la Autoestima y la Ansiedad en Estudiantes Universitarios. *Enseñanza e Investigación en Psicología*, 3(1).

Rescorla, L. A., Ivanova, M. Y., Achenbach, T. M., Almeida, V., Anafarta-Sendag, M., Almeida V., Anafarta- Sendag M., Bite I., Caldas J.C., **Capps J.W.**, Chen Y.C., Colombo P, da Silva Oliveira M., Dobrean A., Erol N., Frigerio A., Funabiki Y., Gedutienė R., Guðmundsson H. S., Heo M. Q., Kim Y.A., Lee T.S., Leite M., Liu J., Markovic J., Misiec M., Müller M., Oh K.J., Portillo-Reyes V., Retz W., Sebre S.B., Shi S., Sigurðardóttir S.H., Šimulionienė R., Sokoli E., Milijasevic D., Zasepa E. (2020). Older adult psychopathology: international comparisons of self-reports, collateral reports, and cross-informant agreement. *International Psychogeriatrics*, 1–12.

Portillo-Reyes, V., **Capps, J. W.**, Loya-Méndez, Y., Reyes-Leal, G., & Quiñones-Soto, J. (2020). Daily stress and coping strategies: Relationships with anxiety and resilience in preadolescents from Ciudad Juarez, Mexico. *Current Psychology*. 10.1007/s12144-020-00682-8

Ivanova, M. Y., Achenbach, T. M., Rescorla, L. A., Turner, L. V., Dumas, J. A., Almeida V., Anafarta-Sendag M., Bite I., Caldas J.C., **Capps, J. W.**, Chen Y.C., Colombo P, da Silva Oliveira M., Dobrean A., Erol N., Frigerio A., Funabiki Y., Gedutienė R., Guðmundsson H.S., Heo M.Q., Kim Y.A., Lee T.S., Leite M., Liu J., Markovic J., Misiec M., Müller M., Oh K.J., Portillo-Reyes V., Retz W, Sebre SB, Shi S, Sigurðardóttir SH, Šimulionienė R, Sokoli E, Milijasevic D, Zasepa E (2020). The generalizability of Older Adult Self-Report (OASR) syndromes of psychopathology across 20 societies. *International Journal of Geriatric Psychiatry*, 35(5), 525-536.

Avitia, G. C., Méndez, Y. L., Portillo-Reyes, V. P., Leal, G. R., & **Capps, J. W.** (2018). Cravings, sugar and fat consumption as determinant factors of obesity in young adults in Juarez City. *Nutricion hospitalaria*, 35(4), 833-840.

MANUSCRIPTS UNDER REVIEW

Capps, J. W., & Portillo-Reyes, V. Frontal lobe hemodynamic response during inhibition: The impact of body composition and arterial stiffness. Manuscript submitted for publication.

Ochoa-Meza, G., Ortega-Andrade, N., Aceves-Villanueva, Y., **Capps, J. W.**, & Portillo-Reyes, V. The impact of work stressors on mental well-being of university research professors: Mediating role of anxiety and depression. Manuscript submitted for publication.

López-Córdova, A., Almaguer-Laguna, A. S., Portillo-Reyes, V., & **Capps, J. W.** An examination of loneliness and parasocial relationships among Mexican young adults aged 18–25. Manuscript submitted for publication.

Portillo-Reyes, V. **Capps, J. W.**, & Loya Méndez, Y. *Impacto de la Malnutrición en el Neurodesarrollo Infantil en México*. Book Chapter submitted for publication.

PUBLISHED ABSTRACTS

Capps, J. W., Arellano, A. H., Reyes, V. P., Morera, O., & Puente, A. E. (2025). Predictors of TMS Treatment Response among Military-Connected Individuals with Depression: A Retrospective Study in a Borderland Clinic. *Transcranial Magnetic Stimulation*.

- Capps, J. W.**, Arellano, A. H., Reyes, V. P., Morera, O., & Puente, A. E. (2024). Trajectories of TMS response in depression and associated patient characteristics: A growth mixture modeling study. *Transcranial Magnetic Stimulation, 1*, Article 100044.
- Capps, J. W.**, Barrera, E., Hernandez, J., Morera, O. (2018) Índice De Masa Corporal, Presión Arterial, Respuesta Cerebro-Vascular Al Ejercicio y su Relación con el Funcionamiento Cognitivo. *Neuropsicología, Neuropsiquiatría y Neurociencias, 18*(1), 65.
- Francis, M., Wisnoski, J., **Capps, J. W.**, Dedmon, A., & Puente, A. E. (2014). *Processing Speed in Veterans Does Not Appear to be Affected by Loss of Consciousness or Number of Times Blasted*. *Archives of Clinical Neuropsychology, 29*(6), 594-594.
- Capps, J. W.**, Francis, M., Wisnoski, J., Dedmon, A., & Puente, A. E. (2014). Neuropsychological Test-Retest Performance following Traumatic Brain Injury in a Military Population. *Archives of Clinical Neuropsychology, 29*(6), 594-595.
- Wisnoski, J., Francis, M., **Capps, J. W.**, Dedmon, A., & Puente, A. E. (2014). Does Depression Predict Executive Function Performance in a Military Sample?. *Archives of Clinical Neuropsychology, 29*(6), 600-601.
- Wisnoski, J., **Capps, J. W.**, Francis, M.A., Sekely, A.C., Cadwell, A.N., Puente, A.E., Steed, A., & Engelstatter, G.H. (2014). The effects of blast-related traumatic brain injury on executive functions in a large veteran sample. *The Clinical Neuropsychologist, 2014* Vol. 28, No. 4, 700-701.
- Capps, J. W.**, Francis, M.A., Wisnoski, J., Sekely, A.C., Cadwell, M.A., Dedmon, A.N., Puente, A.E., Steed, A., & Engelstatter, G.H. (2014). Retrospective analysis of neuropsychological change in veterans following traumatic brain injury. *The Clinical Neuropsychologist, 2014* Vol. 28, No. 4, 700-701.
- Cadwell, M.A., Puente, A.E., Francis, M.A., **Capps, J. W.**, Wisnoski, J., Dedmon, A.N., Sekely, A.C., Steed, A., & Engelstatter, G.H. (2014). Relationship of PTSD and loss of consciousness. *The Clinical Neuropsychologist, 2014*, Vol. 28, No. 4, 700-701.
- Francis, M.A., Sekely, A.C., **Capps, J. W.**, Wisnoski, J., Dedmon, A.N., Cadwell, M.A., Puente, A.E., Steed, A., & Engelstatter, G.H. (2014). Test of memory malingering as a predictor of atypical response of the Traumatic Symptoms Inventory. *The Clinical Neuropsychologist, 2014*, Vol. 28, No. 4, 700-701.
- Whithers, K., Puente, A.N., Dedmon, A., **Capps, J. W.**, Lindsey, H., Francis, M. Weigand, L., Steed, A., Puente, A.E. (2013). Processing Speed is Traumatic Brain-Injured War Veterans. *Archives of Clinical Neuropsychology, 28*(6), 602.
- Puente, A.E., Lindsey, H., Dedmon, A., **Capps, J. W.**, Whithers, K., Weigand, L., Steed, A. (2013) Neuropsychological Descriptions of Blast Injuries: The Camp Lejeune Blast Data Set. *Archives of Clinical Neuropsychology, 28*(6), 603.

PRESENTATIONS

- Capps, J.W.**, Portillo Reyes, V., Arellano, F., & Morera, O. (June 2025) *Predictors of TMS Treatment Response among Military-Connected Individuals with Depression*. Poster Presented at Clinical TMS Society Conference, San Diego, CA.
- Capps, J. W.** (May, 2025). *Neuromodulación para la conducta alimentaria*. Invited talk presented at the Sindicato de Profesores, Instituto de Ciencias Biomédicas, Universidad Autónoma de Ciudad Juárez (UACJ), Ciudad Juárez, México.

- Capps, J.W.,** Portillo Reyes, V., Arellano, F., & Morera, O. (June 2024) *Trajectories of TMS Response in Depression and Associated Patient Characteristics: A Growth Mixture Modeling Study*. Poster Presented at Clinical TMS Society Conference, London, UK.
- Capps, J.** (March, 2019) *Espectroscopia Funcional del Infrarrojo Cercano (fNIRs), medidas fisiológicas, y pruebas computarizadas; Aplicación a la investigación psicológica*. Symposium at the IV Congreso Estudiantil de Psicología: Congreso Fronterizo Internacional, Universidad Autónoma de Ciudad Juárez, Ciudad Juárez, México.
- Capps, J.** (October, 2019) *Espectroscopia Funcional del Infrarrojo Cercano (fNIRs) y Cognición*. Symposium at XVI Jornada de Psicología Clínica, Universidad Nacional Federico Villareal, Lima, Perú.
- Capps, J.** (October, 2019) *Modelos de Ecuaciones Estructurales*. Workshop at the XVI Jornada de Psicología Clínica, Universidad Nacional Federico Villareal, Lima, Perú.
- Portillo Reyes, V., **Capps, J.** (October, 2019) *Psicología Aplicada a la Obesidad*. Invited symposium at the Universidad Femenina del Sagrado Corazón, Lima, Perú.
- Capps, J.,** Barrera, E., Hernandez, J., Morera, O. (July, 2018) *Índice De Masa Corporal, Presión Arterial, Respuesta Cerebro-Vascular Al Ejercicio y su Relación con el Funcionamiento Cognitivo*. In Y. L. Mendez (Chair) *Enfoque Multidisciplinario De La Obesidad*. Symposium conducted at the X Congreso Internacional Cerebro-Mente, Guatemala, Guatemala.
- Capps, J.,** Barrera, E., Hernández, J., Villasenor, R., & Morera, O. (August, 2017) *Inhibition, Health Metrics, and Change in Brain Oxygenated Hemoglobin during Incremental Exercise*. UTEP COURI Symposium, El Paso, Texas.
- Capps, J.,** Barrera, E., Hernandez, J., & Morera, O. (July, 2017) *BMI, Brain Vascular Response to Exercise, and Cognitive Function*. Poster Presented at BIOPAC T4 Human Physiology Conference, Santa Barbara, CA.
- Capps, J.** (March, 2017). *Functional Near Infrared Spectroscopy: Introduction and Application to Psychological Research*. Psychology Departmental Colloquium presented at UTEP, El Paso, TX.
- Capps, J.** (October, 2016). *Cerebral Hemodynamic response to incremental exercise: Relating health, cerebral response, and cognitive functioning*. Psychology Department Colloquium presented at UTEP, El Paso, TX.
- Capps, J.** (November, 2016). *Relationships between Health, Brain Vascular Response to Exercise and Cognitive Functioning*. Poster presented at the UTEP Graduate Student Research Expo, El Paso, TX.
- Francis, M. A., Wisnoski, J., **Capps, J.,** Dedmon, A., Puente, A. E. (November, 2014). *Processing Speed in Veterans Does Not Appear to be Affected by Loss of Consciousness or Number of Times Blasted*. Poster presented at 34rd Annual National Academy of Neuropsychology, Fajardo, Puerto Rico.
- Capps, J.,** Francis, M. A., Wisnoski, J., Dedmon, A., Puente, A. E. (November, 2014). *Neuropsychological Test-Retest Performance Following Traumatic Brain Injury in a Military Population*. Poster presented at 34rd Annual National Academy of Neuropsychology, Fajardo, Puerto Rico.
- Wisnoski, J., Francis, M. A., **Capps, J.,** Dedmon, A., Puente, A. E. (November, 2014). *Does Depression Predict Executive Function Performance in a Military Sample?* Poster presented at 34rd Annual National Academy of Neuropsychology, Fajardo, Puerto Rico.
- Puente, A.E., Wang, Y., Chen, C., **Capps, J.,** Sekely, A.C. (October, 2014). *Neuropsychological concomitants of TBI and PTSD in a large military sample*. Invited symposium at the Naval Hospital of Camp Lejeune, Jacksonville, NC.

- Wisnoski, J., **Capps J.**, Francis, M.A., Sekely, A.C., Cadwell, A.N., Puente, A.E., Steed, A., & Engelstatter, G.H. (August, 2014). *The effects of blast-related traumatic brain injury on executive functions in a large veteran sample*. In A.E. Puente (Chair), *Neuropsychological assessment of blast injuries*. Symposium conducted at the 122nd Annual Convention of the American Psychological Association, Washington, DC.
- Capps J.**, Francis, M.A., Wisnoski, J., Sekely, A.C., Cadwell, M.A., Dedmon, A.N., Puente, A.E., Steed, A., & Engelstatter, G.H. (August, 2014). *Retrospective analysis of neuropsychological change in veterans following traumatic brain injury*. In A.E. Puente (Chair), *Neuropsychological assessment of blast injuries*. Symposium conducted at the 122nd Annual Convention of the American Psychological Association, Washington, DC.
- Cadwell, M.A., Puente, A.E., Francis, M.A., **Capps J.**, Wisnoski, J., Dedmon, A.N., Sekely, A.C., Steed, A., & Engelstatter, G.H. (August, 2014). Relationship of PTSD and loss of consciousness. In A.E. Puente (Chair), *Neuropsychological assessment of blast injuries*. Symposium conducted at the 122nd Annual Convention of the American Psychological Association, Washington, DC.
- Puente, A.E., **Capps J.**, Francis, M.A., Wisnoski, J., Sekely, A.C., Cadwell, M.A., Dedmon, A.N., Steed, A., & Engelstatter, G.H., (August, 2014). *Traumatic brain injury and PTSD: Neuropsychological outcomes in Marine Corps and naval veterans*. In E.A. Zillmer (Chair), *Emerging issues in military psychology*. Symposium conducted at the 122nd Annual Convention of the American Psychological Association, Washington, DC
- Wisnoski, J., **Capps J.**, Francis, M., Dedmon, A., Sekely, A., Cadwell, M., Mejia, A., Hernandez, M., Sutton, G., & Puente, A.E. (April, 2014) *It's time for psychology: The science of running a campaign for the presidency of the American Psychological Association*. Poster presented at the 2014 North Carolina Psychological Association/North Carolina Psychological Foundation (NCPA/NCPF) Spring Conference, Charlotte, NC.
- Capps J.**, Dedmon A., Francis M., Wisnoski J., Sekely A., Cadwell, M. Mejia A., Puente, A. E. (April, 2014) *Electronically Educating Psychologists About Common Procedural Terminology (CPT)*. Poster presented at the 2014 North Carolina Psychological Association/North Carolina Psychological Foundation (NCPA/NCPF) Spring Conference, Charlotte, NC.
- Capps J.**, Blank, O., & Daniels, K. (April, 2014) *Exercise and Cognitive Performance: Developing Methodology to Monitor Daily Activity and Cognitive Change*. Poster presented at the UNCW Spring Student Showcase, Wilmington, NC.
- Capps J.**, Dedmon A., Francis M., Wisnoski J., Sekely A., Cadwell, M. Mejia A., Puente, A. E. (April, 2014) *Neuropsychological Test-Retest Performance Following Traumatic Brain Injury in the Military: Early Recovery and Reliable Change Indices Differences*. Poster presented at the UNCW Spring Student Showcase, Wilmington, NC.
- Capps J.**, Francis M., Lindsey H., Withers K., Dedmon A., Sekely A., Cadwell M., Wisnoski J., Wiegand L., Puente A. E., Steed A. (October, 2013) *Neuropsychological Evaluation of Military Traumatic Brain Injury*. Poster presented at the UNCW Fall Student Showcase, Wilmington, NC.
- Capps J.**, Francis M., Lindsey H., Withers K., Dedmon A., Sekely A., Cadwell M., Wisnoski J., Wiegand L., Puente A. E., Steed A. (October, 2013) *Post-Traumatic Stress Disorder in a Large Veteran Sample: Results of the Traumatic Symptoms Inventory*. Poster presented at the UNCW Fall Student Showcase, Wilmington, NC.
- Whithers, K., Puente A., Dedmon A., **Capps J.**, Lindsey H., Francis M., Weigand L., Steed A., Puente A. (October, 2013) *Processing Speed in Traumatic Brain Injured War Veterans*. Poster presented at 33rd Annual National Academy of Neuropsychology, San Diego, CA.
- Puente A., Lindsey H., Dedmon A., **Capps J.**, Whithers K., Weigand L., Steed A. (October, 2013) *Neuropsychological Description of Blast Injuries: The Camp Lejeune Blast Data Set*. Poster presented at 33rd Annual National Academy of Neuropsychology, San Diego, CA.

Puente, A. E., Steed, A., Johnson K., **Capps, J.**, Francis, M., Lindsay, H., Withers, K., Dedmon, A., Wiegand, L., Sekely, A., Cadwell, M., & Wisnoski, J. (2013, September). *Neuropsychological evaluations of military traumatic brain injury: Sample composition and blast battery performance*. Poster presentation at the UNCW Hispanic Faculty Research Forum, Wilmington, NC.

Puente, A. E., Steed, A., Johnson K., **Capps J.**, Dedmon A., Francis M., Lindsey H., Withers K. (April, 2013) *Neuropsychological Evaluations of Military Traumatic Brain Injury: An Overview of Sample Composition and Blast Battery Performance*. Poster presented at the North Carolina Psychological Association Spring Conference, Charlotte, NC.

NEWSLETTERS ARTICLES

Puente, A. E., **Capps, J. W.**, Dedmon, A. (September 2014) *Current Procedural Terminology (CPT), Healthcare and Psychological Services*. North Carolina Psychological Association Newsletter.

TEACHING AND MENTORING EXPERIENCE

Associate Instructor **2017-2022**

University of Texas at El Paso

<u>Course</u>	<u>Course Rating</u>	<u>Instructor Rating</u>	<u>Semester</u>
Statistical Methods	4.42/5	4.46/5	Spring 22
Statistical Methods (Hybrid)	4.66/5	4.77/5	Fall 21
Statistical Methods (Online)	4.20/5	4.10/5	Spring 21
Statistical Methods (Online)	4.78/5	4.84/5	Spring 20
Statistical Methods	4.57/5	4.55/5	Fall 19
Statistical Methods	4.76/5	4.83/5	Spring 19
Statistical Methods	4.33/5	4.83/5	Spring 18
Lab for Experimental Psychology	N/A	N/A	Spring 17

BUILDing Scholars Summer Undergraduate Research – Graduate Student Mentor **2017**

University of Texas at El Paso

Graduate Course Teaching Assistant **2016-2020**

University of Texas at El Paso

<u>Course</u>	<u>Course Level</u>	<u>Semester</u>
Applied Correlation and Regression (Online)	Graduate	Fall 20
Applied Correlation and Regression	Graduate	Fall 18
Applied Correlation and Regression	Graduate	Fall 16

GRANTS

Dodson Research Grant **2018**

University of Texas at El Paso

Student Government Association Travel Grant **2024**

University of Texas at El Paso

Dodson Travel Grant **2018**

University of Texas at El Paso **2017**

Graduate Student Travel Grant **2017**

University of Texas at El Paso

AWARDS

Outstanding Dissertation Award University of Texas at El Paso	2024
Cape Fear Psychological Association Award University of North Carolina Wilmington	2014
Undergraduate Research Scholar University of North Carolina Wilmington	2013
Chancellor's Award University of North Carolina Wilmington	2013 2012

OTHER PROFESSIONAL EXPERIENCE

Founder/Director Zen Focus Neuro Wellness – <i>Personalized Neuro Wellness Program Provider</i>	2024-present
Owner/Operator ASEBA Latin America – <i>Psychological Test Distributor for Latin America</i>	2019-present
IT Project Manager - Web Developer / Social Media Manager Diabetes Thyroid Metabolic Clinic – <i>Medical Practice in El Paso, Texas</i>	2023-present
IT Project Manager - Web Developer/ Social Media Manager El Paso Family Doctor / Border Regional Medical – <i>Family Medical Practices in El Paso, Texas</i>	2019-present
IT Project Manager - Web Developer/ Social Media Manager Empower Psychiatry and Sleep, LLC – <i>Psychiatrist Practice in Suwanee, Georgia</i>	2019-2024
IT Project Manager - Web Developer/ Social Media Manager Merus Gastroenterology and Gut Health, LLC – <i>Gastroenterologist Practice in in Suwanee, Georgia</i>	2019-2024
APA Campaign Marketing and Technology Manager Antonio E. Puente, PhD – <i>American Psychology Association Presidential Campaign</i>	2015-2016
Technology Consultant / Web Developer University Neuropsychology – <i>Practice for Antonio E. Puente, PhD in Wilmington, North Carolina</i>	2012-2015

COMMUNITY INVOLVEMENT

Psi Chi International Honor Society - UNCW Chapter -Historian/Webmaster	2013-2014
Psi Chi International Honor Society – UNCW Chapter -Vice-President	2012-2013
UNCW Triathlon Club - Historian/Webmaster	2012-2014
Psi Chi International Honor Society – UNCW Chapter - Philanthropy Coordinator	2011-2012