

# MIGUEL A. MORENO Ph.D.

## Curriculum Vitae

### Address

Texas A&M—Corpus Christi  
6300 Ocean Drive BH-312  
Corpus Christi, TX 78412-5827

### Phone & e-mail

WORK: (361) 825-2205  
FAX: (361) 825-6098  
miguel.moreno@tamucc.edu

## EDUCATION

Arizona State University	Cognitive Systems	Ph.D., 2002
Dissertation: A nonlinear dynamical systems perspective on response time distributions		
Chair: Guy Van Orden		
Arizona State University	Psychology	M.A., 1998
Arizona State University-West	Psychology	B.A., 1992

## PROFESSIONAL APPOINTMENTS

### Faculty Appointments

2015-Present	Texas A&M—Corpus Christi	Associate Professor
2009-2015	Texas A&M—Corpus Christi	Assistant Professor
2008-2009	Trinity College	Visiting Assistant Professor
2007-2008	Eastern Connecticut State Univ.	Visiting Assistant Professor
2006-2007	College of the Holy Cross	Visiting Assistant Professor
1993-1994:	Arizona State University West	Academic Associate

### Research Positions

2006-2011	Haskins Laboratories	Senior Research Scientist
2002-2006	Haskins Laboratories	Post-Doctoral Associate (NIH)
2000-2002:	Arizona State University	Graduate Research Assistant
1996-1998:	Raytheon Training Inc.	Graduate Intern
1994-1996:	Arizona State University	Graduate Research Assistant

### Professional Affiliations

Association for Psychological Science  
Southwestern Psychological Association

## PUBLICATIONS

### Journal Articles

Reader, S., & Moreno, M. A., (2017). Haste makes distaste. *Food Studies*, 8(1), 23-33.

Lee, Y., Moreno, M. A., Carello, C., & Turvey, M. T. (2013). Do phonological constraints on the spoken word affect visual lexical decision? *Journal of Psycholinguistic Research*, 42(2), 191-204.

- Perez, M. H., Torres, R., & Moreno, M. A. (2011). A quantitative analysis of the achievements of children with special needs in two-way immersion programs and English as a second language in Texas. *The Journal of Border Educational Research, 10*, 163-179.
- Moreno, M. A., Stepp, N., & Turvey, M. T. (2011). Whole body lexical decision. *Neuroscience Letters, 490*, 126-129.
- Berent, I., Lennertz, T., Jun, J. Moreno, M. A., & Smolensky, P., (2008). Language universals in human brains. *Proceeding of the National Academy of Science, 105*, 5321-5325.
- Silva, P. Moreno, M. A., Mancini, M., Sergio, F., & Turvey, M.T. (2007). Steady-state stress at one hand magnifies the amplitude, stiffness, and non-linearity of oscillatory behavior at the other hand, *Neuroscience Letters, 429*, 64-68.
- Lukatela, G., Eaton, T., Moreno, M. A., & Turvey, M. T. (2007). Equivalent inter- and intra-modality long-term priming: Evidence for a common lexicon for words seen and words heard. *Memory & Cognition, 35*, 781-800.
- Lee, Y., Moreno, M. A., Park, H., Carello, C., & Turvey, M. T., (2006). Phonological assimilation and visual word recognition. *Journal of Psycholinguistic Research, 35*, 513-530.
- Turvey, M. T. & Moreno, M. A., (2006). Physical metaphors for the mental lexicon. *The Mental Lexicon, 1*, 7-33.
- Van Orden, G. C., Moreno, M. A., & Holden, J. G. (2003). A proper metaphysics for cognitive performance. *Nonlinear Dynamics, Psychology, and Life Sciences, 7*, 49-60.
- Moreno, M. A., Buchanan, L., & Van Orden, G. C. (2002). Variability of Aphasic patients' lexical decision times. *Brain and Cognition, 48*, 469-474.
- Pierce, B. J., Arrington, K. F., & Moreno, M. A. (1999). Motion and stereoscopic tilt perception. *Journal of the Society for Information Display (JSID), 7*, 193-206.
- Watanabe, T., Nájnez, J. E. Sr., & Moreno, M. A. (1995). Depth release of illusory contour shape in Ehrenstein Grid. *Vision Research, 35*, 2845-2851.

### **Book Chapters**

- Moreno, M. A. & Turvey, M. T. (2008). Self-organizing systems. In P.C. Hogan (Ed.), *The Cambridge Encyclopedia of the Language Sciences*. New York: Cambridge University Press.
- Carello, C. & Moreno, M. A. (2005). Why non-linear methods? In M.A. Riley & G. Van Orden (Eds.), *Tutorials in Contemporary Nonlinear Methods for the Behavior Sciences*. National Science Foundation Program in Perception, Action, & Cognition.
- Moreno, M. A., & Van Orden, G. C. (2000). Cognitive psychology of word recognition. In M. Lax (Ed.), *International Encyclopedia of the Social & Behavioral Sciences: Vol. 24*. (pp. 16555-16561). Oxford: Elsevier Science LTD.

## Conference Proceedings

Vaz, D. V., Moreno, M. A., Stepp, N., Abdolvahab, M., & Turvey, M. T. (2011). Whole body decision methodology. In E. P. Charles & J. L. Smart (Eds), *Studies in Perception and Action* Vol. XI. Taylor & Francis Group, LLC.

## Presentation

### Conference Presentations

- Murry, A.L. & Moreno, M. A. (2018, April). Social status influence on implicit ethnic bias. Poster presented at the Southwestern Psychological Association Annual Conference, Houston, TX.
- Reader, S.W., & Moreno, M. A. (2017, October). Can't stomach the thought: Implication of an unpleasant bias towards obesogenic foods. Oral Presentation at the International Conference on Food Studies Annual Conference, Rome, Italy
- Murry, A.L. & Moreno, M. A. (2017, September). Social status influence on implicit gender bias. Oral Presentation at the 14<sup>th</sup> Annual Pathways Research Symposium, Tarleton State University, TX.
- Reader, S.W., & Moreno, M. A. (2017, August). Evaluating the methodology of health campaigns: Food for thought. Poster presented at the American Psychological Association Annual Conference, Washington, D.C.
- Reader, S.W., & Moreno, M. A. (2017, April). Everyone is bigger in Texas: Measuring implicit consumer attitudes towards obesogenic foods. Poster presented at the Southwestern Psychological Association Annual Conference, San Antonio, TX.
- McDonald, R., Bhatia, S., Grime, M., Moreno, M. A., Read, D., Lau, W. I., & Li, Z. (2015, September). Inconsistent planning in the allocation of time across leisure and work. Paper presented at the Network for Integrated Behavioural Science Annual Conference, Nottingham, England
- Brouillard, P.J., Jones, A.L., & Moreno, M. A. (2015, April). Breast cancer awareness in South Texas. Poster presented at the Southwestern Psychological Association Annual Conference, Wichita, KA.
- Perkins, M., & Moreno, M. A. (2015, April). Individualistic priming on donation choices. Poster presented at the Southwestern Psychological Association Annual Conference, Wichita, KA.
- Bierstedt, L. Moreno, M. A. & Glanc, G (2014, November). Courage on the rocks: Influence over physiological factors by alcohol expectancies. Oral presentation at the International Organization of Social Science and Behavioral Research, Austin, TX.
- Bierstedt, L. & Moreno, M. A. (2014, February). Increase alcohol expectancies in shy individuals may influence consumption habits. Poster presented at the 25<sup>th</sup> annual convention for the Society for Personality and Social Psychology, Austin, TX.
- Abdolvahab, M., Moreno, M. A., Stepp, N., Vaz, D., & Turvey, M. T. (2013, July). Mental Chronometry in cognitive performance measured by anticipatory postural adjustments. Poster presented at the Progress in Motor Control IX, Montreal, Canada.

- Bierstedt, L. & Moreno, M. A. (2013, May). Increase alcohol expectancies in shy individuals may influence consumption habits. Poster presented at the 25<sup>th</sup> annual convention for the Association for Psychological Science, Washington, DC.
- Bierstedt, L. & Moreno, M. A. (2013, April) Exploring the relationship between shyness and alcohol expectancies. Poster presentation at the 59<sup>th</sup> annual convention of the Southwestern Psychological Association. Fort Worth, TX.
- Crawford-Grime, M. & Moreno, M. A. (2013, April). The crisis of suggestion: Propaganda and risky behavior. Paper presented at the 59<sup>th</sup> annual convention of the Southwestern Psychological Association, Fort Worth, TX.
- Crawford-Grime, M. & Moreno, M. A. (2012, April). When rational decisions go wrong. Poster presented at the 58<sup>th</sup> annual convention of the Southwestern Psychological Association, OK.
- Crawford-Grime, M & Moreno, M. A. (2011, April). Memory and meditation: Countering the influence of stress. Poster presented at the 57<sup>th</sup> annual convention of the Southwestern Psychological Association, OK.
- Moreno, M. A. (2006, March). A W-function approach to timing dynamics. Talk presented at the 16<sup>th</sup> New England Sequence and Timing, CT.
- Olmstead, A.J., Arzamarski, R., Moreno, M. A., & Pellechia, G. (2005, July). The effects of coordination stability on simple reaction time in dual task performance. Poster presented at the 13<sup>th</sup> International Conference on Perception and Action. Monterey, CA.
- Tabor, W., Moreno, M. A., & Schults, A. (2004, March). Long tails of reading time distributions modeled by a self-organizing parser. Poster presented at the 17<sup>th</sup> Annual CUNY Sentence Processing Conference, University of Maryland, March.
- Moreno, M. A. (2003). Strategic Assembly. Paper presented at the 12th International Conference on Perception and Action. Gold Coast, Australia, July.
- Moreno, M. A., Kleider, H., & Homa, D. (2000). Selective attention and the size of the cued region. Poster presented at the 41st Annual Meeting of the Psychonomic Society, New Orleans, LA, November.
- Arrington, K. F., Pierce, B. J., & Moreno, M. A. (1998). Hysteresis in ocular torsion under varying luminance. ARVO Abstracts, Investigative Ophthalmology & Visual Science, 39(4), p.S623.
- Arrington, K. F., Pierce, B. J., & Moreno, M. A. (1998). Slant perception as a function of size disparity and image motion. Paper presentation, Society for Information Display: SID 98 Digest, p.1203-1206.
- Arrington, K. F., Pierce, B. J., & Moreno, M. A. (1997). Inclination Perception With Moving Stimuli. ARVO Abstracts, Investigative Ophthalmology & Visual Science, 38(4), 1997, p.S905.
- Mukai, I., Moreno, M. A., & Watanabe, T. (1996, April). Motion correspondence determined by structure. Poster presented at the 37th annual meeting of the Association of Research in Vision and Ophthalmology. Fort Lauderdale, FL, April.
- Watanabe, T., Moreno, M. A., & Náñez, J. E. Sr. (1995, April). Depth release in the Ehrenstein grid. Poster presented at the 36th annual meeting of the Association of Research in Vision and Ophthalmology. Fort Lauderdale, FL, April.

### **Invited Colloquia**

Moreno, M.A., (October, 2000). *Multistability in word naming*. University of Connecticut, Psychology & Linguistic Seminar.

Moreno, M.A., (May, 2004). *Dynamical systems approach to cognition*. Kangnam University, South Korea, 21<sup>st</sup> Century Psychology Perspective: Ecological – Dynamical Systems approach.

### **AWARDS & GRANTS**

- 2018 Research Enhancement Grant  
Title: Information processing deficiencies in aging adults: an investigation to aid healthy cognitive aging: Amount awarded: \$5000  
Sponsor: Division of Research, Commercialization, and Outreach
- 2016 Research Enhancement Grant  
Title: Conscious and nonconscious associations impacting food choices: Amount awarded: \$5000  
Sponsor: Division of Research, Commercialization, and Outreach
- 2014 Innovation Grant  
Title: Strengthening and diversifying undergraduate research participation: Amount awarded: \$22,843  
Sponsor: Office of the Provost at TAMUCC
- 2014 Outstanding Master's Mentor Award: Amount awarded: \$1,000  
Sponsor: Graduate College at TAMUCC
- 2010 Extramural Associates Research Development Award  
Title: Mathematic modeling of manual tapping: Amount awarded: \$9,150  
Sponsor: NIH
- 2009 University Research Enhancement Grant.  
Titled: Anticipatory postural adjustments under cognitive task requirements: Amount awarded: \$508.83
- 2009 Texas Research Development Fund Grant.  
Titled: Self-sustained oscillatory model of rhythmic tapping: Amount awarded: \$14,195  
Sponsor: College of Graduate Studies
- 2002-2006: Post-Doctoral Associate: Research Supplemental for Underrepresented Minorities  
Sponsor: NIH

### **TEACHING & STUDENT RESEARCH MENTORING**

#### **Graduate Level Courses**

PSYC-5321 Biological Basis of Behavior  
(previously named: Advanced Physiological Psychology)

#### **Undergraduate Level Courses**

PSYC-3342 Cognitive Psychology

PSYC-3343 Learning & Behavior (previously named: Learning & Memory)  
PSYC-3346 Psychology of Language  
PSYC-4354 Sensation & Perception

## **Research Mentoring**

### Theses and dissertation

- Tinsley, D. (Spring 2018). Social anxiety interventions: Reappraisal versus acceptance and values. Committee member of M.A. thesis, Psychology and Sociology department. Chair: Olga Berkout, Ph. D.
- Murray, A. (Spring, 2018). Social status influence on implicit bias. Chair of M.A. thesis completed in the Psychology and Sociology department.
- Saldivar, S. (Spring, 2018). Social exclusion: Ego depletion and self-awareness. Committee member of M.A. thesis, Psychology and Sociology department. Chair: Gina Glanc, Ph. D.
- Reader, S. (Spring, 2017). Associations impacting food choices. Chair of M.A. thesis completed in the Psychology and Sociology department
- Zhao, Y. (Fall, 2016). Children's moral evaluation of lie-telling and truth telling in modesty context. Committee member of M.A. thesis, Psychology and Sociology department. Chair: Lisa Comparini, Ph. D.
- Torres, V. (Summer 2014). Children's use of directives in conflict talk: Age and gender differences. Committee member of M.A. thesis, Psychology and Sociology department. Chair: Lisa Comparini, Ph. D.
- Bierstedt, L. (Fall, 2013). Courage on the rocks, please: The effects of alcohol expectancies on shy individuals in nonconsumptive interactions. Chair of M.A. thesis completed in the Psychology and Sociology department.
- Ramirez-Boatright, C. (Spring, 2013). Assessments for English language learners: An analysis of informal reading inventories. GFR member of Ph.D. dissertation committee, Curriculum and Instruction. Chair: Dan Pearce, Ph.D.
- Douglas, E. (Fall, 2011). Mental state talk and conflict resolution in preschool children's peer conflicts. Committee member of M.A. these, Psychology department. Chair: Lisa Comparini, Ph. D.
- Perez, M. (Fall, 2010). A quantitative analysis of academic achievements of children with special needs in two-way immersion programs in Texas. Committee member of Ph.D. dissertation, Department of Bilingual Education. Chair: Roberto Torres, Ph.D.

### ELITE project mentor

- Bierstedt, L. (2012-2013). Exploring the relationship between shyness and alcohol expectancies.
- Crawford-Grime, M. (2012). The crisis of suggestion: Propaganda and risky behavior.

### McNair Scholars Program

- Perkins, M. (2015). Money priming on donation choices.

Crawford-Grime, M. (2011). When rational decisions go wrong.

Crawford-Grime, M. (2010). Recognition memory and meditation: Countering the influence of stress.

### Honors Program

Proksch, S. (2015). Music and language in the mind: Evolutionary origin, neural representation, and cognitive functioning.

Horton, B. (2011-2012): Pattern swims as an anticipatory behavior in two cetacean species of the Vancouver aquarium.

### **Professional Development**

2014	Certificate of professional development in best practices for online course design, TAMUCC
2014	High-Impact Practices for Improved Student Learning, TAMUCC
2011	Peer Collaboration Workshop, TAMUCC
2008-2009	Center for Teaching and Learning New Faculty Seminar, Trinity College

### **University, Department, & Professional Service**

#### **University Level**

Office of Research Compliance Hiring Committee (Spring 2019 – Present).

SACCOC Faculty Subcommittee (Spring 2018 – Present). Conduct a readiness audit and to draft narratives for its assigned standard.

Research Compliance Task Force (Spring 2018 – Present). Recommend solutions on facilitating the compliance process while conforming to governing regulations

Instructional Technology and Distance Education (Fall 2018 – Present). ITDEC evaluates options, reviews and recommends rules and procedures, and provide advice regarding TAMUCC's distance education efforts.

Aging in Place Initiative working group (Spring 2016 – Present). Plan and recommend strategic steps that will make best use of university faculty and researcher's capabilities to meet our research, teaching, and service goals in the conduct of the aging in place initiative.

Council of Principle Investigators and Research Administrators (CPIRA) (July 2014-Present): Appointed member of a council charged with recommending practices and policies that enhance the research environment for faculty, students and staff.

Merit & Equity Task Force (Fall 2017 – Spring 2018). Develop strategic plan for equity bumps and reducing salary compression for full-time faculty.

Search Committee for Director of Research Compliance (Summer 2017 – Fall 2017).

Council of Principle Investigators and Research Administrators Chair (Fall 2015 – Fall 2016)

Council of Principle Investigators and Research Administrators Vice Chair (Summer 2014 – Fall 2015).

Council of Principle Investigators and Research Administrators Executive Committee (Fall 2014 – Fall 2018).

Faculty Senate (Spring 2013-Spring 2015; Spring 2017-Present): Elected senate representative from the College of Liberal Arts at TAMUCC.

Faculty Senate Deputy Speaker (Spring 2018-Present): Elected by senators of the faculty senate.

Faculty Senate Awards, Bylaws & Elections Committee Chair (Spring 2018-Present): Elected by senators of the faculty senate.

Faculty Senate Parliamentarian (Spring 2014-Spring 2015): Appointed as senate parliamentarian by the speaker.

Faculty Senate Executive Committee (Spring 2013-Spring 2014; Spring 2018-Present): Appointed member representing the College of Liberal Arts.

Faculty Senate - Faculty Affairs Committee (Spring 2013-Spring 2014): Appointed member.

Institutional Review Board (Summer 2011-Spring 2012): Appointed member of a board charged with maintaining ethical standards of research involving human subjects at TAMUCC.

Graduate Council (Spring 2011): Appointed member of a council charged with recommending practices and policies that enhance the quality of the TAMUCC graduate programs.

### **Department Level**

Comprehensive Exam development (2009-present): construct questions and assess student performance.

Hooding Ceremony (Fall 2015, Spring 2016, Fall 2016, Spring 2017, Fall-2017, Spring 2018)

Admissions Committee for M.A. students (2013, 2014, 2016, 2018): Evaluate and approve of applicants.

Psychology & Sociology Colloquium Presenter (Fall-2017, Fall 2018)

Cognitive Search Committee member (Spring 2011): Part of a committee charged with reviewing and selecting application for a replacement faculty member to begin in Fall 2011.

Visiting Professor Search Committee member (Summer 2010): Part of a committee charged with reviewing and selecting application for a temporary faculty member to begin in Fall 2010.

Cognitive Search Committee member (Spring 2010): Part of a committee charged with reviewing and selecting application for a replacement faculty member to begin in Fall 2010.



## **Professional Level**

Worth Publishers Reviewer (2012): Reviewer for the undergraduate textbook, *Cognition: Theory and practice* by Russell Revlin.

Pearson Publishers Virtual Brain 2.0 Reviewer (Spring 2011-Fall 2013): Invited biological psychology instructor to review the structure and function of a virtual brain instructional feature being developed.

Nellie May Project Compass Subcommittee member (Spring 2008): Part of a grant awarded to Dean Cid aimed at the improving retention, persistence, and graduation rates of minority, first generation, and low income students. The subcommittee that I serve on is charged with determining what is necessary to improve advising at ECSU from a faculty perspective.

President of the Mount Hope Montessori School Board of Directors (2005-2008): I have served for three years as the president of the board of directors of this early childhood education institute which has been a part of the Mansfield, CT community since 1961.