

Curriculum Vitae
Nicholas D. Duran
dynamicog.org

Current Position

Assistant Professor of Psychology, Arizona State University, School of Social and Behavioral Sciences, 2013-present

Previous Positions

Postdoctoral Researcher, University of California, Merced, Cognitive and Information Sciences, Merced, CA, 2011-2013

Honorary Senior Research Associate, University College London, Division of Psychology and Language Sciences, London, UK, 2011-2013

Education

Ph.D., Experimental Psychology (Cognitive Science Emphasis), University of Memphis, Memphis, TN, 2011

M.S., Experimental Psychology (Cognitive Science Emphasis), University of Memphis, Memphis, TN, 2007

B.A., Psychology (Psycholinguistic Emphasis), University of California, Riverside, Riverside, CA, 2005

Grant Funding

Grant Support (Active)

Role: PI. Collaborative research: Interpersonal coordination and coregulation during collaborative problem solving.

NSF EHR Core Research, \$358,892, April 2017-March 2020

Role: Co-I. The next frontier in diabetes communication: Promoting health literacy in the era of secure messaging.

NIH National Library of Medicine, \$48,864 (\$654,338 ASU Total), September 2015-August 2020

PI: Dean Schillinger, Andy Karter (UC San Francisco), ASU PI: Danielle McNamara

Grant Support (Pending)

Role: Co-PI. A Gesture-based Assessment and Embodied Games for STEM Education.

NSF DRK-12, \$18,261 (Total: \$540,304), Effort: 10%

PI: Mina Johnson (Arizona State University)

Role: Co-I. Promoting Diabetes Medication Adherence: Comparative Effectiveness of Linguistic Matching in Digital Communication.

Patient-Centered Outcomes Research Institute (PCORI), \$41,858 (ASU Total: \$366,238), Effort: 7%
 PI: Dean Schillinger, Andy Karter (UC San Francisco), ASU PI: Danielle McNamara

Grant Support (Completed)

Role: Co-PI, Couple's co-regulation processes during real-time interactions: An examination of behavior and emotion.

Institute for Social Science Research, Arizona State University, \$8,700, Effort: 50%, 2014.

Fellowship Support

Role: PI. Uncovering the cognitive processes and underlying dynamics of deception.

SBE NSF Minority Postdoctoral Research Fellowship, \$120,000, July 2011-August 2013.

Role: PI. Predicting deception from text cohesion.

SBE NSF Graduate Research Fellowship, \$120,000, August 2006- June 2009.

Publications

Refereed Journal Publications

Crossley, S., **Duran, N. D.** Kim, Y, Lester, T., & Clark, S. (*under review*). An action dynamics approach to understanding passive processing of L1 and L2 speakers of English.

Duran, N. D., Nicholson, S., & Dale, R. (*in press*). The hidden appeal and aversion to political conspiracies as revealed in the response dynamics of partisans. *Journal of Experimental and Social Psychology*.

Duran, N. D. & Fusaroli, R. (2017). Conversing with a devil's advocate: Interpersonal synchronization dynamics in deception and conflict. *PLoS ONE*. 12(6): e0178140.

Schillinger, D, McNamara, D, Crossley, Scott, Moffet, H, Sarkar, U, **Duran, N. D.**, Allen, J, Oryn, D, Karter, A. J. (2017). The next frontier in communication and the ECLIPPSE study: Bridging the digital divide in secure messaging. *Journal of Diabetes Research*, 2017, 1-9.

Coco, M. I., & **Duran, N. D.** (2016). When expectations collide: Action dynamics reveal the interaction between stimulus plausibility and congruency. *Psychonomic Bulletin & Review*, 23, 1920-1931.

Duran, N. D., Dale, R., & Galati, A. (2016). Towards integrative dynamic models for adaptive perspective-taking. *Topics in Cognitive Science*, 8, 761-779.

Tabatabaeian, M.*, Dale, R., & **Duran, N. D.** (2015). Self-serving dishonest decisions can show facilitated cognitive dynamics. *Cognitive Processing*, 16, 291-300.

Duran, N. D., Dale, R., & Richardson, D. (2014). A mass assembly of associative mechanisms: a dynamical systems account of natural social interaction. *Behavioral and Brain Sciences (commentary)*, 37, 198.

Duran, N. D., & Dale, R. (2014). Perspective-taking in dialogue as self-organization under social constraints. *New Ideas in Psychology*, 32, 131-146.

Dale, R. & **Duran, N. D.** (2013). Dealing with complexity differently: from interaction-dominant dynamics to theoretical plurality. *Ecological Psychology*, 25, 248-255.

Duran, N. D., & Dale, R., Kello, C., Street, C. N. H., & Richardson, D. C. (2013). Exploring the movement dynamics of deception. *Frontiers in Cognitive Science*, 4, 1-16.

Dale, R., **Duran, N. D.**, & Morehead, J. R.* (2012). Prediction during statistical learning, and implications for the implicit/explicit divide. *Advances in Cognitive Psychology*, 8, 196-209.

Duran, N. D., & Dale, R., & Kreuz, R. J. (2011). Listeners invest in an assumed other's perspective despite cognitive cost. *Cognition*, 121, 22-40.

Dale, R. & **Duran, N. D.** (2011). The cognitive dynamics of negated sentence verification. *Cognitive Science*, 35, 983-996.

Myers, J. C.,** McCarthy, P. M., **Duran, N. D.**, & McNamara, D. S. (2011). The bit in the middle: A computational analysis of the linguistic features of body paragraphs. *Behavior Research Methods*, 43, 201-209.

Duran, N. D., Dale, R., & McNamara, D. S. (2010). The action dynamics of overcoming the truth. *Psychonomic Bulletin & Review*, 17, 486-491.

Duran, N. D., McCarthy, P. M., Hall, C., & McNamara, D. S. (2010). The linguistic correlates of conversational deception: Comparing natural language processing technologies. *Applied Psycholinguistics*, 31, 439-462.

Bellissens, C., Jeuniaux, P., **Duran, N. D.**, McNamara, D. S. (2010). A text relatedness and dependency computational model: Using Latent Semantic Analysis and Coh-Metrix to predict self-explanation quality. *Studia Informatica Universalis*, 8, 85-125.

McCarthy, P. M., Hall, C., **Duran N. D.**, Doiuchi, M., Duncan, B., Fujiwara, Y., & McNamara, D. S., (2009). A computational analysis of journal abstracts written by Japanese, American, and British scientists. *The ESPecialist*, 30, 141-173.

Dale, R., Roche, J., & **Duran, N. D.** (2008). Language is complex. *International Journal of Psychology and Psychological Therapy*, 8, 351-362. **[Invited Article]**

McCarthy, P. M., Renner, A. M.** Duncan, M. G., **Duran, N. D.**, Lightman, E. J.,** & McNamara, D. S. (2008). Identifying topic sentencehood. *Behavior Research Methods*, 40, 647-664.

Duran, N. D., McCarthy, P. M., Graesser, A. C., & McNamara, D. S. (2007). Using temporal cohesion to predict temporal coherence in narrative and expository texts. *Behavior Research Methods*, 39, 212-223.

Refereed Conference Proceedings (6-page)

Heidari, A.*, D'Arienzo, M.*, Crossley, S. A., and **Duran, N.** (2017). Computational analysis of lexical and cohesion differences in deceptive language: The role of accordance. *In Proceedings of the 30th International Florida Artificial Intelligence Society Conference (FLAIRS 2017)*.

- Duran, N. D.**, Nicholson, S., & Dale, R. (2015). Tracking the response dynamics of implicit partisan biases. *Proceedings of the 37th Annual Conference of the Cognitive Science Society*. Austin: TX: Cognitive Science Society.
- Coco, M. I. & **Duran, N. D.** (2015). Incidental memory for naturalistic scenes: Exposure, semantics, and encoding. *Proceedings of the 37th Annual Conference of the Cognitive Science Society*. Austin: TX: Cognitive Science Society.
- Tabatabaieian, M.*, Dale, R., & **Duran, N. D.** (2014). Facilitation of dishonesty in self-serving tasks. *Proceedings of the 36th Annual Conference of the Cognitive Science Society* (pp. 1562-1567). Austin: TX: Cognitive Science Society.
- Duran, N. D.** & Dale, R. (2012). Increased vigilance in monitoring others' mental states during deception. In N. Miyake, D. Peebles, & R. P. Cooper (Eds.), *Proceedings of the 34th Annual Conference of the Cognitive Science Society* (pp. 1518-1523). Austin: TX: Cognitive Science Society.
- McCarthy, P. M., **Duran, N. D.**, & Booker, L. M.* (2012). The devil is in the details: New directions in deception analysis. *In the Proceedings of the 25th Annual Conference of the International Florida Artificial Intelligence Research Society*, Marco Island, FL. **[Invited Proceeding]**
- Duran, N. D.** & Dale, R. (2011). Spatial cognition adapts to social context. *Proceedings of the 33rd Annual Conference of the Cognitive Science Society* (pp. 1111-1116). Boston, MA.
- Duran, N.D.**, Crossley, S., Hall, C., McCarthy, P., & McNamara, D. S. (2009). Expanding a catalogue of deceptive linguistic features with NLP technologies. *In the Proceedings of the 22nd Annual Conference of the International Florida Artificial Intelligence Research Society*, Sanibel Island, FL.
- Duran, N. D.** & Dale, R. (2009). Predictive arm placement in the statistical learning of position sequences. *Proceedings of the 31st Annual Conference of the Cognitive Science Society*. Amsterdam, Netherlands (pp. 893-898). Austin, TX: Cognitive Science Society.
- Bellissens, C., Jeuniaux, P., **Duran, N. D.**, & McNamara, D. S. (2007). Towards a textual cohesion model that predicts self-explanation inference generation as a function of text structure and readers' knowledge. In D. S. McNamara and G. Trafton (Eds.), *Proceedings of the 29th Annual Conference of the Cognitive Science Society*. Nashville, TN (pp. 815-820). Austin, TX: Cognitive Science Society.
- Duran, N. D.**, Bellissens, C., Taylor, R. S., & McNamara, D. S. (2007). Quantifying text difficulty with automated indices of cohesion and semantics. In D. S. McNamara and G. Trafton (Eds.), *Proceedings of the 29th Annual Conference of the Cognitive Science Society*. Nashville, TN (pp. 233-238). Austin, TX: Cognitive Science Society.
- Willits, J. A., D'Mello, S. K., **Duran, N. D.**, & Olney, A. (2007). Distributional statistics and thematic role relationships. In D. S. McNamara and G. Trafton (Eds.), *Proceedings of the 29th Annual Conference of the Cognitive Science Society*. Nashville, TN (pp. 707-712). Austin, TX: Cognitive Science Society.
- Duran, N. D.**, McCarthy, P. M., Graesser, A. C., & McNamara, D. S. (2006). Using Coh-Metrix temporal indices to predict psychological measures of time. In R. Sun & N. Miyake (Eds.),

Proceedings of the 28th Annual Conference of the Cognitive Science Society. Vancouver, Canada (pp. 190-195). Austin, TX: Cognitive Science Society.

Book Chapters

- Vinson, D. W.*, Dale, R., Tabatabaieian, M*, & **Duran, N.D.** (2015). Seeing and believing: Social influences on language processing. In Mishra, R. K., Srinivasan, N., & Huettig, F. (Eds.) *Attention and Vision in Language Processing*. Springer: India. (pp. 197-213).
- Duran, N. D.**, & Dale, R. (2014). Theory of mind. In T. R. Levine (Ed.), *Encyclopedia of Deception* (pp. 883-886).
- Duran, N. D.**, & Street, C. H.* (2014). Nonverbal cues. In T. R. Levine (Ed.), *Encyclopedia of Deception* (pp 721-724).
- Dale, R., Fusaroli, R., **Duran, N. D.**, & Richardson, D. C. (2013). The self-organization of human interaction. In B. Ross (Ed.), *Psychology of Learning and Motivation*, vol. 59 (pp. 43-95). Elsevier, Inc: Academic Press.
- Dale, R., **Duran, N. D.**, & Roche, J. (2011). Dynamics of action during language processing. In R. K. Mishra & N. Srinivasan (Eds.), *Language-Cognition Interface: State of the Art* (pp. 114-135). Muenchen: LINCOM Europa.

Published Abstracts

- Johnson, C. K.,* **Duran, N. D.**, & Nicholson, S. (2016). Caught in the middle: The implicit appeal of political partisan conspiracy theories for non-partisan responders. *In the Proceedings of the 57th Annual Meeting of the Psychonomic Society*, Austin, TX: Psychonomic Society Publications.
- Duran, N. D.** & Fusaroli, R. (2014). Conversing with a devil's advocate: Dialogical dynamics of movement and speech in deception and conflict [Abstract]. *In the Proceedings of the 55th Annual Meeting of the Psychonomic Society* (p. 81), Austin, TX: Psychonomic Society Publications.
- Duran, N. D.**, Dale, R., & Kreuz, R. J. (2010). Nonlinear dynamics of perspective taking [Abstract]. *In the Proceedings of the 51st Annual Meeting of the Psychonomic Society* (p. 22). Austin, TX: Psychonomic Society Publications.
- Duran, N. D.**, Dale, R., & McNamara, D. S. (2008). Does the arm know when you're lying? [Abstract]. *In the Proceedings of the 49th Annual Meeting of the Psychonomic Society* (p. 22). Austin, TX: Psychonomic Society Publications.
- Duran, N. D.**, & Dale, R. (2008). Dynamic lexical processing evident in Wiimote trajectories [Abstract]. In B. C. Love, K. McRae, & V. M. Sloutsky (Eds.), *Proceedings of the 30th Annual Conference of the Cognitive Science Society* (p. 1281). Austin, TX: Cognitive Science Society.
- Duran, N. D.**, & Burgess, C. (2004). Distinguishing pour, load, and fill verbs in high-dimensional memory space [Abstract]. *In the Proceedings of the 45th Annual Meeting of the Psychonomic Society* (p. 35). Austin, TX: Psychonomic Society Publications.

Presentations

Invited Symposia

- Coco, M. & Duran, N. D. (2017). Formation of memory traces for complex scenes in action-dynamics trajectories. *Invited symposia talk at the 20th Annual Conference of the European Society for Cognitive Psychology*. Postdam, Germany.
- Duran, N. D., Tabatabaieian, M.*, Dale, R. (2013). The temporal unfolding of response competition during deception. *Invited symposia talk given at the 10th Biennial Conference of the Society for Applied Research in Memory & Cognition*. Rotterdam, Netherlands.
- O'Hora, D. (organizer), Duran, N. D., Dale, R., Freeman, J. B., & Tomlinson, J. M. Jr. (2013). Scales of cognition evident in action. *Proceedings of the 35th Annual Meeting of the Cognitive Science Society*. Berlin, Germany (symposium).
- Duran, N. D (organizer), D'Mello, S., & Dale, R. (2010). Cognition and AI: Capturing cognitive plausibility and informing psychological processes. *Special Track for the 23rd meeting of the Florida Artificial Intelligence Research Society*. (FLAIRS23)
- Briner, S., & Duran, N. D (organizer). (2011). Cognition, AI, and human computer interaction. *Special Track for the 24th meeting of the Florida Artificial Intelligence Research Society*. (FLAIRS24)

Invited Talks

- Exploring deception as a dynamical, socially-embedded, and multi-modal phenomenon. Technical Talk, Georgia Tech Research Institute, Georgia Tech University, Atlanta, GA, December 2nd, 2016.
- A multichannel, multimodal behavioral account of cheating, duplicity, and deceit. Psychology Talk Series, Department of Psychology, Notre Dame University, South Bend, IN, November 4, 2013.
- The intersection of cognitive dynamics and deception. Cognitive Science Seminar, Department of Psychology, Arizona State University, Tempe, AZ, September 16, 2013.

Refereed Conference Presentations

- Duran, N. D., and Randall, A. (2017). Romantic couples emotional dynamics during stressful conversations. *Poster to be presented at the 39th Annual Conference of the Cognitive Science Society*. London, England.
- Duran, N. D., Fusaroli, R., & Paxton, A.* (2015). Assessing lexical, syntactic, and conceptual turn-by-turn alignment in conversations involving conflict and deception. *Paper presented at the 45th Annual Meeting of the Society for Computers in Psychology*, Chicago, IL.
- Duran, N. D., Randall, A. K., & Tao, C.* (2015). Movement coupling of romantic partners elicited by neutral and emotionally arousing conversational topics. *Paper presented at the 2015 Conference on Complex Systems*. Tempe, AZ.
- Duran, N. D., Nicholson, S., & Dale, R. (2015). Tracking the response dynamics of implicit partisan biases. *Poster presented at the 37th Annual Conference of the Cognitive Science Society*. Pasadena, CA.

- Duran, N. D. & Fusaroli, R. (2014). Conversing with a devil's advocate: Dialogical dynamics of movement and speech in deception and conflict. *Poster presented at the 55th Annual Meeting of the Psychonomic Society*, Long Beach, CA.
- Duran, N. D. & Coco, M., & Dale, R. (2014). Beyond reaction time: Predicting false responding with arm movement trajectories. *Poster presented at the 27th Annual Conference of the International Florida Artificial Intelligence Research Society*, Pensacola, FL.
- Duran, N. D. & Dale, R. (2012). Increased vigilance in monitoring others' mental states during deception. *Poster presented at the 34th Annual Conference of the Cognitive Science Society*. Sapporo, Japan.
- Duran, N. D. & Dale, R. (2011). Creating illusory social connectivity in Amazon Mechanical Turk. *Paper presented at the Crowdsourcing Technologies for Language and Cognition Studies Workshop (in conjunction with the Linguistic Society of America Summer Institute)*. University of Colorado, Boulder.
- Duran, N. D. & Dale, R. (2011). Spatial cognition adapts to social context. *Poster presented at the 33rd Annual Conference of the Cognitive Science Society*. Boston, Massachusetts: Cognitive Science Society.
- Duran, N. D. & McCarthy, P. M. (2010). The language of deception. *Paper presented at the 23rd Annual Conference of the International Florida Artificial Intelligence Research Society*, Daytona Beach, FL. **[Invited Talk]**
- Duran, N. D. & Dale, R. (2009). Anticipatory arm placement in the statistical learning of position sequences. *Poster presented at the 31st Annual Conference of the Cognitive Science Society*. Amsterdam, Netherlands: Cognitive Science Society.
- Duran, N. D., Hall, C., & McCarthy, P. M. (2009). Using statistically improbable n-gram features to reveal the thematic content of deception. *Paper presented at the 39th Annual Meeting of the Society for Computers in Psychology*, Boston, MA
- Duran, N. D., Hall, C., McCarthy, P. M., & McNamara, D. S. (2009). The linguistic correlates of conversational deception: Comparing natural language processing technologies. *Paper presented at the 22nd Annual Conference of the International Florida Artificial Intelligence Research Society*, Sanibel Island, FL.
- Duran, N. D., Dale, R., & McNamara (2008). The continuous dynamics of false responding. *Paper presented at the 38th Annual Meeting of the Society for Computers in Psychology*, Chicago, IL.
- Duran, N. D., & Dale, R. (2008). Dynamic lexical processing evident in Wiimote trajectories. *Poster presented at the 30th Annual Conference of the Cognitive Science Society*. Washington, D. C.
- Duran, N. D., Dale, R., & McNamara, D. S. (2008). Automated detection of coordination between child and caregivers using natural language processing. *Paper presented at the 18th Annual Meeting of the Society for Text and Discourse*, Memphis, TN. **[Outstanding Student Paper Award]**
- Duran, N. D., Bellissens, C., Taylor, R. S., & McNamara, D. S. (2007). Quantifying text difficulty with automated indices of cohesion and semantics. *Paper presented at the 29th Annual Conference of the Cognitive Science Society*, Nashville, TN.
- Duran, N. D., McCarthy, P.M., Bellissens, C., McNamara, D. (2007). What makes a text difficult? *Paper presented at the 17th Annual Meeting of the Society for Text and Discourse*, Glasgow, Scotland.

- Duran, N. D., & Lightman, E.** (2006). Are gender differences between Venusians and Martians out of this world?: A computational approach for assessing linguistic style. *Paper presented at the Southeastern Conference on Linguistics (SECOL LXXIII)*, Auburn, AL.
- Duran, N. D., McCarthy, P. M., Graesser, A. C., & McNamara, D. S. (2006). Using Coh-Metrix temporal indices to predict psychological measures of time. *Paper presented at the 28th Annual Conference of the Cognitive Science Society*, Vancouver, BC, Canada.
- Duran, N., McCarthy, P., Hancock, J., & McNamara, D. S. (2006). Discovering where the truth lies: Using Coh-Metrix to detect deception in text. *Paper presented at the 36th Annual Meeting of the Society for Computers in Psychology*, Houston, Texas.
- Duran, N. D., & McNamara, D. S. (2006). It's about time: Discriminating differences in temporality between genres. *Poster presented at the 16th Annual Meeting of the Society for Text and Discourse*, Minneapolis, MN.
- Duran, N., & Burgess, C. (2004). Distinguishing pour, load, and fill verbs in high-dimensional memory space. *Poster presented at the 45th Annual Meeting of the Psychonomic Society*, Minneapolis, MN.
- Duran, N., Burgess, C., & Hatzopoulos, A. (2004). Assessing HAL's vocabulary intelligence. *Paper presented at the 34th Annual Meeting of the Society for Computers in Psychology*, Minneapolis, MN.
- Duran, N. (2004). Mimicking human verbal intelligence: HAL and the Nelson-Denny vocabulary test. *Paper presented at the 13th Annual UCLA Psychology Undergraduate Conference*, Los Angeles, CA.
- Duran, N. (2004). An alternative to innateness: Distinguishing pour and load verbs in high-dimensional memory space. *Paper presented at the 13th Annual UCLA Psychology Undergraduate Conference*, Los Angeles, CA.
- Duran, N. (2004). Inhibitions to the social self: Perceptions of trustworthiness and social phobia. *Poster presented at the 13th Annual UCLA Psychology Undergraduate Conference*, Los Angeles, CA.

Refereed Conference Presentations (*not main presenter - last 6 years – 2012-2017*)

- Johnson, C.*, Duran, N. D., & Nicholson, S. (2016). Caught in the middle: The implicit appeal of political partisan conspiracy for non-partisan responders. *Poster presented at the 57th Annual Meeting of the Psychonomic Society*, Boston, MA.
- Hart, J.,** Johnson, C.,* & Duran, N. D. (2016). Insight in motion: Using 3D motion capture to track cognitive activity during insight problem solving. *Poster presented at the 37th Annual Conference of the Cognitive Science Society*. Philadelphia, PA.
- Gonzales, J. P.,* Hart, J.,** & Duran, N. D. (2016). Using mouse-tracking to measure effects of power on sexual cognition. *Poster presented at the Western Psychological Association Annual Convention*. Long Beach, CA.
- Hart, J.,** Johnson, C.,* & Duran, N. D. (2016). Motion capture of phase change transitions during insight problem solving. *Poster presented at the Western Psychological Association Annual Convention*. Long Beach, CA.

- D'Arienzo, M.*, Duran, N.D., & Crossley, S.A. (2015). Lying and lexicality: Using computational tools to detect deception. *Poster presented at the 2015 Atlanta Computational Social Science Workshop*. Atlanta, GA.
- Heidari, A.*, Crossley, S. A., & Duran, N. (2015). Extracting cohesive indices of deceptive language using TAACO. *Poster presentation at Atlanta Computational Social Science Workshop (CSS 2015)*. Atlanta, GA.
- Coco, M. I. & Duran, N. D. (2015). Incidental memory for naturalistic scenes: Exposure, semantics, and encoding. *Poster presented at 37th Annual Conference of the Cognitive Science Society*. Pasadena, CA.
- Randall, A., Duran, N. D., & Hilpert, P. (2014). Couple's communication dynamics: Measuring Intra- and inter-personal dynamics during real-time interaction. *Paper presented at the Workshop on Intensive Modeling of Dynamic Social Interactions*, Tuscon, AZ.
- Fusaroli, R., & Duran, N. D. (2014). Dialogical dynamics in conflict and deception. *Presented at the Biennial Conference of the International Society for the Study of Interactivity, Language, and Cognition*. Storrs, CT.
- Tabatabaeian, M.*, Dale, R., & Duran, N. D. (2014). Facilitation of dishonesty in self-serving task. *Paper presented at the 36th Annual Conference of the Cognitive Science Society*. Quebec City, Canada.
- Tabatabaeian, M.*, Dale, R., & Duran, N. D. (2013). Is dishonesty an automatic tendency?. *Paper presented at the 35th Annual Conference of the Cognitive Science Society*. Berlin, Germany.
- Dale, R., Paxton, A.*, & Duran, N. D. (2013). How interactive goals shape the coordination of body and speech during conversation. *Paper presented at the 25th Annual American Psychological Association Conference*, Washington, DC.
- Sinclair, V.*, Webb, N.*, Duran, N. D., Richardson, D. C. (2013). It ain't what you do, it's the way you do it: Contingency and similiarity in behavioral coordination. *Poster presented at the 5th Annual Joint Action Meeting*, Berlin, Germany.
- McCarthy, P. M., Duran, N. D., & Booker, L. M.* (2012). New directions in deception analysis. *Paper presented at the 25th Annual Conference of the International Florida Artificial Intelligence Research Society*, Marco Island, FL. **[Invited Talk]**

Local Presentations (*ASU West - last 3 years - 2015-2017*)

- Duran, N. D. (2017, January). The impact of machine learning and big data on psychological research. *Big Data Seminar in the School of Mathematical and Natural Sciences*, Arizona State University West, Glendale, Arizona.
- Yonehiro, J.*, Sun, X.*, Borrie, S., & Duran, N. D (2016, December). The rhythm of successful communication. *Poster presented at the ASU Institute for Social Science Research Graduate Student Poster Competition*, Arizona State University, Tempe, Arizona. **[Won 3rd Place for Proposed Research Category]**
- Hart, J.,** Johnson, C.*, Duran, N. D. (2016, April). Insight in motion: Using 3D motion capture to track cognitive activity during insight problem solving. *Poster presented at the ASU Research*

and Creative Project Symposium, Arizona State University West, Glendale, Arizona. **[Won 2nd Place for Best NCUIRE Non-Presented Research or Creative Project]**

- Duran, N. D. (2016, April). New technologies and the frontiers of psychology research. *Keynote presentation at the Broadening Perspectives Research Expo*, Arizona State University West, Glendale, Arizona.
- Johnson, C.*, Duran, N. D. (2016, April). Opening the black box: Political conspiracies and implicit bias. *Poster presented at the Broadening Perspectives Research Expo*, Arizona State University West, Glendale, Arizona.
- Duran, N. D. (2015, October). Doing cognition by hand (w/ false intent and implicit bias). *Invited presentation at the ASU Barrett's Honors College*, Arizona State University West, Glendale, Arizona.
- Hart, J.***, Johnson, C.*, & Duran, N. D. (2015, October). Insight in motion: Using 3D motion capture to track cognitive activity during insight problem solving. *Student poster presented at the 18th Annual NCUIRE Scholarship Recognition Reception*, Arizona State University West, Glendale, Arizona.
- Duran, N. D. (2015, September). Lies, love, and the dynamics of body and mind. *Presentation at the Cognitive Psychology Brown Bag*, Arizona State University West, Glendale, Arizona.
- Duran, N. D. (2015, March). Hand in motion reveals mind in motion. *Presentation at the Cognitive Psychology Brown Bag*, Arizona State University West, Glendale, Arizona.
- Gonzales, J.*, Hart, J.***, & Duran, N. D. (2015, March). Measuring the effects of power on goal-driven motor behavior and sexual perception via computer mouse-tracking. *Poster presented at the New Open Door @ ASU West NCUIRE*, Arizona State University West, Glendale, Arizona.

*Graduate student authors/collaborators

**Undergraduate student authors/collaborators

Scientific Software

Coco, I. M. & Duran, N. D. (2015). Mousetrack (approved by CRAN). R package that extracts dynamical measures of arm-reaching movements from two-dimensional x-y trajectory coordinates.

Teaching

Ground (Undergraduate)

PSY 323 Sensation and Perception (Upper Division), **Fall 2015**: Overall teaching rating of 4.8 out of 5 from 45 respondents along dimensions of: competence, interaction, interested, knowledgeable, and organization; **Fall 2013**: Overall teaching rating of 4.6 out of 5 from 25 respondents along dimensions of: competence, interaction, interested, knowledgeable, and organization

PSY 494/COM 494 Language and Social Interaction (Upper Division), **Fall 2014**: Overall teaching rating of 4.6 out of 5 from 16 respondents along dimensions of: competence, interaction, interested, knowledgeable, and organization.

Online (Undergraduate)

PSY 323 Sensation and Perception (Upper Division- iCourse), **Fall 2017; Spring 2016; Spring 2015:** *Overall teaching rating of 4.9 out of 5 from 25 respondents along dimensions of: competence, interaction, interested, knowledgeable, and organization.*

PSY 360 Cognitive Science (iCourse and oCourse), **Fall 2017; Fall 2016; Fall 2015:** *Overall teaching rating of 4.8 out of 5 from 31 respondents along dimensions of: competence, interaction, interested, knowledgeable, and organization.*

Ground (Graduate)

PSY 598 Language and Social Interaction, **Spring 2014**

PSY 598 Advanced Cognitive Science, **Spring 2017; Spring 2016**

Online (Graduate)

Advanced Cognitive Science, **Spring 2018**

Other

Co-Instructor, "Learning and Cognitive Processes" (Undergraduate Honors), University of Memphis, Spring 2010: *Mean teaching rating: Average scores of 4.5 out of 5, or greater, from 10 respondents along dimensions of: competence, interaction, interested, knowledgeable, and organization.*

Teaching Assistant, "Nonlinear Methods for Psychological Science", American Psychological Association (APA) Advanced Training Institute, University of Cincinnati, Cincinnati, OH (June 8th-12th, 2009)

Student Mentoring**Graduate Students**

Thesis Chair (MA): 5

Applied Project Chair (MA): 2

Thesis Committee Member (MA): 7; Comp Exams Committee Member (MA/PhD): 2;

Dissertation Committee Member (PhD): 2

Undergraduate

35 unique students have worked with me as research assistants for course credit

Barrett, Honors College Thesis Chair: 1

Barrett, Honors College Projects: 6

ASU NCUIRE Fellowship Recipients: 1

ASU NCUIRE Research Assistant Recipients: 3

Service

Arizona State University

Department/University Service

Psychology Subject Pool Coordinator (SONA), 2016-
 New College Faculty Ambassador, 2013-
 Graduate Faculty, Department of Psychology, 2013-
 Affiliated Faculty, Cognitive Science Program, 2013-
 Barretts, Honors College Faculty, 2014-
 Faculty Search Committee, Cognitive, 2016-2017
 Faculty Search Committee, Lecturer, 2017
 Co-organizer of Weekly Psychology Brown Bag, 2014-2016

Community Service

“Open Door” ASU West Campus Event, Faculty Participant, Spring 2014, Spring 2015, Spring 2017
 “Broadening Perspectives Research Expo,” ASU West Campus Event in Collaboration with ASU West chapter Psi Chi and Glendale Community College, Keynote Speaker, Spring 2016
 “Undergraduate Research Symposium” ASU West Campus Event, Faculty Judge, Spring 2014, Spring 2017
 “More to Explore” ASU West Campus Event, Faculty Participant, Spring 2017, Spring 2016
 “Road to the University” ASU West Campus Event, Faculty Participant, Fall 2015
 “University Scholars Summer Collegiate Experience,” Faculty Participant, Summer 2014

University of California, Merced/ The University of Memphis

Community Service

Collaborator and Presenter, Train and Engage Grant: "Misperceived Science: Obtaining a Realistic Public Perception." University College London on behalf of The Wellcome Trust, £750, 2012

Department/University Service

President, Graduate Student Coordinating Committee, University of Memphis, 2009-2010
 President, Institute for Intelligent Systems Student Organization, 2009-2010
 Experimental Program Representative, Graduate Student Coordinating Committee, 2006-2007

Reviewer

Cognitive Science, Cognition, Psychological Science, Journal of Experimental Psychology: Applied, Journal of Experimental Psychology: Learning, Memory, and Cognition, Journal of Experimental Psychology: General, Memory & Cognition, PLoS ONE, Psychological Research, Frontiers in Psychology, Discourse Processes, Cognitive Processing, New Ideas in Psychology, Journal of Experimental & Theoretical Artificial Intelligence, Advances in Cognitive Psychology, Behavior and Research Methods, Applied Psychophysiology and Biofeedback, Florida Artificial Intelligence Research Society, Cognitive Science Society, Society for Text and Discourse, European Conference on Cognitive Science, Israel Science Foundation.

Please also see <https://publons.com/author/987911/nicholas-duran#profile> for verified documentation of reviews since 2015

Academic Editor

Academic Editor, PLoS ONE, 2017

Selected Honors and Awards

Outstanding Student Paper Award, Society for Text and Discourse, 2008

Roland L. Frye Achievement Award for Outstanding Achievement in Experimental Psychology Research, University of Memphis, Department of Psychology, 2007-2008 (awarded to a single student)

Program Directors Award for Excellence, University of Memphis, Department of Psychology, Graduate 2005-2006 (awarded to a single student)

Outstanding Student for the College of Humanities, Arts, and Social Sciences, University of California, Riverside, 2003-2004 (awarded to a single student in the College)

Academic Program Excellence Award for Psychology, University of California, Riverside, Department of Psychology, 2003-2004 (awarded to a single student in the Department)

Current/Past Professional Affiliations

Cognitive Science Society, Complex Systems Society, Psychonomics Society, Society for Text and Discourse, Society for Computers in Psychology, American Psychological Association

Additional Training

“Nonlinear Methods for Psychological Science”, American Psychological Association (APA) Advanced Training Institute, University of Cincinnati, Cincinnati, OH (June 9th-13th, 2008).

Dynamical and Nonlinear Analysis of Communication and Problem Solving Training Seminar, University of Radbaud, Nijmegen, Netherlands (January 12th-14th, 2008).

Technical Skills

Formal Languages: Python, R, Flash (ActionScript)

Math/Statistical Packages: MATLAB, R, SPSS, some SAS, some Weka

Survey Software: Qualtrics, Amazon Mechanical Turk

Media Recognition

PBS Arizona Horizon Interview, “Politicians Lying Research,” March 1, 2016
<http://www.azpbs.org/arizonahorizon/play.php?vidId=8422>

DialSmith, "ASU Researchers Dial in to How Romantic Couples Regulate Stressful Interactions," July 5th, 2016

<http://www.dialsmith.com/academic-research/asu-researchers-dial-romantic-couples-regulate-stressful-interactions>

ASU Now News, "Body Politics," February 8th, 2016

<https://asunow.asu.edu/20160210-discoveries-body-politics>

UC Merced News, "Postdoc Demystifies the Art of Deception," April 4th, 2013

<http://ssha.ucmerced.edu/content/postdoc-demystifies-art-deception>