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Lincoln G. Craton

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EDUCATION

B.S. Psychology, Tufts University, Medford, MA (1983)

Ph.D. Child Psychology, University of Minnesota (1989)

Dissertation: *Infants' perception of figure and ground from kinetic stimulus information*

Postdoctoral Fellow, University of Illinois at Urbana-Champaign (1989-1990)

COURSES

Psychological Science (PSY 110)

Developmental I (PSY 201)

Research Methods in Psychology (PSY 271)

Advanced Research in Developmental Psychology (PSY 342)

SCHOLARSHIP

Work in progress (items with undergraduate coauthors are indicated with an asterisk *)

*Craton, L. G., Roche, E. L., & Kleeberg, A. N. *Negative musical response*. In preparation.

Publications (items with undergraduate coauthors are indicated with an asterisk *)

Craton, L. G. (in press). Toward a utilitarian theory of consumer response to advertising music. In J. Deaville, R. Rodman, & S. Tan (Eds.) *The Oxford handbook of music and advertising*. Oxford: Oxford University Press.

*Craton, L. G., Lee, J. H. J., & Krahe, P. M. (2019). It's only rock 'n roll (but I like it): Chord perception and rock's liberal harmonic palette. *Musicae Scientiae*. <https://doi.org/10.1177/1029864919845023>

*Craton, L. G., Lee, J. H., Beauregard, A. B., and Lyons, C. J. (2018). It's only rock 'n

roll, but I like it: Computer simulation based on an auditory short-term memory model helps explain chord rating data. In R. Parncutt, R., & S. Sattmann, S. (Eds.) *Proceedings of ICMPC15/ESCOM10*. Graz, Austria: Centre for Systematic Musicology, University of Graz.

Craton, L. G., Lantos, G. P., & Leventhal, R. (2017). Results may vary: Overcoming variability in consumer response to advertising music. *Psychology and Marketing*, 34, 19-39.

*Craton, L. G., Juergens, D. S., Michalak, H. R., & Poirier, C. R. (2016). Roll over Beethoven? An initial investigation of listeners' perception of chords used in rock music. *Music Perception*, 33, 332-343.

Craton, L. G., & Ramos-Goyette, S. (2015). *A Darwinian guide to parenting: Having a baby*. Hauppauge, NY: Nova Science Publishers.

Ramos-Goyette, S., & Craton, L. G. (2013). Evolution of the menstrual cycle. In M. Gosselin (Ed.), *Menstrual cycle: Signs and symptoms, psychological/behavioral changes and abnormalities*. Hauppauge, NY: Nova Science Publishers.

Lantos, G. P., & Craton, L. G. (2012). A model of consumer response to advertising music. *Journal of Consumer Marketing*, 29, 22-42.

Craton, L. G., & Lantos, G. P. (2011). Attitude toward the advertising music: An overlooked potential pitfall in commercials. *Journal of Consumer Marketing*, 28, 396-411.

Craton, L. G., & Lantos, G. P. (2010). Toward a comprehensive model of consumer response to advertising music. In S.M. Demorest, S.J. Morrison, & P.S. Campbell (Eds.), *Proceedings of the 11th International Conference on Music Perception and Cognition (ICMPC 11)*. Seattle, Washington, USA.

*LeDonne, E. N., Poirier, C. R., & Craton, L.G. (2009). Reducing own-age bias: Does contact improve young adults' recognition of older faces? *Psi Chi Journal of Undergraduate Research*, 14, 137-141.

Craton, L. G. (2008). What is music for? Perhaps to give evolutionary psychologists work. A review of Daniel. J. Levitin, *The world in six songs: How the musical mind created human nature*. *Evolutionary Psychology*, 6, 550-554.

Craton, L.G. (1996). The development of perceptual completion abilities: Infants' perception of stationary, partially occluded objects. *Child Development*, 67, 890-904.

Arterberry, M.E., Craton, L.G., & Yonas, A. (1993). Infants' sensitivity to time dependent information for depth and object properties. In C.E. Granrud (Ed.),

Visual Perception and Cognition in Infancy. Hillside, NJ: Lawrence Erlbaum Associates.

Craton, L.G. Visual development. (1993). In *Magill's Survey of Social Science: Psychology*. Pasadena: Salem Press.

Craton, L.G., Elicker, J., Plumert, J. & Pick, H.L. (1990). Children's use of frames of reference in communication of spatial location. *Child Development*, 61, 1528-1543.

Craton, L.G., & Yonas, A. (1990). Kinetic occlusion: Further studies of the boundary flow cue. *Perception & Psychophysics*, 47, 169-179.

Craton, L.G., & Yonas, A. (1990). The role of motion in infants' perception of occlusion. In J. Enns (Ed.), *The Development of Attention: Research and Theory*. North-Holland: Elsevier Science Publishers.

Thompson, W.B., Craton, L.G., & Yonas, A. (1989). The 2 3/4-D Sketch. *Psychophysical and Biological Approaches to Computer Vision*, proceedings of the AAAI workshop Spring Symposium Series, 1988.

Craton, L.G., & Yonas, A. (1988). Infants' sensitivity to boundary flow information for depth at an edge. *Child Development*, 59, 1522-1529.

Yonas, A., Craton, L.G., & Thompson, W.B. (1987). Relative motion: Kinetic information for the order of depth at an edge. *Perception & Psychophysics*, 41, 53-59.

Conferences (items with undergraduate coauthors are indicated with an asterisk *)

*Craton, L. G., Lee, J. H., Beauregard, A. B., and Lyons, C. J. (2018, July). *It's only rock 'n roll, but I like it: Computer simulation based on an auditory short-term memory model helps explain chord rating data*. Poster presented at ICMPC15/ESCOM10, Graz, La Plata, Montreal, Sydney.

*Craton, L., Kleeberg, A., Roche, E., Bosse, A., & Daly, B. (2017, August). *Varieties of negative musical response*. Poster presented at the meeting of the Society of Music Perception and Cognition, San Diego, CA.

* Daly, B., Bosse, A., & (sponsor) Craton, L.G. (2017, March). *Exploring negative musical response*. Poster presented at the annual meeting of the Eastern Psychological Association, Cambridge, MA.

*Wallace, L., Micucci, G., & (sponsor) Craton, L.G. (2017, March). *The "personality" of musical notes: Testing Huron's (2006) description of scale-degree qualia*. Poster presented at the annual meeting of the Eastern Psychological Association,

Cambridge, MA.

- *Craton, L. G., Krahe, P. M., Micucci, G. I., & Burkins, B. A. (2016, July). *Listeners' perception of rock chords: Further evidence for a more inclusive harmonic hierarchy*. Poster presented at the 14th International Conference for Music Perception and Cognition (ICMPC14), San Francisco, CA, USA.
- *Roche, E., Kleeberg, A., Ballou, A., Bosse, A., Daly, B., & Craton, L. G. (2016, April). *Exploring negative musical response*. Poster presented at the Fenway Psychology Research Conference, Emmanuel College, Boston, MA.
- *Wallace, L., Micucci, G., Damon, A., & Craton, L. G. (2016, April). *The "personality" of musical notes: Testing Huron's (2006) description of scale-degree qualia*. Poster presented at the Fenway Psychology Research Conference, Emmanuel College, Boston, MA.
- Craton, L. G. (2016, January). *Tonality, qualia, and rock 'n' roll*. Short talk presented at the semiannual meeting of the Northeast Music Cognition Group, Harvard University, Cambridge, MA.
- * Craton, L. G., Brammer, S. J., Burkins, B. A., Busby, B. M., Kleeberg, A. N., Krahe, P. M., Mazzone, C. M., Micucci, G. I., & Roche, E. L. (2015, October). *Do music preferences change during college?* Poster presented at the annual conference of the New England Psychological Association, Fitchburg, MA.
- * Pearson, S. C., Farrell, J. S., Poirier, C. R., & Craton, L. G. (2014, May). *How does multiple group membership affect face recognition in Asian participants?* Poster presented at the annual conference of the Association for Psychological Science, San Francisco, CA.
- *Farrell, J. S., Pearson, S. C., Poirier, C. R., & Craton, L. G. (2013, October). *An exploration of face recognition memory: Combining the own-age and own-race biases*. Poster presented at the annual conference of the New England Psychological Association, Bridgeport, CT.
- *Craton, L. G., Poirier, C. R., Juergens, D. S., & Michalak, H. R. (2013, August). *Implicit knowledge of rock harmony*. Poster presented at the meeting of the Society of Music Perception and Cognition, Toronto, Canada.
- *Craton, L. G., Poirier, C. R., Palmisano, E., DeCortin, C., Bishop, C., McGinley, T., & Pirri, K. (2013, August). *Exploring negative musical response*. Poster presented at the meeting of the Society of Music Perception and Cognition, Toronto, Canada.
- *Craton, L. G., Poirier, C. R., Juergens, D. S., Michalak, H. R., Ackerman, K., Hackney, E., Hill, S., Tardiff, M., & Waller, S. (2013, May). *Explicit knowledge of rock*

harmony: The effect of musical training. Poster presented at the Midwestern Music Cognition Symposium, the Ohio State University, Columbus, OH.

*Castonguay, L. S., Poirier, C. R., & Craton, L. G. (2013, January). *Does perceived power moderate the own-age bias in face recognition memory?* Poster presented at the annual conference of the Society for Personality and Social Psychology, New Orleans, LA.

*Craton, L. G., Palmisano, E., Caruso, G., Geisse, A., Lombardini, L., Pace, V., Rielly, E. and Poirier, C. R. (2012, October). *Negative Musical Response: Disgust or Distaste?* Poster presented at the annual conference of the New England Psychological Association, Worcester, MA.

*Poirier, C. R., Castonguay, L. S., Marquis, P. R., Walkowicz, G. E., & Craton, L. G. (2012, May). *Does individuation reduce own-group biases in face recognition memory?* Poster presented at the annual conference of the Association for Psychological Science, Chicago, Ill.

Craton, L. G. (2012, April). *Exploring negative musical response.* Short talk presented at the semiannual meeting of the Northeast Music Cognition Group, Yale University, New Haven, CT.

*Craton, L. G., Donnelly-Landolt, W., Domanico, L., Muhlenhaupt, E., & Poirier, C. R. (2011, August). *Explicit and implicit knowledge of rock harmony in nonmusicians.* Poster accepted for presentation at the meeting of the Society of Music Perception and Cognition, Rochester, New York. (Not presented, due to illness.)

*Craton, L. G., Donnelly-Landolt, W., Domanico, L., Muhlenhaupt, E., & Poirier, C. R. (2011, March). *Knowledge of traditional harmony and rock harmony in nonmusicians.* Paper presented at the annual meeting of the Eastern Psychological Association, Cambridge, MA.

*Craton, L. G., Donnelly-Landolt, W., & Poirier, C. R. (2010, October). *Explicit and implicit knowledge of rock harmony in nonmusicians.* Paper presented at the semiannual meeting of the Northeast Music Cognition Group, Boston, MA.

Craton, L. G., & Lantos, G. P. (2010, August). *Toward a comprehensive model of consumer response to advertising music.* Poster presented at the 11th International Conference on Music Perception and Cognition (ICMPC 11), Seattle, Washington, USA.

Craton, L. G., & Angelini, M. (2010, April). *Teaching music cognition and music psychology.* Roundtable presentation at the semiannual meeting of the Northeast Music Cognition Group, Yale University, New Haven, CT.

- *Poirier, C. R., Beatrice, L. M., Fahey, E. C., Sevigny, C. E., & Craton, L. G. (2010, May). *Does common ingroup identity moderate the own-age bias in face recognition memory?* Poster presented at the annual conference of the Association for Psychological Science, Boston, MA.
- *Kurkul, K. E., Landry, N. M., Poirier, C. R., & Craton, L. G. (2009, May). *Face distinctiveness and the own-age bias in face recognition memory.* Poster presented at the annual conference of the Association for Psychological Science, San Francisco, CA.
- *Landry, N. M., Kurkul, K. E., Craton, L. G., & Poirier, C. R. (2009, May). *Individuation eliminates the own-age bias in face recognition memory.* Poster presented at the annual conference of the Association for Psychological Science, San Francisco, CA.
- *LeDonne, E. N., Poirier, C. R., & Craton, L. G. (2008, August). *Recognizing faces: Young children perform better with younger faces.* Poster presented at the annual conference of the American Psychological Association, Boston, MA.
- *Craton, L. G., Poirier, C. R., LeDonne, E. N., DeStefano, M. K., & Soldevilla, C. (2008, May). *Encoding task affects face recognition but not own-age bias.* Poster presented at the annual conference of the Association for Psychological Science, Chicago, IL.
- *Poirier, C. R., Finch, N., Merola, E., Palladino, J., Tirrell, C., & Craton, L. G. (2008, May). *Failure of positive emotions to eliminate bias effects in face recognition.* Poster presented at the annual conference of the Association for Psychological Science, Chicago, IL.
- *LeDonne, E. N., Poirier, C. R., & Craton, L. G. (2008, May). *Own-age bias: Contact does not improve young adults' recognition of older faces.* Poster presented at the annual conference of the Association for Psychological Science, Chicago, IL.
- *Craton, L. G., Gunnery, S. D., Merola, E. E., Zellers, H. J., Hayden, E. M., Schur, A. N., LeDonne, E. N., & Poirier, C. R. (2008, March). *Musical taste and distaste across the lifespan.* Poster presented at the annual meeting of the Eastern Psychological Association, Boston, MA.
- *LeDonne, E. N., Schur, A. N., Hayden, E. M., Poirier, C. R., & Craton, L. G. (2008, March). *Developmental changes in face recognition: Children perform better with younger faces.* Poster presented at the annual meeting of the Eastern Psychological Association, Boston, MA.
- *Craton, L. G., Poirier, C. P., Gunnery, S. D., Zellers, H. J., & Merola, E. E. (2007, July). *Effects of musical style preference and subjective complexity on recognition of*

musical passages. Poster presented at the meeting of the Society of Music Perception and Cognition, Montreal, Quebec.

*Poirier, C. P., Craton, L. G., Schur, A., & Hayden, E. (2007, March). *Age estimation and recognition for faces: Adolescents perform better with young faces*. Poster presented at the Meeting of the Society for Research in Child Development, Boston, MA.

*Poirier, C. P., Craton, L. G., & Arata, N.M. (2006, May). *Age estimation and recognition for faces: Participants perform better with young faces*. Poster presented at the annual meeting of the Association for Psychological Science, New York.

Craton, L. G. (2004, October). *Baby backlash: Reexamining the competent infant*. Presentation at the 44th annual meeting of the New England Psychological Association, Providence, Rhode Island.

Branigan, G., Craton, L. G., Leith, M. J., & Murray, V. (2004, November). *Intellectual engagement and learning communities*. Paper presented at the 9th annual Conference on Learning Communities and Collaboration, Kansas City, Missouri.

Craton, L. G. (2001, April 19-22). The development of sensitivity to pictorial depth information: Reviewing the evidence. Paper presented at the Biennial Meeting of the Society for Research in Child Development, Minneapolis, Minnesota.

*Craton, L. G., Kehoe, M., & Smith, C. (1999, October 23-24). A Darwinian guide to parenting: Part II. Paper presented at the 39th Annual Meeting of the New England Psychological Association, University of Hartford, Hartford, CT.

*Craton, L. G., & Bolduc, C. M. (1999, March 24-26). Perceptual completion and object segregation in infancy: Two accounts. Presented at the 71st Annual Meeting of the Eastern Psychological Association, Baltimore, Maryland.

Craton, L. G. & Bushnell, E. W. (1998, November 5-7). Awareness of visual-tactual discrepancy eliminates tactual dominance in roughness perception. Poster presented at the 39th Annual Meeting of the Psychonomic Society, Dallas, Texas.

Craton, L. G. (1998, October 23-24). A Darwinian guide to parenting. Presentation at the 38th Annual Meeting of the New England Psychological Association, University of Rhode Island, Providence, Rhode Island.

*Craton, L.G., Poirier, C., & Heagney, C. (1998, April). Surface similarity and edge alignment in infants' perception of partly occluded objects. Poster presented at the 11th Biennial International Conference on Infant Studies, Atlanta, Georgia.

*Craton, L.G., Poirier, C., & Heagney, C. (1997, October 24-25). Perceptual completion

and object segregation in infancy. Poster presented at the 37th Annual Meeting of the New England Psychological Association, Stonehill College, North Easton, Massachusetts.

*Craton, L.G., & Poirier, C. (1997, January 25). Perceptual completion and segregation in infancy. Paper presented at the annual New England Mini-Conference on Infant Studies, University of Massachusetts at Amherst, Amherst, Massachusetts.

*Fennell, C.M., Graney, D.D., & Craton, L.G. (1996, October 25-26). Adults' perception of partially occluded objects: The roles of boundary and surface completion processes. Poster presented at the 36th Annual Meeting of the New England Psychological Association, Connecticut College, New London, CT.

*Craton, L.G., Sheehan, H.L., & Graney, D.D. (1996, March 29-31). Developmental changes in infants' knowledge of support relations and the perception of object unity. Poster presented at the Annual Meeting of the Eastern Psychological Association, Philadelphia, PA.

Craton, L.G. (1995, June 1-3). Stalactites and stalagmites: A developmental sequence in infants' use of support relations to infer object unity. Paper presented at the 25th Annual Symposium of the Jean Piaget Society, Berkeley, California.

*Craton, L.G., Bauer, D.J., & Guder, M.M. (1995, April 13-15). Stalactites, Stalagmites: Support relations influence infants' perception of object unity. Poster presented at the Annual Meeting of the Southwestern Psychological Association, San Antonio, Texas.

*Craton, L.G. & Jackson, C.D. (1995, April 13-15). Recognizing shadow letters: The role of edge information. Poster presented at the Annual Meeting of the Southwestern Psychological Association, San Antonio, Texas.

Craton, L.G. (1994, June 2-5). Infants' perception of stationary, partially occluded objects. Invited symposium paper presented at the Ninth International Conference for Infant Studies, Paris, France.

Craton, L.G. (1994, June 2-5). The role of support in infants' perception of stationary, partially occluded objects. Paper presented at the Ninth International Conference for Infant Studies, Paris, France.

Craton, L.G. (1993, November 5-7). Intersensory conflict and texture perception: Evidence for tactual capture. Paper presented at the Thirty-fourth Annual Meeting of the Psychonomic Society, Washington, D.C.

Craton, L.G. (1993, October 15-17). Interactive software for teaching perception and cognition in the "electronic classroom." Invited presentation, Workshop on Laboratories and Research Demonstrations in Teaching Introductory and Mid-

Level Psychology Courses, Pews Midstates Science Consortium, Carleton College, MN.

Craton, L.G. (1993, March 25-28). Infants' perception of the unity and appearance of stationary partially occluded objects. Paper presented at the Biennial Meeting of the Society for Research in Child Development, New Orleans, Louisiana.

Craton, L.G. (1992, May 6-10). Infants' spatial and temporal integration abilities. Paper presented at the Eighth International Conference for Infant Studies, Miami, FLA.

Craton, L.G. (1991, Sept. 27-29). The development of the perception of occlusion: Infants' sensitivity to kinetic and static information. Paper presented at the Center for Research in Learning, Perception, and Cognition, University of Minnesota, Minneapolis, MN.

Craton, L.G. (1991, May 17-18). Intersensory conflict and texture perception: Evidence for tactual capture. Paper presented at the Second Annual Meeting of the Armadillo Society, Texas A&M, Bryan, TX.

Yonas, A. & Craton, L.G. (1990, April 29-May 4). Boundary identification and the computation of relative motion: two processes in kinetic occlusion. Paper presented at the Annual Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, FLA.

Craton, L.G., & Yonas, A. (1990, April 29-May 4). Infants' perception of kinetic occlusion. Paper presented at the Annual Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, FLA.

Craton, L.G. & Yonas, A. (1990, April 19-22). Infants' perception of occlusion: shape constancy and figure-ground organization. Paper presented at the Seventh International Conference on Infant Studies, Montreal, Canada.

Yonas, A., & Craton, L.G. (1990, Nov 9-12). Two processes in kinetic occlusion: boundary identification and computation of relative motion. Paper presented at the Thirtieth Annual Meeting of the Psychonomic Society, Atlanta, GA.

Yonas, A. & Craton, L.G. (1989, June). The development of perception over time. Paper presented at the Fifth International Conference on Event Perception and Action, Miami University, Oxford, OH.

Yonas, A., Arterberry, M.E., & Craton, L.G. (1989, June 1-2). Infants' sensitivity to time-dependent spatial information. Paper presented at the Twenty-third Carnegie Mellon Symposium on Cognition, Carnegie Mellon University, Pittsburgh, PA.

Craton, L.G., & Yonas, A. (1989, April 30 - May 5). Kinetic occlusion: Further studies of the boundary flow cue. Paper presented at the Annual Meeting of the

Association for Research in Vision and Ophthalmology, Sarasota, FLA.

Yonas, A., Craton, L.G., & Nussle, C.F. (1988, May). Early sensitivity to kinetic information for figure-ground relations. Paper presented at the Annual Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, FLA.

Yonas, A., Craton, L.G. & Nussle, C.F. (1988, April). Infants' sensitivity to kinetic information for figure and ground. Paper presented at the Sixth International Conference on Infant Studies, Washington D.C..

Yonas, A., & Craton, L.G. (1987, August 26). Relative motion and infants' perception of figure and ground. Paper presented at the Fourth International Conference on Event Perception and Action, Trieste, Italy.

Craton, L.G., & Yonas, A. (1987, May 4-8). Infants' sensitivity to relative motion information for the order of depth at an edge. Paper presented at the Annual Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, FLA.

Elicker, J., Craton, L.G. & Plumert, J. (1987, April). Children's use of frames of reference in communication of spatial location. Paper presented at the Biennial Meeting of the Society for Research in Child Development, Baltimore.

Elicker, J., Craton, L.G., Plumert, J. & Pick, H.L. (1986, May 29-31). Spatial cognition as reflected in referential communication. Paper presented at the Sixteenth Annual Symposium of the Jean Piaget Society, Philadelphia, PA.

Yonas, A., Craton, L.G., Arterberry, M.E. & Thompson, W.B. (1986, April 28-May 2). Relative motion: kinetic information for depth at an edge. Paper presented at the Annual Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, FL.

Craton, L.G., Arterberry, M.E., & Yonas, A. (1985, November 22-24). Common motion: kinetic information for depth at an edge. Paper presented at the Twenty-sixth Annual Meeting of the Psychonomic Society, Boston, MA.