Matthew Inverso
1643 Tarus Loop
Charleston, IL, 61920
(609) 401-0574
Matthew.inverso@gmail.com

Goal: My long-term goal is to teach the next generation of scientists and scholars, particularly in the world of perceptual psychology. I plan to use my education and experience to contribute to the ever-growing research regarding how people see and perceive the world around them.

Education:

University of California, Irvine, CA   Graduation date: August 2017
Ph.D. program in Cognitive Science
Masters conferred March 2016
Dissertation title: *Using the Centroid Method to Study Feature Based Selective Attention*

Rutgers University, New Brunswick, NJ   Graduation Date: May 2012
Double Major: Psychology (GPA: 3.96) and Statistics/Mathematics (GPA: 3.77)
Cumulative GPA: 3.84
Honors Thesis: *Emergent Features in Object Detection*

Teaching Experience:

Instructor, Eastern Illinois University   August 2021-Present
Courses: Introduction to Psychology
          Adolescent Development
          Theories of Personality

    Primary Responsibilities: Creating a course syllabus and all course content, teaching
    and grading all course material, and generally being available to students for any help
    they need.

Visiting Assistant Professor, University of Southern Mississippi   August 2019-August 2021
Courses: Statistics in the Behavioral Sciences (online and in person)
          General Psychology (online and in person)
          Behavioral Neuroscience (online and in person)
          Senior Seminar (online)
          Research Methods (online)

    Primary Responsibilities: Creating a course syllabus and all course content, teaching
    and grading all course material, and generally being available to students for any help
    they need.

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Teaching Assistant, University of California, Irvine   September 2012-August 2017
Courses: Statistics and Probability
           Introduction to Linguistics
           Introduction to Psychology
           Research Computing in Social Sciences

           Primary Responsibilities: Teaching course content, leading discussion sections and labs, proctoring exams, and grading papers and exams, specializing in Statistics and Probability. Responsible for maintaining office hours to support learning and professional development of students.

Teaching Assistant, Rutgers University   September 2011-May 2012
Course: Organizational and Personnel Psychology

           Primary Responsibilities: Grading papers and exams

Research Assistant, Rutgers University   September 2010-May 2012
           Primary Responsibilities: Prepare research subjects and administer study protocols for various projects. Also research previous work related to sensation, perception, and cognition.

Publications:
Inverso, M., Sun, P., Chubb, C., Wright, C. E., & Sperling, G. (2016). Evidence against global attention filters selective for absolute bar-orientation in human vision. *Attention, Perception, & Psychophysics*, *78*(1), 293-308.

Poster Presentations:
Inverso, M., Chong, S.C., & Kang, M.S. (August 2018). *Investigating the Effect of Ensemble Preview on Category Learning.* Korean Society for Brain and Neural Sciences – Korean Annual conference, Seoul, Korea

Inverso, M., Chubb, C., Wright, C., & Sperling, G. (May 2017). *Using Angles as Features*. Vision Science Society – US Annual Conference, St. Pete Beach, Florida

Inverso, M., Wright, C., Chubb, C., Sun, P., & Sperling, G. (November 2014). *Examining a Single-Salience-Map Hypothesis for Feature-Based Attention*. Psychonomics Society - US Annual Conference, Los Angeles, California

Inverso, M., Wilder, J., Feldman, J., & Singh, M. (May 2012). *Emergent Features in Object Detection*. Vision Science Society – US Annual Conference, Naples, Florida

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Inverso, M. (May 2012). *Emergent Features in Object Detection.* Honors Thesis Presentation, Rutgers University, New Brunswick, New Jersey.

Conference Talks:
Inverso, M., Chubb, C., Wright, C., Shiffrin, R., & Sperling, G. (May 2016). *Comparing Efficiencies in Estimating Centroids and Judging Numerosity*. Vision Science Society – US Annual Conference, St. Pete Beach, Florida

Inverso, M., Chubb, C., Wright, C., Sperling, G., Sun, P. (May 2015). *Evidence against global attention filters selective for absolute bar-orientation in human vision*. Vision Science Society – US Annual Conference, St. Pete Beach, Florida.

Research Experience:
Postdoctoral Research, Yonsei University   October 2017-November 2018
PI: Drs. Sang Chul Chong & Min-Suk Kang
    Research Focus: We designed and ran a series of studies aiming to expand on the current models of how people learnt to categorize objects that they have never seen before.

Independent Research, University of California, Irvine   September 2012-August 2017
Advisor: Dr. Charlie Chubb

    Research Focus: We aimed to discover when people can and cannot attend selectively to visual features of a scene. Using a novel method of studying this, we were able to conclude that while people can attend to some features (such as color and size), others were impossible (such as orientation). We further aimed to explain why this may be the case. I ultimately was able to compile this work in my doctoral dissertation.

Psychology Honors Program, Rutgers University   September 2011-May 2012
Advisor: Dr. Jacob Feldman

    Research Focus: We continued the work we began the previous summer, completing a thesis on the topic of finding patterns in noise.

REU Summer Researcher, Rutgers University, PSG   June 2011-August 2011
Advisor: Dr. Jacob Feldman and Dr. Manish Singh

    Research Focus: We designed and ran a study on perception, and how people are able to find meaningful patterns in random noise.

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Volunteer Internship, Rutgers University Psychology Department   June 2009-September 2010
Supervisor: Dr. Richard Contrada

Research Focus: Helped design and run the Emotions 2 study, an investigation of the relationship between stressful life events and physical health.

Honors and Awards:

Received John I. Yellott Scholar Award	June 2014
Received Bachelor's Degree with High Honors	May 2012
Awarded Class of 1969 Honors Scholarship	February 2012
Accepted into Psi Chi, Psychology Honors Society	November 2010
Awarded School of Arts and Sciences Excellence Award	June 2010
Awarded Rutgers 2010 Academic Excellence Award	May 2010
Accepted into Honors Society, Delta Epsilon Iota	September 2010
Acceptance into Honors Program of Rutgers University	January 2008

Service to Community:
April 2017-Present: Reviewer for Attention, Perception, and Psychophysics
May, 2009-May 2010: Peer Mentor Rutgers University

References:
Charlie Chubb – Ph.D. Advisor
Professor at UC, Irvine – cfchubb@uci.edu – (949) 824-1481

Jonathan Lui – Professor I worked under
Professor at UC, Irvine – luij@uci.edu – (949) 824-6479

Sang Chul Chong – Post-Doc Advisor
Professor at Yonsei University – scchong@yonsei.ac.kr

Bonnie Nicholson – Professor I worked with
Professor at University of Southern Mississippi – bonnie.nicholson@usm.edu – (601) 266-4598