

# Devin M. Burns

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CONTACT INFORMATION Assistant Professor Psychological Sciences  
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Technology  
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EDUCATION **Indiana University, Bloomington**, IN USA

Ph.D., Cognitive psychology and cognitive science **July 2014**

- Thesis Title: *The Many Faces of Garner Interference*
- Advisor: [James T. Townsend](#)
- 3.97 GPA

**Bradley University**, Peoria, IL

B.S., Mathematics **May 2008**

- Named the outstanding student in Mathematics **2007 & 2008**
- Minors in Philosophy and Computer Science

TEACHING EXPERIENCE **Framingham State University - All courses are 4 hours per week**

*Cognitive Psychology* **Taught twice**

*Sensation & Perception* **Taught twice, two sections in progress**

*Research Methods 1* **Taught once, one section in progress**

*Research Methods 2* **Taught once**

**Framingham State University - Overload Teaching**

*Cognitive Psychology* **Online course in progress**

*General Psychology* **Online summer course**

*Freshman Foundations Seminar* **Course in progress**

*GRE Prep Course* **20 hr Summer class**

<b>Indiana University</b>	<b>2008-2013</b>
<i>Cognitive Psychology</i>	<b>Taught one class</b>
<i>Methods of Experimental Psychology</i>	<b>Taught three classes</b>

**Teaching Assistant (at IU)**

<i>Graduate Statistics</i>	<b>Fall 2011</b>
<i>Statistical Techniques in Psychology</i>	<b>Summer 2011</b>
<i>Embodied Cognition and Ecological Psychology</i>	<b>Fall 2010</b>
<i>History and Systems of Psychology</i>	<b>Fall 2010</b>

**AWARDS**

- Awarded Stipend for Innovations in Pedagogy **2015**
- Honored as Most Outstanding FSU Student/Mentor pair **2015**
- Named the Most Outstanding Graduate Student Instructor **2014**
- Cognitive Science Program Summer Research Fellowship **2012**
- Received Commendation for Qualifying Exam Performance **2011**
- Society for Mathematical Psychology Student Awards **2009-2012**
- Honorable Mention for NSF Graduate Research Fellowship **2009**
- NIMH Cognitive Modeling Training Grant **2008**

**DEPARTMENTAL  
SERVICE**

- Chair of Assessment Committee **2015**
- Guided Senior Honors Thesis on Pedagogical Design **2015**
- Advisor for Two Students Doing a Practicum in Teaching **2015**
- Taught Independent Study Course on Student Research **2014**
- Member of Search Committee and Assessment Committee **2014**
- Academic Advisor for Thirty Undergraduates **2014 - 2015**
- Mentored Seven Undergraduate Research Assistants **2008 - 2014**

- PEDAGOGICAL TRAINING
- President’s Initiative for Critical Thinking Workshop **2015**
  - Teaching at a Distance Workshop for Instructors **2015**
  - “Teaching Pairs” Peer Observation Program **2015**
  - Peer Mentoring Program for Tenure-Track Professors **2015**
  - Elective course on Pedagogy and Instructional Design **2012**
- PUBLICATIONS
- Burns, D. M. (in press). Garner interference is not solely driven by stimulus uncertainty. *Psychonomic Bulletin and Review*, DOI: 10.3758/s13423-016-1054-1.
- Houpt, J. W., & Burns, D. M. (in press). Statistical analyses for Systems Factorial Technology. In C. Yang, M. Fific, N. Alteiri, & D. Little (Eds), *Systems Factorial Technology*. Amsterdam: Elsevier.
- Burns, D. M., Houpt, J. W., & Townsend, J. T. (2013). Functional principal components analysis of workload capacity functions. *Behavioral Research Methods*, *45*, 1048-1057.
- Houpt, J. W., Hawkins, R.D., Burns, D. M., & Townsend, J.T. (2013). Measuring configural superiority with the capacity coefficient. *Journal of Vision*, *13*(9), 73.
- Townsend, J. T., Burns, D. M., & Lei, P. (2012). The prospects for measurement in infinite dimensional psychological spaces. In B. Berglund, J. T. Townsend, G. B. Rossi, and L. Penndrill (Eds.), *Measurement with Persons: Theory and Methods* (pp.143-174). New York: Taylor & Francis Group.
- Townsend, J. T., Yang, H., & Burns, D. M. (2011). Experimental discrimination of the world’s simplest and most antipodal models: The parallel-serial issue. In E. Dzhafarov & L. Perry (Eds), *Descriptive and Normative Approaches to Human Behavior* (pp. 271-302). Singapore: World Scientific.
- PEDAGOGICAL PRESENTATIONS
- Lin, P. S. J., Kennette, L. N., Van Havermaet, L. R., & Burns, D. M. (2016). Team teaching. Roundtable discussion at the affiliated meeting of the society for the teaching of psychology.
- Burns, D. M., & Lin, P. S. J. (2015). Pedagogies of team teaching. Talk presented at A Day in May: A Celebration of Teaching, Scholarship, and Creativity at Framingham State University.

Burns, D. M., & Savion, L. (2010). Hijacking social networks in the service of pedagogy. Talk presented at the Faculty Colloquium on Excellence in Teaching (FACET) annual Associate Faculty and Lecturers' Conference.

Burns, D. M. (2010). Dealing with public speaking anxiety in the classroom. Talk presented at campus-wide orientation for new AI's at IU.

RESEARCH PRESENTATIONS Burns, D. M., & Townsend, J. T. (2013). The many faces of Garner interference. Talk presented at: Cognitive Lunch talk series; Indiana University, Bloomington, IN.

Houpt, J. W., Blaha, L. M. & Burns, D. M. (2013). The latest systems factorial technology in R developments. Talk at the Society for Computers in Psychology Annual Meeting; Toronto, ON.

Burns, D. M., Houpt, J. W., & Townsend, J. T. (2012). Functional principal components analysis of workload capacity functions. Talk presented at: Society for Mathematical Psychology 45th Annual Conference; Columbus, OH.

Burns, D. M., Houpt, J. W., Endres, M. J., & Townsend, J. T. (2010). Functional principal components analysis and the capacity coefficient. Poster presented at: Society for Mathematical Psychology 43rd Annual Conference; Portland, OR.

Burns, D. M., Houpt, J. W., & Townsend, J. T. (2010). Capacity analysis of facial perception. Poster presented at: Vision Sciences Society Conference; Naples, FL.

Burns, D. M., Pei, L., Houpt, J. W., & Townsend, J. T. (2009). Facial perception as a configural process. Poster presented at: Annual Meeting of the Cognitive Science Society; Amsterdam, Netherlands.

PROFESSIONAL SERVICE **Ad-hoc reviewer**

- *Behavioral Brain Research*
- *Journal of Exp. Psychology: Human Perception and Performance*
- *Journal of Mathematical Psychology*
- *Psychological Bulletin*
- *Journal of Applied Statistics*

PROFESSIONAL AFFILIATIONS

- Society for Mathematical Psychology
- Cognitive Science Society
- Vision Sciences Society
- Association for Psychological Science

SKILLS Experienced in L<sup>A</sup>T<sub>E</sub>X, PsychoPy, R, Matlab, Blackboard, and Captivate

REFERENCES Joseph D'Andrea [jdandrea@framingham.edu](mailto:jdandrea@framingham.edu)

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Rudy Professor of Psychology  
and

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