

Ryan K. Jessup

Post-Doctoral Fellow

Trinity College Institute of Neuroscience

School of Psychology

Dublin, Ireland

Contact Information

Lloyd Building
Trinity College Institute of Neuroscience
Trinity College Dublin
Dublin 2 Ireland
Phone: +353.1.896.4234
Email: jessupr@tcd.ie

Educational Background

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| 2008 | Ph.D., Joint degree in Cognitive Psychology and Cognitive Science,
Indiana University (advisor: Jerome R. Busemeyer). |
| 2003 | M. S., Psychology, Abilene Christian University. |
| 1997 | B. B. A., Marketing, Abilene Christian University, Summa Cum Laude. |

Relevant Professional Employment

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| 2008-present | Post-Doctoral Fellow, Trinity College Institute of Neuroscience and
School of Psychology, Trinity College Dublin (with John P.
O'Doherty). |
| 2008 | Teaching Assistant, P554 Advanced Statistics II, taught by Jerome
Busemeyer, Ph.D., Indiana University. |
| 2007 | Guest Lecturer, P648 Choice Behavior, Indiana University. |
| 2007 | Guest Lecturer, K300 Statistical Techniques, Indiana University. |
| 2007 | Teaching Assistant, K300 Statistical Techniques, taught by Luiz
Pessoa, Ph.D., Indiana University. |
| 2007 | Research Assistant, Decision Research Lab. |
| 2006 | Instructor, P154 Introduction to Psychology II for Majors: Lab. |

- 2004 Teaching Assistant, P151 Introduction to Psychology for Majors,
taught by Julie C. Stout, Ph.D., Indiana University.
- 2004-2008 Coordinator, Decision Research Laboratory.
- 2003 Guest Lecturer, P335 Cognitive Psychology.
- 2003 Teaching Assistant, P335 Cognitive Psychology, taught by Brian
Bowdle, Ph.D., Indiana University.
- 2002-2003 Research Assistant, The Robert and Mary Ann Hall of Psychology,
Stephen Allison, Ph.D., Abilene Christian University.
- 2001-2002 Research Assistant, Chair of Psychology Department, Robert
McKelvain, Ph.D., Abilene Christian University.

Professional Affiliations

Association for Psychological Science
Cognitive Neuroscience Society
Judgment and Decision Making
Society for Neuroeconomics
Society for Neuroscience

Honors and Awards

- 2009 Student Research Achievement Award, Cognitive Science Program,
Indiana University.
- 2008 J. R. Kantor Award for Excellence in Graduate Research, Department
of Psychological & Brain Sciences, Indiana University.
- 2008 Cognitive Science Program Summer Fellowship Award, Indiana
University.
- 2006 Summer Institute on Bounded Rationality in Psychology and
Economics participant, Max Planck Institute for Human
Development, Berlin, Germany.
- 2005 Commendation on Qualifying Examination.

2004-2006	Clinical Science Research Training Grant, supported by National Institute of Mental Health, Indiana University.
2004	Cognitive Science Program Summer Award, Indiana University.
2003	Certificate in Mediation, Abilene Christian University Center for Conflict Resolution.
2003	Graduate Research Paper Contest, Quantitative Division, 2 nd place, Abilene Christian University.
2003	Graduate Research Paper Contest, Quantitative Division, 3 rd place, Abilene Christian University.
2002	Wells-Kirkland Scholarship, Abilene Christian University.
2002	Graduate Research Paper Contest, Quantitative Division, 1 st place, Abilene Christian University.
1997	Valedictorian, Abilene Christian University.
1997	Outstanding Student, College of Business Administration, Abilene Christian University.
1997	Who's Who Among American College Students.
1995-1997	National Dean's List.
1994-1997	University Scholarship, Abilene Christian University.
1994-1997	Trustee Scholarship, Abilene Christian University.
1994-1997	Valedictorian-Salutatorian Scholarship, Abilene Christian University.
1994	National Office Products Association Scholarship.
1994	Wal-Mart Scholarship.

Ad hoc Review

Journals

Behavioral and Brain Sciences, Cognitive Psychology, Cognitive Science, Journal of Behavioral Decision Making, Journal of the Royal Society Interface, Judgment and Decision Making, Neural Computation, Neuroimage, Psychonomic Bulletin & Review

Grants

Netherlands Organization for Scientific Research

Publications

- Jessup, R. K.**, Busemeyer, J. R., Brown, J. W. (in press). Error effects in anterior cingulate cortex reverse when error likelihood is high. *Journal of Neuroscience*.
- Jessup, R. K.**, & O'Doherty, J. P. (2009). It was nice not seeing you today: Perceptual learning about rewards in the absence of awareness. *Neuron*, *61*, 649-650.
- Jessup, R. K.**, Veinott, E. S., Todd, P. M., & Busemeyer, J. R. (2009). Leaving the store empty-handed: Testing explanations for the too much effect using decision field theory. *Journal of Psychology & Marketing*, *26*, 299-320.
- Jessup, R. K.** (2009). Transfer of high domain knowledge to a similar domain. *American Journal of Psychology*, *122*, 63-73.
- Busemeyer, J. R., & **Jessup, R. K.**, & Dimperio, E. (2009). The dynamic interactions between situations and decisions. In P. Robbins, M. Aydede (Eds.), *The Cambridge Handbook of Situation Cognition* (pp. 307-321). New York: Cambridge University Press.
- Jessup, R. K.**, Bishara, A. J., & Busemeyer, J. R. (2008). Feedback produces divergence from Prospect Theory in descriptive choice. *Psychological Science*, *19*, 1015-1022.
- Busemeyer, J. R., Dimperio, E., & **Jessup, R. K.** (2007). Integrating emotional processes into decision making models. In W. D. Gray (Ed.), *Integrated Models of Cognitive Systems* (pp. 213-229). New York: Oxford University Press.
- Busemeyer, J. R., **Jessup, R. K.**, Johnson, J. G., & Townsend, J. T. (2006). Building bridges between neural models and complex decision making behavior. *Neural Networks*, *19*, 1047-1058.
- Busemeyer, J. R., Johnson, J. G., & **Jessup, R. K.** (2006). Preferences constructed from dynamic micro-processing mechanisms. In S. Lichtenstein & P. Slovic (Eds.), *The Construction of Preference* (pp. 220-234). New York: Cambridge University Press.
- Beck, R., & **Jessup R. K.** (2004). A multidimensional assessment of Quest motivation. *Journal of Psychology and Theology*, *32*, 283 - 294.

Submitted and in Preparation Manuscripts

Dimperio, E., **Jessup, R. K.**, & Busemeyer, J. R. (in revision). *Integrating sophisticated choice models with basic learning processes to more fully account for complex choice behavior.*

Jessup, R. K., Brown, J. W., & Busemeyer, J. R. (in preparation). *Neural Correlates of Decision Field Theory with Learning: A Model-based Approach to fMRI.*

Jessup, R. K., Brown, J. W., & Busemeyer, J. R. (in preparation). *Neural Correlates of Behavioral Differences between Descriptive and Experiential Choice.*

Conference Presentations

Jessup, R. K., Busemeyer, J. R., & Brown, J. W. (2008). *Neural Correlates of Behavioral Differences between Descriptive and Experiential Choice.* Paper presented at the 29th annual meeting of the Society for Judgment and Decision Making, Chicago, IL.

Jessup, R. K., Busemeyer, J. R., & Brown, J. W. (2008). *Neural Correlates of Decision Field Theory with Learning: A Model-based Approach to fMRI.* Paper presented at the 49th annual meeting of the Psychonomic Society, Chicago, IL.

Busemeyer, J. R., Dimperio, E., & Jessup, R. K. (2008). *Integrating sophisticated choice models with basic learning processes to more fully account for complex choice behavior.* Paper presented at the 41st annual meeting of the Society for Mathematical Psychology, Washington D.C.

Jessup, R. K., & Busemeyer, J. R. (2007, November). *Feedback Engenders Underweighting of Small Probabilities in Decisions from Description.* Poster presented at the 28th annual meeting of the Society for Judgment and Decision Making, Long Beach, CA.

Veinott, E. S., Jessup, R. K., & Todd, P. M. (2007, August). *Leaving the store empty-handed: Decision Field Theory and choice.* Poster presented at the 29th annual meeting of the Cognitive Science Society, Nashville, TN.

Jessup, R. K., & Busemeyer, J. R. (2007, May). *Decision field theory as a bridge between neural models and complex decision making behavior.* Poster presented at the 14th annual meeting of the Cognitive Neuroscience Society, New York, NY.

- Jessup, R. K., & Busemeyer, J. R. (2006, November). *Decision field theory as a bridge between neural models and complex decision making behavior*. Poster presented at the 27th annual meeting of the Society for Judgment and Decision Making, Houston, TX.
- Veinott, E. S., Jessup, R. K., & Busemeyer, J. R. (2006, November). *Simulating the too-much-choice effect: A comparison of explanations derived from Decision Field Theory*. Poster presented at the 27th annual meeting of the Society for Judgment and Decision Making, Houston, TX.
- Jessup, R. K., & Busemeyer, J. R. (2006, September). *Decision field theory as a bridge between neural models and complex decision making behavior*. Paper presented at the 2nd annual meeting of the Society for Neuroeconomics, Park City, UT.
- Jessup, R. K., Veinott, E. S., & Todd, P. M. (2006, June). *Simulating the too-much-choice effect: A comparison of explanations derived from Decision Field Theory*. Poster presented at the 10th biennial meeting of the Behavioral Decision Research in Management, Santa Monica, CA.
- Jessup, R. K. (2006, April). *Simulating the too-much-choice effect: A comparison of explanations derived from Decision Field Theory*. Paper presented at the Clinical Science Colloquium, Indiana University, Bloomington, IN.
- Jessup, R. K. (2005, April). *Modeling the too-much-choice effect: A comparison of explanations derived from Decision Field Theory*. Paper presented at the Hoosier Mental Life Conference, Bloomington, IN.
- Jessup, R. K. (2005, December). *Descriptive vs. Experiential Decisions: A fMRI Proposal*. Presented at IU Neuroimaging Group, Indiana University, Bloomington, IN.
- Jessup, R. K. (2005, December). *Interacting effects of gamble variance and learning on preference reversals: A model comparison*. Paper presented at the Cognitive Lunch Seminar, Indiana University, Bloomington, IN.
- Jessup, R. K. (2005, November). *Interacting effects of gamble variance and learning on preference reversals: A model comparison*. Poster presented at the 26th annual meeting of the Society for Judgment and Decision Making, Toronto, ON, CAN.
- Jessup, R. K., Johnson, J. G., & Busemeyer, J. R. (2004, June). *A systematic examination of preference reversals*. Paper presented at the Hoosier Mental Life Conference, Columbus, OH.
- Jessup, R. K. (2003, April). The effects of high domain knowledge on memory in an unknown, yet similar domain: Can domain knowledge transfer? In T. S. Perkins

- (Chair), *Advances in Neuropsychological Assessment*. Symposium conducted at the Southwest Psychological Association Conference, New Orleans, LA.
- Jones, B. V. & Jessup, R. K. (2003, April). *Maturity and tarnished innocence and their effect on just world expectations*. Poster presented at the Southwest Psychological Association Conference, New Orleans, LA.
- McDonald, A., Jessup, R. K., Grippando, M., & Crosby, L. (2004, July). *Flashbulb memories: The Columbia space shuttle explosion and the September 11th attacks*. Poster presented at the 112th convention of the American Psychological Association in Honolulu, HI.
- McKelvain, W. R., Jessup, R. K., Woods, C., & Phillips, S. (2003, April). *Exploring the construct of trust: An assessment study*. Poster presented at the Southwest Psychological Association Conference, New Orleans, LA.
- Jessup, R. K. (2002, April). A multidimensional assessment of Quest motivation. In R. Beck, & A. McDonald (Chairs), *Relating to God: Empirical perspectives on spiritual well-being*. Symposium conducted at the Southwest Psychological Association Conference, Corpus Christi, TX.

References

Dr. Jerome Busemeyer
Professor of Psychological and Brain Sciences
Indiana University
1101 East Tenth Street
Bloomington, Indiana, 47405
Phone: 812.855.4882
Email: jbusemey@indiana.edu

Dr. John O'Doherty
Thomas N. Mitchell Professor of Cognitive Neuroscience
Trinity College Institute of Neuroscience and School of Psychology
Lloyd Building
Trinity College Dublin
Dublin 2 Ireland
Phone: +353.1.896.8526
Email: odoherjp@tcd.ie

Dr. Joshua Brown
Assistant Professor of Psychological and Brain Sciences
Indiana University
1101 East Tenth Street
Bloomington, Indiana, 47405
Phone: 812.855.9282
Email: jwmbrown@indiana.edu

Dr. Peter Todd
Professor of Informatics, Cognitive Science, and Psychology
Indiana University
1101 East Tenth Street
Bloomington, Indiana, 47405
Phone: 812.856.1839
Email: pmtodd@indiana.edu

Dr. Julie Stout
Professor of Psychology, Psychiatry and Psychological Medicine
Building 17, Clayton Campus
Monash University
Victoria 3800 Australia
Email: julie.stout@med.monash.edu.au