REBECCA S. BETJEMANN

CURRICULUM VITA

Department of Psychology & Neuroscience D-12
Regis University
3333 Regis Blvd.
Denver, CO 80221

Email: rbetjema@regis.edu
Office phone: 303-964-5235

Education

Ph.D. Cognitive Psychology, 2005
Specialization in Developmental Cognitive Neuroscience
University of Denver, Denver, CO
Dissertation Topic: Lexical Priming in Children with Reading Disabilities

M.A. Psychology, 2001
University of Denver, Denver, CO

B.A. Psychology, 1996
Brown University, Providence, RI

Awards

Rebecca L. Sandak Young Investigator Award, Society for the Scientific Study of Reading, 2009
Outstanding Teaching Award, University of Denver Department of Psychology, 2004
Outstanding Service Award, University of Denver Department of Psychology, 2004

Current Position

Assistant Professor, Regis University, Denver, CO (2008 – current). Assistant Professor in the Department of Psychology & Neuroscience.

Courses Taught at Regis:
General Psychology
General Psychology for Pre-Nursing Students, Communication Intensive
Experimental Psychology
Experimental Psychology Lab
Sensation & Perception
Learning & Memory
Learning & Memory Lab
Core Course in Diversity: Learning Disabilities and Psychological Disorders in Society

Committees at Regis:
Faculty Development Committee (Fall 2009 – current)
Committee Co-Chair 2010-2011, Committee Chair 2011-2012
Regis Institutional Review Board, Regis College Representative (January 2010 – current)
Learning Communities Task Force Committee (Spring 2011 – current)
Outside member of search committee (Business 2010-2011, Biology 2011-2012)

Research Interests:

- Issues with assessment of reading, comprehension, and cognition
- Reading Disability and Attention-Deficit/Hyperactivity Disorder
- Language comprehension and semantic processing
- Using behavioral genetics as a tool for understanding the etiology of cognitive deficits

Work with Students:
Senior Honors Advisor (2010-2011, co-advised one student, 2011-2012 Advisor to two students)
Independent Research Instructor/Mentor (Spring 2011: 4 projects)
Independent Study Instructor (Spring 2009: 1, Spring 2010: 1, Spring 2011: 2)
Faculty Sponsor, Psychology Club (Fall 2008 – current)

Other Professional Service:
Society for the Scientific Study of Reading, Conference Program Committee (2010-2011, 2011-2012)
Manuscript reviewer: Reading & Writing, Behavior Genetics

Other Professional Experience

Previous Teaching Experience

Instructor:
Drugs and Behavior – University of Denver, Winter 2002, 2003, 2004, 2005; Spring 2007, 2008
Human Cognition – University of Colorado at Denver, Fall 2004
Psychology of Language – University of Denver, Summer 2001

Teaching Assistant (1998-1999):
Introduction to Psychology, Sensation & Perception, Memory

Completed Teaching Course:
Teaching Psychology, Fall 2003. Participated in a 10-week graduate course aimed at developing skills necessary for the teaching of psychological material. Topics included diversity in the classroom, designing a course, giving lectures, leading discussions, evaluating students, and anticipating and coping with often-encountered problems.

Pre-Regis Student Mentoring:

- Supervised undergraduate Senior Honors Thesis project, titled "The Effect of Closing Statement Order on Final Jury Verdicts" (2002)
- Supervised and mentored nine undergraduate research assistants working in the Keenan Reading and Language Lab. (1999-2005)

Previous Research Experience

Post-Doctoral Trainee, Institute for Behavioral Genetics, University of Colorado at Boulder (2005 - 2008). NRSA Post-doctoral Institutional training grant: training in behavioral genetics methodology, and research on the genetics of reading disability, attention deficit-hyperactivity disorder, and substance abuse.

Graduate Research Assistant, Reading and Language Lab, Dr. Janice M. Keenan, University of Denver. (1999-2005) Research on twins with reading disabilities and attention-deficit/hyperactivity disorder.

Duties include testing children, training new testers, maintenance and analysis of project data, and supervision of research assistants.

Research Assistant, North Charles Research and Planning Group, Cambridge, MA. (1996-1998) Research on substance abuse treatment and treatment need, survey development.

Professional Training

International Workshop on Methodology of Twin and Family Studies, Institute for Behavioral Genetics, Boulder, CO. March 2004 & March 2006; March 2010 (New Program Version)

Publications

Betjemann, R. S., Keenan, J. M., Olson, R. K., & DeFries, J. C. (2011). Choice of Reading Comprehension Test Influences the Outcomes of Genetic Analyses. *Scientific Studies of Reading, 15,* 363-382.

Willcutt, E. G., Betjemann, R. S., McGrath, L. M., Chhabildas, N. A., Olson, R. K., DeFries, J. C., & Pennington, B. F. (2010). Etiology and neuropsychology of comorbidity between RD and ADHD: The case for multiple-deficits models. *Cortex, 46, 1345-1361.*

Betjemann, R.S., Phinney-Johnson, E., Barnard, H., Boada, R., Filley, C.M. … Pennington, B.F. (2010). Genetic covariation between brain volumes and IQ, reading performance, and processing speed. *Behavior Genetics, 40*(2), 135-145.

Keenan, J.M., Olson, R.K., & Betjemann, R.S. (2009). *Assessment and Etiology of Individual Differences in Reading Comprehension*. In R. Wagner, C. Schatschneider, & C. Phythian-Sence (Eds.), *Beyond Decoding: Biological and Behavioral Foundations of Reading Comprehension*. New York: Guilford.

Betjemann, R.S. & Keenan, J.M. (2008). Phonological and semantic priming in children with reading disability. *Child Development, 79*, 1086-1102.

Keenan, J. M., Betjemann, R. S., & Olson, R.K. (2008). Reading Comprehension Tests Vary in the Skills They Assess: Differential Dependence on Decoding and Oral Comprehension. *Scientific Studies of Reading, 12*, 281-300.

Betjemann, R.S., Willcutt, E.G., Olson, R.K., Keenan, J.M., DeFries, J.C., & Wadsworth, S.J. (2008). Word reading and reading comprehension: Stability, overlap and independence. *Reading and Writing: An Interdisciplinary Journal, 21,*539-558.

Keenan, J. M., & Betjemann, R. S. (2008). Comprehension of single words: The role of semantics in reading and reading disability. In E. Grigorenko & A. Naples (Eds.), *Single Word Reading*: *Single Word Reading: Behavioral and Biological Perspectives*. (pp. 191-210). Erlbaum.

Willcutt, E.G., Betjemann, R.S., Pennington, B.F., Olson, R.K., DeFries, J.C., & Wadsworth, S.J. (2007). Longitudinal study of reading disability and DSM-IV attention-deficit/hyperactivity disorder: Diagnostic stability and key developmental outcomes in late adolescence. *Mind, Brain, and Education, 4,* 181-192.

Willcutt, E.G., Betjemann, R.S., Wadsworth, S.J., Samuelsson, S., Corley, R., DeFries, J.C., Byrne, B., Pennington, B.F. & Olson, R.K. (2007). Preschool twin study of the relation between attention-deficit/hyperactivity disorder and prereading skills. *Reading and Writing: An Interdisciplinary Journal, 20(1-2)*, 103-125.

Betjemann, R.S., Willcutt, E.G., Olson, R.K., DeFries, J.C., & Wadsworth, S.J. (2006) Behavior Genetics Association 36th Annual Meeting Abstracts: A preliminary investigation of the genetic etiology of reading comprehension over time. *Behavior Genetics, 36(6),* 956.

Keenan, J.M. & Betjemann, R.S. (2006). Comprehending the Gray Oral Reading Test without reading it: Why comprehension tests should not include Passage-Independent items. *Scientific Studies of Reading, 10*(4), 363-380.

Keenan, J. M., Betjemann, R. S., Wadsworth, S.J., DeFries, J.C., & Olson. R.K. (2006). Genetic and environmental influences on reading and listening comprehension. *Journal of Research in Reading*, 29(1), 75-91.

McAuliffe, W.E., LaBrie, R.A., Lomuto, N.A., Pollock, N.E., Betjemann, R.S., Fournier, E. (2000). Measuring Interstate Variations in Problems Related to Alcohol Use Disorders. In R.A. Wilson & M.C. Dufour (Eds.), *The Epidemiology of Alcohol Problems in Small Geographic Areas*, First Edition, Vol. 36 (213-44). Bethesda, MD: National Institute on Alcohol Abuse and Alcoholism.

McAuliffe, W.E., LaBrie, R., Lomuto, N., Betjemann, R., Fournier, E. (1999) Measuring interstate variations in drug problems. *Drug and Alcohol Dependence. 53*(2), 125-145.

Conference Presentations: Faculty Sponsor

Ott, D. A. (2011, April). *Pre-Testing-State Effects and Reading Method Effects on Reading Comprehension.* Talk presented at the 81st Annual Rocky Mountain Psychological Association convention, Salt Lake City, UT. (**Student research award winner.)

Mason, D. (2011, April). *Political Bias of Party Affiliations in Relation to Political Agreement.* Poster presented at the 81st Annual Rocky Mountain Psychological Association convention, Salt Lake City, UT.

Carpenter, K. (2011, April). *The Impacts of Conscientiousness and Positive Priming on Individuals' Attitudes Toward God.* Poster presented at the 81st Annual Rocky Mountain Psychological Association convention, Salt Lake City, UT.

Conference Presentations

Betjemann, R. S. (2012, April) *A Preliminary Exploration of the Relation between Reading and Cognitive Skills in College Students*. Presented at the 82nd Annual Rocky Mountain Psychological Association convention, Reno, NV.

Betjemann, R. S., Willcutt, E. G., Olson, R. K., Keenan, J. M., Wadsworth, S. J., DeFries, J. C., & Pennington, B. F. (2011, July). *Etiology & Neuropsychology of Comorbidity Between Reading Disorder, Math Disorder, and ADHD.* Talk presented at the meeting of the Society for the Scientific Study of Reading, St. Petersburg Beach, FL.

Betjemann, R. S. (2011, April) *Institutional policies on academic integrity* & *Issues related to academic integrity from a junior faculty perspective*. Presented as part of symposium "Academic Integrity: Techniques, Technology and Teaching Moments" at the 81st Annual Rocky Mountain Psychological Association convention, Salt Lake City, UT.

Betjemann, R. S., Wadsworth, S. J., Olson, R. K., & Willcutt, E. G. (2010, July). *A longitudinal investigation of GPA, ACT, and SAT scores as Outcome Measures related to reading ability*. Poster presented at the meeting of the Society for the Scientific Study of Reading, Berlin, Germany.

Betjemann, R.S., Willcutt, E.G., Olson, R.K., Keenan, J.M., DeFries, J.C., Pennington, B.F., Petrill, S.A., & Hart, S.A. (2009, June). *Etiology of Comorbidity between Reading Disability, Math Disability, and Attention-Deficit/Hyperactivity Disorder*. Poster presented at the meeting of the Society for the Scientific Study of Reading, Boston, MA.

Betjemann, R.S., Willcutt, E.G., McGrath, L., Olson, R.K., Wadsworth, S.J., Keenan, J.M., DeFries, J.C., & Pennington, B.F. (2008, July). *Accounting for the cognitive overlap between reading and attention: A genetic investigation of processing speed.* Talk presented at the meeting of the Society for the Scientific Study of Reading, Asheville, NC.

Keenan, J.M., Betjemann, R.S., & Miller, A.C. (2008, July). *Reading and listening comprehension in children with ADHD.* Talk presented at the meeting of the Society for the Scientific Study of Reading, Asheville, NC.

Betjemann, R.S., Keenan, J.M., DeFries, J.C., Wadsworth, S.J., Willcutt, E.G., & Olson, R.K. (2007, July). *Processing Speed and the Simple View of Reading: A Genetic Analysis.* Talk presented at the meeting of the Society for the Scientific Study of Reading, Prague, Czech Republic.

Betjemann, R.S. & Keenan, J.M. (2006, July) *Is Processing Speed an Independent Component of Reading Comprehension?* Poster presented at the meeting of the Society for the Scientific Study of Reading, Vancouver, Canada.

Keenan, J.M., Betjemann, R.S., & Olson, R.K (2006, July) *How comparable are reading comprehension tests?* Talk presented at the meeting of the Society for the Scientific Study of Reading, Vancouver, Canada.

Willcutt, E.G., Betjemann, R.S., Wadsworth, S.J., Samuelsson, S., Corley, R., DeFries, J.C., Byrne, B., & Olson, R.K. (2006, July) *Preschool twin study of the relation between attention-deficit/hyperactivity disorder and prereading skills.* Talk presented at the meeting of the Society for the Scientific Study of Reading, Vancouver, Canada.

Betjemann, R.S. & Keenan, J.M. (2006, May) *Visual and Auditory Priming in Children with Reading Disability.* Talk presented at the Midwestern Psychological Association Annual Meeting, Chicago, IL.

Keenan, J.M., Betjemann, R.S., & Roth (2006, May) *Do children with comprehension problems have a specific deficit in inferencing?* Talk presented at the Midwestern Psychological Association Annual Meeting, Chicago, IL.

Betjemann, R.S., & Keenan, J.M. (2005, June). *Visual and Auditory Priming in Children with Reading Disabilities*. Poster presented at the meeting of the Society for the Scientific Study of Reading, Toronto, Canada.

Keenan, J.M., Betjemann, R.S., & Roth, L.S. (June, 2005) *Inferencing in reading & listening comprehension in reading disability, comprehension deficit, and ADHD.* Talk presented at the meeting of the Society for the Scientific Study of Reading, Toronto, Canada.

Betjemann, R.S., & Keenan, J.M. (2005, May). *Auditory Priming in Children with Reading Disabilities*. Talk presented at the Midwestern Psychological Association Annual Meeting, Chicago, IL.

Keenan, J.M., Betjemann, R.S., & Roth, L.S. (2005, May). *A Comparison of Comprehension Tests*. Talk presented at the Midwestern Psychological Association Annual Meeting, Chicago, IL.

Betjemann, R.S., & Keenan, J.M. (2004, June). *Priming in Children with Reading Disabilities*. Poster presented at the meeting of the Society for the Scientific Study of Reading, Amsterdam, The Netherlands.

Keenan, J.M., Betjemann, R. S., & Olson, R.K. (2004, May) *Automatic Scoring of Children's Retellings of Passages.* Poster presented at the Midwestern Psychological Association Annual Meeting, Chicago, IL.

Betjemann, R.S., Keenan, J.M., & Olson, R.K. (2004, May). *What predicts performance on a popular test of reading comprehension?* Poster presented at the Midwestern Psychological Association Annual Meeting, Chicago, IL.

Betjemann, R.S., Keenan, J.M., & Olson, R.K (2003, June). *Listening Comprehension in Children with Reading Disability*. Poster presented at the meeting of the Society for the Scientific Study of Reading, Boulder, CO.

Keenan, J.M., & Betjemann, R.S. (2003, June). *Lexical Computations in Skilled Reading and Dyslexia*. Talk presented at the meeting of the Society for the Scientific Study of Reading, Boulder, CO.

Betjemann, R.S., Keenan, J.M., Potter, J., Fazendeiro, T.A., & Olson, R.K. (2003, May). *A Well-Known Reading Comprehension Test that Doesn't Require Reading*. Poster presented at the Midwestern Psychological Association Annual Meeting, Chicago, IL.

Keenan, J.M., Betjemann, R.S., Potter, J., Fazendeiro, T.A., & Olson, R.K. (2003, May) *Are Listening Comprehension Deficits in Reading Disability Due to Knowledge Differences?* Poster presented at the Midwestern Psychological Association Annual Meeting, Chicago, IL.

Betjemann, R.S., Keenan, J.M., Fazendeiro, T.A., & Potter, J. (2002, June). *Comprehending the GORT without reading it.* Poster presented at the meeting of the Society for the Scientific Study of Reading, Chicago, IL.

Fazendeiro, T.A., Keenan, J.M., & Betjemann, R.S. (2002, June). *Latent semantic analysis versus idea checklists: Methods for assessing passage recall and comprehension.* Poster presented at the meeting of the Society for the Scientific Study of Reading, Chicago, IL.

Keenan, J.M., Betjemann, R.S., & Fazendeiro, T.A. (2002, June). *Reading disability and inference deficits in listening comprehension.* Poster presented at the meeting of the Society for the Scientific Study of Reading, Chicago, IL.

Betjemann, R.S., Keenan, J.M., & Fazendeiro, T.A. (2002, May) *Reading and Listening Comprehension in Normal Readers and Children with Reading Disability.* Talk presented at the Midwestern Psychological Association Annual Meeting, Chicago, IL.

Keenan, J.M. & Betjemann, R.S. (2002, May) *Combinatorial Priming: Assessing the Architecture of the Lexicon in Skilled Reading and Dyslexia.* Poster presented at the Midwestern Psychological Association Annual Meeting, Chicago, IL.

Betjemann, R.S. & Keenan, J. M. (2001, May). *The effects of very fast prime duration on combinatorial priming.* Poster presented at the meeting of the Midwestern Psychological Society Annual Meeting, Chicago, IL.

Keenan, J. M. & Betjemann, R.S. (2001, May). *Does the order of opening statements in a trial create bias?* Poster presented at the meeting of the Midwestern Psychological Society Annual Meeting, Chicago, IL.

Keenan, J. M. & Betjemann, R.S. (2001, June). *Combinatorial priming in skilled reading and dyslexia.* Poster presented at the meeting of the Society for the Scientific Study of Reading, Boulder, CO.

Keenan, J.M., Grubb, J.D., & Betjemann, R.S. (1999, June). *Combinatorial influences of Graphemic, Phonological, and Semantic Priming.* Poster presented at the meeting of the American Psychological Society 11th Annual Convention, Denver, CO.