

Homer A. Russell III

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Education

Ph. D., Educational Psychology, Georgia State University, Atlanta, GA. 2005.
M. S., Educational Psychology, Georgia State University, Atlanta, GA. 1997.
B. A., Psychology, Saint Martin's College, Lacey, WA. 1984.

Research Interests

I have focused my research interests on the development of reasoning, argumentation, and critical thinking across the life span. My recent research has focused on discourse and its effect on the development of learning outcomes. I am also interested in the cognitive effects associated with the use of technology and the use of that technology in reasoning and decision-making.

Research Experience

2000-2003. GenScope Assessment Project. Assessment and manipulation of student motivation in cooperative learning groups within high school genetics classrooms. This was a mixed-methods, multi-year study utilizing videography, interview, observations, and survey data.

1999-2000. Learning By Design. Assessment and manipulation of student motivation in collaborative science learning settings. This was a multi-year study using videography support and innovative learning experiences.

1998-1999. Mars Challenge Internet Based Inquiry and Learning. A mixed-methods study focused on an innovative web-based learning environment featuring a portable-laptop computer classroom. The system and curriculum was tested in Atlanta area schools, and at Wheeling Jesuit University's NASA supported Center for Educational Technologies.

1996-1997. Enhancing Reading Comprehension in Older Adults. An intervention intended to foster improvement in reading comprehension in older adults (aged 63-91 years).

Publications

Fredrick, L., Bable, B., Russell, H. A., & Schafer N. (2004, April). *Behavior*

analytic approaches to enhancing engagement and measuring learning.
Poster presented at the 2004 Annual Meeting of the American Educational
Research Association, San Diego, CA.

- Hess, M. D., & Russell, H. A., III. (1988, July-August). Chemical Warfare.
Infantry Magazine, 38-40.
- Hickey, D.T., Kruger, A.C., Fredrick, L.D., Schafer, N.J., Russell, H.A., Bable,
B., Hand, B., Michael, M., & Zuiker, S. (2003, April). *Looking at
assessment and motivation and multiple perspectives: The GenScope
assessment design experiment.* Paper presented at the 2003 meeting of the
American Educational Research Association, Chicago, IL.
- Kruger, A. C., Schafer, N., Russell, H. A., (2004, April). *A comparison of four
different ways of coding engagement in videos of classroom activity.*
Poster presented at the 2004 Annual Meeting of the American Educational
Research Association, San Diego, CA.
- Ogden, P., Thompson, D., Russell, H. A., & Simons, C. (2003). The short- and
long- term impact of supplemental instruction. *Journal of Developmental
Education*, 26(3), 2-9.
- Russell, H. A. (1998). *A Consideration of Multimedia Instruction.* Atlanta, GA:
Georgia State University. Available from
<http://education.gsu.edu/spehar/FOCUS/EdPsy/misc/Consider1.htm>.
- Russell, H. A., Beggs, R. J., May, G. L., & Oshima, T. C. (1997). *SPSS For
Windows, Versions 7.5 and 8.0; A Survival Guide for EPRS 853 and 854,
Edition 3.* Available from
<http://education.gsu.edu/spehar/FOCUS/Spss.htm>.
- Russell, H. A., Kruger, A. C., Schafer, N. (2004, April). *Analysis of transactional
discourse in learning.* Poster presented at the 2004 Annual Meeting of the
American Educational Research Association, San Diego, CA.
- Russell, H. A., & Thompson, D. N. (1998). Enhancing reading comprehension in
older adults. *Journal of College and Adult Reading and Learning*, 4(2),
29-34.
- Schafer, N. J., Hickey, D. T., Zuiker, S., Kruger, A. C., & Russell, H. A. (2003,
April). Using formative video feedback to facilitate classroom assessment
conversation. Paper presented at the 2003 meeting of the American
Educational Research Association, Chicago, IL.

Schafer, N., Kruger, A. C., Russell, H. A. (2004, April). *Coaching video feedback for enhancing classroom assessment conversation and learning*. Poster presented at the 2004 Annual Meeting of the American Educational Research Association, San Diego, CA.

Professional Conference Presentations

Russell, H. A. (2005). *Transactive discourse in the science classroom*. Presentation made during the 2005 Annual Meeting of the Georgia Educational Research Association, Savannah, GA.

Russell, H. A., Kruger, A. C., Schafer, N. (2004). *Analysis of transactional discourse in learning*. Poster presented during the 2004 Annual Meeting of the American Educational Research Association, San Diego, CA.

Russell, H. A. (1998). *Enhancing reading comprehension in older adults*. Paper presented at the 1998 meeting of the Georgia Educational Research Association, Clayton State College, Morrow, GA.

Professional Experience

My professional experience has been focused in two main directions. My current activity has been centered on the experience of classroom instruction and student mentoring. A second focus has been on the use of computers and the Internet for instructional purposes.

Graduate Teaching Assistant (with full responsibility for the course). An undergraduate class focusing on issues in human growth and development from birth through adolescence - EPY2050 – Human Growth and Development.
Spring 2001 – Present (8 sections)

Graduate Teaching Assistant (with full responsibility for the course). A graduate class focusing on theories of learning and their application to the learner - EPY7080 – Psychology of Learning and the Learner.
Fall 2003 – Present (7 sections)

Graduate Teaching Assistant (with full responsibility for the course). A graduate seminar in educational psychology – EPY8960 – Psychology of Learning.
Summer 2004

Graduate Teaching Assistant (with full responsibility for the course). A graduate class focusing on developmental psychology – EPY8200 – Advanced Developmental Psychology.
Spring 2001.

Graduate Teaching Assistant (with full responsibility for the course). A graduate class focusing on epistemological and motivational considerations of instruction – EPY8050 – Psychology of Instruction.

Fall 2000.

Instructor for introductory seminar in human growth and development taught as staff development course selected teachers in Cobb County, GA.

Spring 2004

EPY Discussion List. (2001-Present). Created and maintain faculty – student discussion list for the Educational Psychology Program, Department of Educational Psychology and Special Education, Georgia State University, Atlanta, GA.

Department of Educational Psychology and Special Education webpage. (1999-2003). Created and maintained the department's presence on the Internet (Currently archived at <http://education.gsu.edu/epse/oldepse/>) with a focus on meeting the needs of users with slower, dial-up modem connections.

Presentations and Invited Lectures

My workshop presentations and lectures have been focused on sharing insights I have gained in exploring educational applications of computer hardware, software, and their cognitive effects inside the classroom and in the community. Target audiences have included faculty members, undergraduate and graduate students.

Siegler's Piaget (2005, September 1). Guest lecture presented for the students of Andrea Cummings, Georgia State University, Atlanta, GA.

Siegler's Piaget (2005, August 30). Guest lecture presented for the students of Andrea Cummings, Georgia State University, Atlanta, GA.

Using End Notes Software. (2004, November). Lecture presented for the students of Edward C. Lucy, Georgia State University, Atlanta, GA.

Using End Notes Software. (2004, June). Lecture presented for the Summer 2004 meeting of the Georgia State University College of Education Doctoral Fellows, Atlanta, GA.

Using End Notes Software. (2003, September). Lecture presented for the students of Fran Mullins, Georgia State University, Atlanta, GA.

Using End Notes Software. (2003, April). Lecture presented for the Spring 2003 meeting of the Georgia State University College of Education Doctoral Fellows, Atlanta, GA.

Using End Notes Software. (2002, September) Guest lecture presented, for the classes of Dr. Mullins, Department of Counseling and Psychological Services, Georgia State University, Atlanta, GA.

Palm Pilot: Organizing Your Life. (2002, February). Lecture presented at the Georgia State University Instructional Technology Center, Atlanta, GA.

Palm Pilot: Beyond the Organizer. (2001, October). Lecture presented at the Georgia State University Emerging Technologies Brown Bag Seminar, Atlanta, GA.

Using Palm Pilots for IEPs and Organizing Your Life. (2001, August). Lecture presented at the Georgia State University Instructional Technology Center Faculty Open House, Georgia State University, Atlanta, GA.

Using End Notes to Track Your Research. (2001, June). Lecture presented at the First Annual College of Education Doctoral Fellows Conference, Georgia State University, Atlanta, GA.

Using End Notes Software. (2000, Fall). Lecture presented at the Fall 2000 meeting of the Georgia State University College of Education Doctoral Fellows, Atlanta, GA.

KLTI: A Value-Added Educational Application of the WWW. (2000, April). Lecture presented with Professor Dan Hickey at Georgia State University's Second Annual Teaching and Learning Technology EXPO, Georgia State University, Atlanta, GA.

Using SPSS. (1999, September). Guest lecture presented for the classes of Dr. Benjamin Layne, Georgia State University, Atlanta, GA.

Reviewer. (1999, Spring). 1999 Student Convention in Gerontology and Geriatrics Monograph.

Guiding Student Inquiry on the Internet. (1999, April). Lecture presented with Professor Dan Hickey, and Cameron Seay at the Georgia State Teaching and Learning with Technology EXPO, Georgia State University, Atlanta, GA.

Guiding Student Inquiry on the Internet. (1998, December). Lecture presented at the Technology for Teachers Fall Conference, Georgia State University, Atlanta, GA.

Using SPSS. (1998, October). Guest lecture presented for Dr. Chris Oshima's Statistics II classes, *EPRS 853*, Georgia State University, Atlanta, GA.

Honors

2003 Outstanding Student in Educational Psychology. Department of Educational Psychology, Georgia State University, Atlanta, GA.

Other Professional Activities

Member, College of Education Academic Affairs Committee, 2004-2005, Georgia State University, Atlanta, GA.

Member, Georgia State University Student Technology Fee Allocation Committee, 2002-2003, Georgia State University, Atlanta, GA.

Reviewer, 1999 Student Convention in Gerontology and Geriatrics Monograph, Georgia State University, Atlanta, GA.

Professional Affiliations

American Educational Research Association (Division C, Learning and Instruction).

Georgia Educational Research Association.

Technical Skills

General skills in computing. Specific skills and interests in:

- Computing platforms: Macintosh OSX and earlier; Windows NT/2000/XP; limited experience with UNIX.
- Statistical software: SPSS for Windows and Macintosh, limited experience with item response theory.
- General text formatting and office computing: Microsoft Office on Windows and Macintosh, Adobe Illustrator, Adobe Photoshop, iMovie, Final Cut Express, File Maker (Windows and Macintosh), FrontPage, and Dreamweaver. Other software as needed.
- Personal Information Management Software: Tinderbox, DevonThink, and NoteTaker.

Moderated Microsoft Network (MSN) Astronomy Forum (online), 1999-2000.

Non-Work Special Interests

Amateur astronomer specializing in visual identification of extra-galactic globular clusters. Invited lecturer on methods of non-automated observing at regional star-parties and observing events, and held leadership positions in the Atlanta Astronomy Club. Other special interests include investigating Personal Information Management systems, cycling an average of 3000 miles a year, travel and nature photography.

References

Professor Dennis N. Thompson
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