

CURRICULUM VITAE

JEFFREY C. SCHATZ

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EDUCATION

<u>College/University</u>	<u>Major</u>	<u>Dates</u>	<u>Degree</u>
University of California at San Francisco	Clinical Neuropsychology	1996-98	postdoctoral fellow
Washington University	Clinical Psychology	1994-97	Ph.D.
Washington University	Clinical Psychology	1991-93	M.A.
University of Iowa	Psychology	1985-89	B.S.

EMPLOYMENT HISTORY

<u>Dates</u>	<u>Firm/Institution</u>	<u>Rank/Position</u>
1998 – 2004	University of South Carolina	Assistant Professor
2004 – present	University of South Carolina	Associate Professor

HONORS AND AWARDS

2005	Roland E. Haynes Award- The Black Psychology Graduate Student Association, University of South Carolina. (awarded for outstanding commitment to promoting diversity and awareness through mentorship, community involvement, and research)
2004	Outstanding Faculty Member- University of South Carolina Psi Chi Chapter
2003	Faculty Award for Excellence in Teaching- Psychology Graduate Student Association, University of South Carolina
2003	Faculty Award for Excellence in Mentoring- Psychology Graduate Student Association, University of South Carolina
2001	Faculty Award for Excellence in Teaching and Mentoring- Psychology Graduate Student Association, University of South Carolina
2001	Chair's Award for Contribution to the Department – Department of Psychology, University of South Carolina
2001	Research and Productive Scholars Award – University of South Carolina

- 1999 **Best Student Advisor, Lower Division** – Undergraduate students of the Department of Psychology, University of South Carolina
- 1999 **College of Liberal Arts Scholarship Support Award**- University of South Carolina
- 1996 - 1998 **Postdoctoral Fellowship**- Clinical Psychology Training Program, University of California at San Francisco
- 1994 **Passed with Honors**- Comprehensive Oral Exam in Clinical Psychology, Department of Psychology, Washington University, St. Louis, MO
- 1991 - 1996 **Full Tuition Remission Awards**- School of Arts and Sciences, Washington University, St. Louis, MO

RESEARCH

RESEARCH INTERESTS

- Neurocognitive development in sickle cell disease
- Attention and attention development in children
- Applying cognitive neuroscience methods to understand pediatric brain disorders
- Functional impact of pediatric brain disorders on school adjustment

PEER-REVIEWED PUBLICATIONS

1. Puffer, E., **Schatz, J.**, & Roberts, C.W. (in press). The association of oral hydroxyurea therapy with improved cognitive functioning in children with sickle cell disease. *Child Neuropsychology*.
2. **Schatz, J.** & McClellan, C.B. (2006). Sickle cell disease as a neurodevelopmental disorder. *Mental Retardation and Developmental Disabilities Research Reviews, 12*, 200-207.
3. **Schatz J.** & Buzan, R.F. (2006). Decreased corpus callosum size in sickle cell disease: Relationship with cerebral infarcts and cognitive functioning. *Journal of the International Neuropsychological Society, 12*, 17-23.
4. **Schatz J.** & Roberts, C.W. (2005). Short-term memory in children with sickle cell disease: Executive versus modality specific processing deficits. *Archives of Clinical Neuropsychology, 20*, 1073-1085.
5. **Schatz J.**, Finke, R.L., & Roberts, C.W. (2004). Interactions among biomedical and environmental factors in cognitive development: A preliminary study of sickle cell disease. *Journal of Developmental and Behavioral Pediatrics, 25*, 303-310.
6. **Schatz J.**, (2004). Brief report: Academic attainment in children with sickle cell disease. *Journal of Pediatric Psychology, 29*, 627-633.
7. **Schatz, J.**, Craft, S., Koby, M., DeBaun, M.R. (2004). Asymmetries in visual-spatial processing following childhood stroke. *Neuropsychology, 18*, 340-52.
8. **Schatz, J.**, Kramer, J., Matthay, K., & Ablin, A. (2004). Visual attention in long-term survivors of leukemia treated with cranial radiation. *Journal of the International Neuropsychological Society, 10*, 211-220.

9. **Schatz, J.**, & Erlandson, F.B. (2003). Level-repetition effects in hierarchical stimulus processing: Timing and location of cortical activity. *International Journal of Psychophysiology*, *47*, 255-269.
10. **Schatz, J.**, White, D.A., Moinuddin, A., Armstrong, M., & DeBaun, M.R. (2002). Lesion burden and cognitive morbidity in children with sickle cell disease. *Journal of Child Neurology*, *17*, 891-895.
11. **Schatz, J.**, Finke, R.L., Kellet, J. M., & Kramer, J.H. (2002). Cognitive functioning in children with sickle cell disease: A meta-analysis. *Journal of Pediatric Psychology*, *27*, 739-748.
12. **Schatz, J.**, Brown, R.T., Pascual, J.M., Hsu, L., & DeBaun, M.R. (2001). Poor school and cognitive functioning with silent cerebral infarction and sickle cell disease. *Neurology*, *56*, 1109-1111.
13. **Schatz, J.**, Craft, S., White, D., Park, T.S., & Figiel, G. (2001). Inhibition of return in children with perinatal brain injury. *Journal of the International Neuropsychological Society*, *7*, 275-284.
14. **Schatz, J.**, Kramer, J., Ablin, A., & Matthay, K.K. (2000). Processing speed, working memory, and IQ: A developmental model of cognitive deficits following cranial radiation therapy. *Neuropsychology*, *14*, 189-200.
15. **Schatz, J.**, Craft, S., Koby, M., & DeBaun, M. (2000). A lesion analysis of visual orienting performance in children with cerebral vascular injury. *Developmental Neuropsychology*, *17*, 49-61.
16. White, D.A., Saloria, C.F., **Schatz, J.**, & DeBaun, M.R. (2000). Preliminary study of working memory in children with stroke related to sickle cell disease. *Journal of Clinical and Experimental Neuropsychology*, *22*, 257-264.
17. **Schatz, J.**, Craft, S., Koby, M., Siegel, M.J., Resar, L., Lee, R., Chu, J.Y., Launius, G., Dadash-Zadeh, M. & DeBaun, M.R. (1999). Neuropsychologic deficits in children with sickle cell disease and cerebral infarction: The role of lesion location and volume. *Child Neuropsychology*, *5*, 92-103.
18. **Schatz, J.**, Hale, S., & Myerson, J. (1998). Cerebellar contribution to linguistic processing efficiency revealed through focal damage. *Journal of the International Neuropsychological Society*, *4*, 491-501.
19. **Schatz, J.** (1998). Cognitive processing efficiency in schizophrenia: Generalized versus domain specific deficits. *Schizophrenia Research*, *30*, 41-49.
20. DeBaun, M., **Schatz, J.**, Koby, M., Craft, S., Resar, L., Chu, J.Y., Launius, G., Dadash-Zadeh, M., Lee, R.B. & Noetzel, M. (1998). Cognitive screening examinations for silent cerebral infarcts in sickle cell disease. *Neurology*, *50*, 1678-1682.
21. **Schatz, J.**, Craft, C., Koby, M., & Park, T.S. (1997). Associative learning in children with perinatal brain injury. *Journal of the International Neuropsychological Society*, *6*, 521-527.
22. Buckner, R.L., Petersen, S.E., Corbetta, M., **Schatz, J.**, & Raichle, M.E. (1996). Preserved speech abilities and compensation following prefrontal damage. *Proceedings of the National Academy of Science*, *93*, 1249-1253.
23. **Schatz, J.**, & Hamdan-Allen, G. (1995). The effects of age and IQ on adaptive behavior domains for children with autism. *Journal of Autism and Developmental Disorders*, *25*, 51-59.

24. Craft, S., Park, T.S., White, D.A., **Schatz, J.**, Noetzel, M., & Arnold, S. (1995). Changes in cognitive performance in children with spastic diplegic cerebral palsy following selective dorsal rhizotomy. *Pediatric Neurosurgery*, 23, 68-74.
25. White, D.A., Craft, S., Hale, S., **Schatz, J.**, & Park, T.S. (1995). Working memory following improvements in articulation rate in children with cerebral palsy. *Journal of the International Neuropsychological Society*, 1, 49-55.
26. Craft, S., **Schatz, J.**, Glauser, T., Lee, B., & DeBaun, M. (1994). The effects of bifrontal stroke during childhood on visual attention: Evidence from children with sickle cell anemia. *Developmental Neuropsychology*, 10, 285-297.
27. Craft, S., **Schatz, J.**, Glauser, T., Lee, B., & DeBaun, M. (1993). Neuropsychologic effects of stroke in children with Sickle Cell Anemia. *Journal of Pediatrics*, 123, 712-717.

NON-PEER-REVIEWED PUBLICATIONS

1. **Schatz, J.**, & Puffer, E. (2006). Neuropsychological aspects of sickle cell disease. In R.T. Brown (Ed), *Comprehensive Handbook of Childhood Cancer and Sickle Cell Disease*. (pp. 449-470). New York, NY: Oxford University Press.
2. Carroll, B.A., Robinson, J.S., **Schatz, J.**, McRedmond, K. (2002). Moving from a model to a program: Applying developmental counseling for vocational success. *HEMaware*, 7(1), 20-24.

MANUSCRIPTS UNDER REVIEW

- Schatz, J.**, McClellan, C.B., Puffer, E., Johnson, K., & Roberts, C.W. (manuscript submitted for publication). Denver Developmental Screening Test-II in toddlers and early preschoolers. *Journal of Developmental and Behavioral Pediatrics*.
- Wilson, S., **Schatz, J.**, & Robinson, J. (manuscript submitted for publication). School-based consultation and health-related quality of life for chronic health conditions: Interactions with school contextual factors. *Journal of Educational and Psychological Consultation*.

CURRENT GRANT ACTIVITY

Pfizer Fellowship in Health Disparities Schatz (Co-PI/faculty sponsor) 7/1/06 – 6/30/08

Pfizer, Inc.

“Home-based pain management protocol for children with sickle cell disease.”

This project supports the training and professional development of a postdoctoral fellow (Catherine McClellan, Ph.D.) and a preliminary study of a pain management protocol designed to integrate pharmacological and psychosocial pain management techniques. The protocol uses portable electronic devices to promote the attractiveness of and adherence to a biopsychosocial pain management protocol for children with sickle cell disease.

Role: Co-principal Investigator and Faculty sponsor

Total costs: \$130,000

Intramural Award Schatz (PI) 11/1/05 – 10/31/06

USC Office of Research and Health Sciences

“Development of a home-based pain management protocol for children with sickle cell disease.”

This pilot study assesses the feasibility of a pain management protocol designed to integrate pharmacological and psychosocial pain management techniques. The protocol uses portable electronic devices to promote the attractiveness of and adherence to a biopsychosocial pain management protocol for children with sickle cell disease.

Role: PI

Total costs: \$15,738

COMPLETED GRANTS (completed in past 3 years)

#12-FY02-109 Schatz (PI) 6/01/02 - 5/31/06

March of Dimes Birth Defects Foundation

“Anemia, brain functioning, and cognitive development in children with sickle cell disease.”

This study examines event-related brain potentials (ERP) in children with sickle cell disease to determine if ERP abnormalities are related to anemia history and attention deficits.

Role: PI

Total costs: \$139,972

Award to Palmetto Health Alliance Robinson (PI) 1/01/01 - 6/30/06

Duke Endowment- Health Care Division

“The Palmetto-Richland Advocacy Program.”

This project developed psychosocial programs for children with hemophilia, brain tumor, or sickle cell disease with stroke and evaluates the impact of the psychosocial interventions on health related quality of life.

Role: Consultant (1/01/01-12/31/01); Co-Investigator (1/01/02-6/30/06)

Total costs: \$542,651 (USC subcontracts \$110,421)

PENDING GRANTS**R01** Sweitzer (PI) 7/1/07 – 6/30/12

National Institutes of Health

“Pain in sickle cell disease: Developmental studies in rodents and humans”

This project evaluates the impact of vaso-occlusive pain early in life on the developing pain system and assesses the feasibility of translating findings from a rat model of vaso-occlusive pain to the pediatric sickle cell disease population.

Role: Co-PI

Total costs: \$1,775,000 (\$323,040 directs costs to Psychology)

TEACHING

UNDERGRADUATE COURSES TAUGHT

- Survey of Abnormal Psychology
- Survey of Physiological Psychology
- Brain Development and Child Behavior
- Laboratory in Developmental Psychology

GRADUATE COURSES TAUGHT

- Clinical Assessment I
- Clinical Assessment II
- Proseminar in Experimental Psychology I
- Psychological Interventions with Children and Families
- Neuropsychology of Learning Disabilities

TEACHING LOAD

Academic Year	Regular courses (#)	Credit hrs.	Research supervision (# students)
1998-99	3	9	1
1999-00	4	12	6
2000-01	3	9	8
2001-02	2	9	11
2002-03	4	13	13
2003-04	4	14	8
2004-05	3	11	9
2005-06	2	7	7

CLINICAL WORK

CREDENTIALS

1999- present Clinical Psychologist, South Carolina license #736

CURRENT ACTIVITIES

1999- present Pediatric Neuropsychology Service, Psychological Service Center, University of South Carolina
 Activities: Provide neuropsychological assessments for pediatric populations through service delivery and supervision of graduate trainees.

1999-present Hematology/Oncology service, Department of Pediatrics, University of South Carolina School of Medicine and Children's Hospital of Palmetto Richland
 Activities: Provide neuropsychological assessment and psychological consultation for children with sickle cell disease or cancer.

CLINICAL TRAINING

- 1996-98 Postdoctoral Fellowship in Clinical Neuropsychology, Department of Psychiatry, University of California, San Francisco Medical Center
- 1995-96 Clinical Psychology Internship, Veterans Affairs Palo Alto Health Care System, Palo Alto, CA (50% time General Clinical Psychology; 50% time Clinical Neuropsychology; APA approved Clinical Psychology internship)
- 1991-95 Clinical Psychology Training Program, Washington University, St. Louis, MO (Clinical Neuropsychology track; APA approved clinical training program)

SERVICE

UNIVERSITY AND DEPARTMENTAL SERVICE

<u>Dates</u>	<u>Service</u>
2004-present	Program Director , Doctoral Program in Clinical-Community Psychology, University of South Carolina
1999-present	Admissions Coordinator , Clinical and Community Doctoral Program, Department of Psychology, University of South Carolina
2005-2006	Cognitive Neuroscience Search Committee (ad hoc) , Department of Psychology
2004-2005	Department Chair Search Committee (ad hoc) , Department of Psychology
2004-2005	Executive Committee (at-large member) , Research Consortium on Children and Families
2003-2004	Chair, Strategic Planning Committee (ad hoc) , Department of Psychology
2003-2004	Child and Family Search Committee (ad hoc) , Department of Psychology
2000-2003	Awards Committee , Department of Psychology, University of South Carolina
2002-2003	Department Workload Policy Committee (ad hoc) , Department of Psychology
2002-2003	Cognitive Neuroscience Search Committee (ad hoc) , Department of Psychology
2001-2004	Curriculum Committee , Experimental Psychology Program, University of South Carolina
2001-2002	Executive Committee (at-large member) , Department of Psychology, University of South Carolina
2001-2002	School Psychology Search Committee (ad hoc) , Department of Psychology
2000-2001	Neuroscience Search Committee (ad hoc) Department of Psychology
1999- 2002	Faculty Senate Representative , Department of Psychology, University of South Carolina
1999- 2000	Executive Committee (at-large member) , Department of Psychology, University of South Carolina
1999- 2000	Planning Committee (ad hoc) , Experimental Psychology Program, Department of Psychology, University of South Carolina

SERVICE FOR NATIONAL/INTERNATIONAL ORGANIZATIONS

2003- present
2005

Editorial board, *Journal of Pediatric Psychology*
**Program Committee, 34th Annual Meeting of the International
Neuropsychological Society**

Date:10/23/06