

**Curriculum Vitae**  
Claire Diane Advokat

updated May, 2007

**Date of Birth** January 13, 1948

**Place of Birth** Sydney, Australia (American Citizen born abroad)

**Marital Status** Married (Joseph Comaty, Ph.D., M.P.)

**Home Address** 6111 Stratford Avenue  
Baton Rouge, LA 70808

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Louisiana State University  
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**Educational Background**

1965-1969 B.A., Psychology  
New York University, Bronx, New York

1970-1972 M.S., Physiological Psychology  
Rutgers University, New Brunswick, New Jersey

1972-1975 Ph.D., Psychobiology  
Rutgers University, New Brunswick, New Jersey

1975-1978 NIH Postdoctoral Fellowship  
Division of Neurobiology and Behavior  
College of Physicians and Surgeons of Columbia University, N. Y. New York

**Professional Experience**

Nov. 2000 – Adjunct Faculty, Postdoctoral Master’s Degree Program in Clinical Psychopharmacology. California School of Professional Psychology/Alliant University, 1005 Atlantic Ave., Alameda, CA 94501.

Sept. 1995 - Professor, Department of Psychology, LSU, Baton Rouge, LA

Sept. 1989 - Aug. 1995  
Associate Professor of Psychology, Department of Psychology, LSU, Baton Rouge, Louisiana.

Sept. 1982 - Aug. 1989

Assistant Professor, Department of Pharmacology, University of Illinois at Chicago, Health Sciences Center.

Jan. 1979 - 1982

Instructor, Department of Pharmacology, University of Illinois at the Medical Center, Chicago, Illinois.

1975 - 1978

Postdoctoral Fellow in the Division of Neurobiology and Behavior, College of Physicians and Surgeons of Columbia University, New York, New York under the direction of Dr. Eric Kandel.

1970 - 1975

Graduate student, Teaching Assistant and Research Intern in the Psychobiology graduate program of the College of Medicine and Dentistry of New Jersey-Rutgers Medical School.

1967 - 1969

Research Assistant and Teaching Assistant, New York University.

### **Academic Service**

University of Illinois, College of Medicine

Seminar Coordinator for the Pharmacology Department

Medical School Applicant Interviewer

Member of the Graduate College Faculty

Member of the Preclinical Curriculum Subcommittee

Member of the Curriculum Committee

Member of the Independent Study Program Committee

Louisiana State University

Member of the Graduate Faculty

Resource Director, Dept. of Psychology, Sept. 1990-Sept. 1995

Member of Institutional Animal Care and Use Committee 1992-2000; reappointed 2001-2002

Member of Biomedical Research Support Committee

Member of Research Advisory Group, Office of Research and Economic Development

Member of peer-review team for the 1994, 1995, 1997, 1998, 1999 Council on Research Summer Stipend proposals

Member of the Faculty Senate Grievance Committee, 1998-2001; 2003-2004

Faculty Senate, Psychology Department Representative 2001-2004

Faculty Senate Officer, Member-at-Large, 2002-2003

LSU Representative to the Conference of Louisiana Colleges and Universities

Vice President of the LSU Faculty Senate, 2003-2004

LSU Representative to the Conference of Louisiana Colleges and Universities

Member of the Chancellor's Undergraduate Education Study Group, Fall 2003-Spring 2004  
 President of the LSU Faculty Senate, 2004-2005  
 Chair – Administrative Service Committee, LSU, 2004-2005  
 Member of the Chancellor's Search Committee, 2004-2005  
 Vice-President of the LSU Chapter of Phi Beta Kappa, 2004-2005, 2006-2007  
 Delegate to the 41<sup>st</sup> Triennial Phi Beta Kappa Conference, October 26-29<sup>th</sup> 2006, Atlanta, Georgia  
 President of the LSU Chapter of Phi Beta Kappa, 2005-2006  
 Member of the College of Arts and Sciences Promotion and Tenure Committee, 2005, 2006  
 Member of the Ombuds Search Committee, Summer – Fall, 2005  
 Agreed to Chair search committee for position to be shared with Women's and Gender Studies  
 Presented 3 hour CME Lecture on *Conflict of Interest in Psychopharmacology* – June 2006  
 Immediate Past-President of the Faculty Senate, 2005-2007  
 Member of the LSU Social Science Research Development Group  
 Served on the College of Arts and Sciences Promotion and Tenure Committee, Fall 2006  
 University representative on the Louisiana Higher Education Coalition to Reduce Alcohol, Tobacco, and Other Drugs (LaHEC) Advisory Board  
 Dean's representative for Mianfang Ruan Dissertation Committee  
 Committee Member for Mr. Ross Daray's Oral Examination for the Natural Science Masters Thesis – summer of 2006  
 Accepted request to lead a discussion in Ethics for Kirby Smith Residence Hall Feb 2006  
 Vice-President of Phi Beta Kappa, 2006-2007  
 Faculty Representative on the new, LSU Union Board, January – May, 2007  
 Treasurer of Phi Beta Kappa, 2007-2008  
 Member of Faculty Senate Grievance Committee 2007-2008

### **Thesis and Dissertation Advisor**

Corinne Tyler - Fall, 1982 - Summer, 1985 (Ph.D.)  
 Judith Siuciak - Fall, 1985 - Winter, 1988 (Ph.D.)  
 Amar Ghorpade - Fall, 1991 - Summer, 1993 (M.S.)  
 Lisa Bertman - Fall, 1993 - Summer, 1994 (M.S.)  
 Edward Wolf III - Fall, 1993 - Summer, 1994 (M.S.)  
 Heather Mosser - Fall, 1995-Fall, 1998 (Ph.D.)  
 Marcus Duke - Fall, 1996-Winter 2000  
 Laurie Pennington - Fall, 2002  
 Leslie Martino - Fall, 2003-Spring 2006  
 Member of Devan Guidry's Thesis Committee  
 Member of Megan Apperson's Thesis Committee  
 Member of Ben Hill's Qualifying Exam Committee  
 Member of Amanda Manning's Thesis Committee  
 Member of Devan Guidry's Thesis Committee

Member of Jeffrey Schneider's Ph. D. Dissertation Committee  
 Dissertation Committee Member for additional M.S. and Ph.D. candidates.

### **Professional Societies**

Society for Neuroscience  
 American Psychological Society  
 American Society for Pharmacology and Experimental Therapeutics  
 International Behavioral Neuroscience Society-Charter member; Education and Training  
 Committee (Chairman-1998-99)  
 Secretary-Treasurer of the Baton Rouge Association of Psychologists (BRASP), 1994-96  
 President, Baton Rouge Association of Psychologists (BRASP), 2003-2004  
 Behavioral Pharmacology Society  
 National Association for Research in Schizophrenia and Affective Disorders

### **Awards and Honors**

Phi Beta Kappa, 1969  
 Graduated Cum Laude, highest honors in psychology, NYU, 1969  
 Founders Day Award, New York University, 1969  
 NIH Postdoctoral Fellowship, 1975-1978  
 LSU Foundation Grant for Special University Projects - \$2,000, 1990.  
 Elected Fellow of the International Behavioral Neuroscience Society – 1995  
 Recipient of Tiger Athletic Award for Teaching, Spring, 2005

### **Grants/Contracts (Funded Only)**

Intramural Award: Behavioral Tolerance to Intrathecal Morphine. \$5,000 - Jan.-Dec.  
 1982.

PHS - Tolerance to Analgesia Induced by Intrathecal Morphine. Oct. 1982 - Sept. 1983;  
 Total costs \$15,800.

PHS - Mechanisms of Conditioned Tolerance to Morphine. April 1, 1984 - March 31,  
 1987; Total costs \$177,911.

PHS - Mechanisms of Conditioned Tolerance to Morphine. Sept. 1, 1989 - Aug. 31,  
 1992; Total costs \$269,287.

PHS - Mechanisms of Conditioned Tolerance to Morphine. Sept. 1, 1992 - July 31, 1997;  
 Total costs \$545,674.

NPS Pharmaceuticals, Inc. Effects of a proprietary NPS compound in a chronic rat model  
 of spasticity, induced by transection of the spinal cord. Equipment contract valued at  
 \$34,750. 12/96 - 5/97

NPS Pharmaceuticals, Inc. Effects of a proprietary NPS compound in a chronic rat model of spasticity, induced by transection of the spinal cord. Total costs \$8, 366., 08/01/97 - 11/30/97

NPS Pharmaceuticals, Inc. Assessment of muscle relaxant action of a proprietary compound in the anesthetized rat. Total costs \$6, 543, 01/01/98 - 09/30/98

Economic Development Assistantship – State of Louisiana. Pharmacoeconomics Proposal \$28,000/year stipend, September, 2003 – May, 2007.

Presentation for the Crumpler Endowed Chair in Psychology - \$400,000 in matching funds awarded by the LA Board of Regents, March, 2004

## Publications

### Book Chapters

Hawkins, R. and **C. Advokat**. Effects of behavioral state on the gill-withdrawal reflex in *Aplysia californica*. In: *Society for Neuroscience Symposium*, Vol. 3, J.A. Ferrendelli (Ed.), Bethesda: Society for Neuroscience, 1978, pp. 16-32.

Ehrenpreis, S., R.C. Balagot, S. Myles, **C. Advokat** and J.E. Comaty. Further studies on the analgesic activity of D-phenylalanine (DPA) in mice and humans. In: *Endogenous and Exogenous Opiate Agonists and Antagonists*, E.L. Way (Ed.), New York: Pergamon Press, 1980, pp.379-382.

**C. Advokat**. The Spinal Rat: A Model System for Studying the Behavioral Pharmacology of Spinal Nociceptive Reflexes. In: *Pain Mechanisms and Management*, S.N. Ayrapetyan and A. V. Apkarian (Eds.) IOS Press, 1998, pp. 59 - 70.

### (Invited Contribution)

**Advokat, C.** Opioids and reflexes. *Pharmacology of Pain II: Opiates*. F. Porreca. (section ed.) *Encyclopedic Reference of Pain* (R.F. Schmidt and W.D. Willis, Ed.), Springer-Verlag, pp1586-1589, 2006.

**C. Advokat** and J. Comaty, “Antidepressants,” “Mood Stabilizers,” “Antipsychotics,” in R. Julian, *A Primer of Drug Action*, 11<sup>th</sup> ed. 2008.

### Journal Articles

Schneider, A.M., A. Malter and **C. Advokat**. Pretreatment effects of a single ECS and foot-shock plus ECS on step-down latencies of trained and untrained rats. *J. Comp. Physiol. Psychol.*, 68:627- 630, 1969.

Carlton, P. and **C. Advokat**. Attenuated habituation due to parachlorophenylalanine. *Pharmacol. Biochem. and Behav.* 1:657-663, 1973.

**Advokat, C.** and P. Carlton. Reflex modulation due to supplementary stimulation. *Behavioral Biology*, 22:375-387, 1978.

- Advokat, C.** Gill withdrawal in *Aplysia* following section of the pleuroabdominal connectives. *Physiol. and Behav.*, 24:1011-1014, 1980.
- Advokat, C.** Modulation of defensive reflexes in *Aplysia californica* by appetitive stimulation. *Behav. and Neural Biology*, 28:253-265, 1980.
- Advokat, C.** Evidence for conditioned tolerance of the tail flick reflex. *Behav. and Neural Biology*, 29:385-389, 1980.
- Advokat, C.** Analgesic tolerance produced by morphine pellets is facilitated by analgesic testing. *Pharmacol. Biochem. and Behav.*, 14:133-137, 1981.
- Advokat, C.** Environmental modulation of analgesic tolerance induced by morphine pellets. *Pharmacol. Biochem. and Behav.*, 14:139-142, 1981.
- Advokat, C.** Naltrexone and the tail flick reflex. *Pharmacol. Biochem. and Behav.*, 15:67-680, 1981.
- Advokat, C.** Effect of environmental novelty and electro-convulsive shock (ECS) on the tail flick reflex following morphine or placebo pellet implants. *Psychopharmacology*, 80:351-354, 1983.
- Advokat, C.** and L. Isaac. Nociceptive assessment modifies behavioral tolerance without altering brain morphine concentration. *European Journal of Pharmacology*, 92:135-138, 1983.
- Issac, L. and **C. Advokat.** Reversible motor paralysis in rats following electroconvulsive shock. *Experimental Neurology*, 85:87-96, 1984.
- Advokat, C.** Evidence of place conditioning after chronic intrathecal morphine in rats. *Pharmacol. Biochem. and Behav.*, 22:271-277, 1985.
- Isaac, L., **C. Advokat**, D.K. Nelson and R.A. Browning. Motor paralysis in rats after repeated electroconvulsive shock: Comparison between aural and corneal stimulation. *Life Sci.*, 37:1257-1264, 1985.
- Schlemmer, R.F., Jr., C. Nawara, W.J. Heinze, J.M. Davis and **C.D. Advokat.** Influence of environmental context on tolerance to LSD-induced behavior. *Biological Psychiatry*, 21:314-317, 1986.
- Scroggs, R.,M. Abruzzo and **C. Advokat.** Effects of ethanol on gastrointestinal transit in mice. *Alcoholism: Clinical and Experimental Research*, 10:452-456, 1986.
- Tyler, C.B. and **C. Advokat.** Investigation of "cross-tolerance" between systemic and intrathecal morphine in rats. *Physiol. and Behav.*, 37:27-32, 1986.
- Advokat, C.,** P. Burton and C.B. Tyler. Investigation of tolerance to chronic intrathecal morphine infusion in the rat. *Physiol. and Behav.*, 39:161-168, 1987.

- Siuciak, J.A. and **C. Advokat**. Tolerance to morphine microinjections in the periaqueductal gray (PAG) induces tolerance to systemic, but not intrathecal morphine. *Brain Research*, 424:311-319, 1987.
- Advokat, C.** and P. Burton. Antinociceptive effect of systemic and intrathecal morphine in spinally transected rats. *European Journal of Pharmacology*, 139:335-343, 1987.
- Advokat, C.** The role of descending inhibition in morphine-induced analgesia. *Trends in Pharmacological Sciences*, 9:330-334, 1988.
- Siuciak, M. and **C. Advokat**. The synergistic effect of concurrent spinal and supraspinal opiate agonisms is reduced by both, nociceptive and opiate pretreatment. *Pharmacol. Biochem. and Behav.*, 34:265-273, 1989.
- Advokat, C.** Tolerance to the antinociceptive effect of systemic morphine in spinally transected rats. *Behavioral Neuroscience*, 103:1091-1098, 1989.
- Siuciak, J. and **C. Advokat**. Antinociceptive effect of intrathecal morphine injections in tolerant and non-tolerant spinal rats. *Pharmacol. Biochem. and Behav.*, 34:445-452, 1989.
- Advokat, C.,** D. Flershem and J. Siuciak. Tolerance to the antinociceptive effect of intrathecal morphine in intact and chronic spinal rats. *Behav. and Neural Biology*, 54:191-197, 1990.
- Advokat, C.** and A. Gulati. Spinal transection reduces both spinal antinociception and CNS concentration of systemically administered morphine in rats. *Brain Research*, 555:251-258, 1991.
- Baumeister, A. and **C. Advokat**. Evidence for a supraspinal mechanism in the opioid mediated antinociceptive effect of ketamine. *Brain Research*, 566:351-353, 1991.
- Advokat, C.** and J. Magoun. Is tolerance to intrathecal morphine in intact rats supraspinally mediated? *Pharmacol. Biochem. and Behav.*, 39:761-763, 1991.
- Advokat, C.** and A.I. Pellegrin. Excitatory amino acids and memory: Evidence from research on Alzheimer's disease and behavioral pharmacology. *Neuroscience and Biobehavioral Reviews*, 16:13-24, 1992.
- Advokat, C.** and C. McInnis. Environmental modulation of behavioral tolerance in spinal rats. *Brain Research*, 581:46-52, 1992.
- Advokat, C.** Intrathecal co-administration of serotonin (5HT) and morphine differentially modulates the tail flick reflex of intact and spinal rats. *Pharmacol. Biochem. and Behav.*, 45:871-879, 1993.
- Ghorpade, A. and **C. Advokat**. Evidence of a role for N-methyl-D-aspartate (NMDA) receptors in the facilitation of tail withdrawal after spinal transection. *Pharmacol. Biochem. and Behav.*, 48:175-181, 1994.

- Advokat, C.**, A. Ghorpade and E. Wolf. Intrathecal excitatory amino acid (EAA) agonists increase tail flick latencies (TFLs) of spinal rats. *Pharmacol. Biochem. and Behav.*, 48:693-698, 1994.
- Advokat, C.**, J. Prejean and L. Bertman. Intrathecal co-administration of morphine and excitatory amino acid agonists produce differential effects on the tail flick of intact and spinal rats. *Brain Research*, 641:135-140, 1994.
- Advokat, C.** and V. Kutlesic. Pharmacotherapy of the eating disorders: A commentary. *Neuroscience and Biobehavioral Reviews*, 19:59-66, 1995.
- Advokat, C.** and D. Rutherford. Selective antinociceptive effects of excitatory amino acid antagonists in intact and spinal rats. *Pharmacol. Biochem. and Behav.*, 51:855-860, 1995.
- Bertman, L.J. and **C. Advokat**. Comparison of the antinociceptive and antispastic action of (-) Baclofen after systemic and intrathecal administration in intact, acute and chronic spinal rats. *Brain Research*, 684:8-18, 1995.
- Wolf, E.A. III and **C. Advokat**. The N-methyl-D-aspartate antagonist dextrorphan acts like ketamine by selectively increasing tail flick latencies in spinally transected, but not intact rats. *Analgesia*, 1:161-170, 1995.
- Advokat, C.** and F.Q. Rhein. Potentiation of morphine-induced antinociception in acute spinal rats by the NMDA antagonist dextrorphan. *Brain Research* 699:157-160, 1995.
- Advokat, C.**, H. Mosser and K. Hutchinson. Morphine and dextrorphan lose antinociceptive efficacy but exhibit an antispastic action in chronic spinal rats. *Physiol. and Behav.* 62:799-804, 1997.
- Advokat, C.**, M. Duke and R. Zeringue. Dissociation of (-)Baclofen-induced effects on the tail withdrawal and hindlimb flexor reflexes of chronic spinal rats. *Pharmacol. Biochem. and Behav.*, 63: 527-534, 1999.
- Advokat, C.** and M. Duke. Comparison of morphine-induced effects on thermal nociception, mechanoreception and hindlimb flexion in chronic spinal rats. *Experimental and Clinical Psychopharmacology*, 7: 219-225, 1999.
- Advokat, C.**, L.J. Bertman and J. E. Comaty, Jr. Clinical outcome to clozapine in chronic psychiatric inpatients. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, 23:1-14, 1999.
- Gouardères, C., M. Roumy, **C. Advokat**, K. Jhamandas and J.-M. Zajac. Dual localization of neuropeptide FF receptors in the rat dorsal horn. *Synapse*, 35:45-52, 2000.
- Advokat, C.**, E. A. Mayville and J.L. Matson. Side effect profiles of atypical antipsychotics, typical antipsychotics, or no psychotropic medications in persons with mental retardation. *Research in Developmental Disabilities*, 21: 75-84, 2000.

- Duke, M. and **C. Advokat**. Pentobarbital-induced modulation of flexor and H-reflexes in spinal rats. *Brain Research*, 881:217-221, 2000.
- Combs, D.R. and **C. Advokat**. Antipsychotic medication and smoking prevalence in acutely hospitalized patients with chronic schizophrenia. *Schizophrenia Research*, 46:129-137, 2000.
- Vesce, J., J.E. Comaty and **C. Advokat**. Antiaggressive action of atypical antipsychotics in patients with schizophrenia. (Letter to the Editor) *Journal of Clinical Psychopharmacology*, 21: 353-355, 2001.
- Comaty, J.E. and **C. Advokat**. Indications for the use of atypical antipsychotics in the elderly. *Journal of Clinical Geropsychology*, 7:285-309, 2001.
- Comaty, J.E., M. Stasio and **C. Advokat**. Analysis of outcome variables of a token economy (TE) treatment program in a state psychiatric hospital. *Research in Developmental Disabilities*, 22: 233-253, 2001.
- Meyer, L., Wm Drew Gouvier, M. Duke and **C. Advokat**. Influence of social context on reported attitudes of non-disabled students toward students with disabilities. *Rehabilitation Counseling Bulletin*, 45: 50-52, 2001.
- Reprinted in M.L. Patten (Ed.), Educational and Psychological Research. A Section of Journal Articles for Analysis and Evaluation (3<sup>rd</sup> Ed.). Pyrczak Publishing, CA, 2002.
- Savage, R., D.R. Combs, J.B. Pinkston, **C. Advokat** and Wm. Drew Gouvier. The role of temporal lobe and orbitofrontal cortices in olfactory memory function. *Archives of Clinical Neuropsychology*, 17:305-318, 2002.
- Advokat, C.** Spinal transection increases the potency of clonidine on the tail flick and hindlimb flexion reflexes. *European Journal of Pharmacology*, 437:63-67, 2002.
- Advokat, C.**, D. Dixon, J. Schneider, and J. Comaty, Jr. Comparison of risperidone and olanzapine as used under 'Real-World' conditions in a state psychiatric hospital. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, 28:487-495, 2004.
- Advokat, C.D.**, and J. E. Comaty. Pharmacoeconomics of the Second Generation Antipsychotics.  
**INVITED PAPER:** *Contemporary Psychiatry*, 3:1-10, 2004.
- Advokat, C.** Differential effects of clozapine, compared with other antipsychotics, on clinical outcome and dopamine release in the brain. *Essential Psychopharmacology*, 6:73-90, 2005.
- Advokat, C.**, N. Eustis, and J. Pickering. Relationship Between Diagnosis and Disposition of Patients Admitted to a State Psychiatric Hospital. *Psychiatric Quarterly*, 17:97-106, 2005.

- Comaty, J. Jr., and **C. D. Advokat**. 'Real World' study of antipsychotic effectiveness for chronic inpatients with schizophrenia in a state psychiatric hospital: Preliminary Results and Commentary. *Journal of Mental Health*, 15:57-62, 2006.
- Advokat, C.**, L. Martino, B. Hill, and Wm. Gouvier. Continuous Performance Test (CPT) of college Students with Attention-Deficit-Hyperactivity-Disorder (ADHD), Psychiatric Disorders, Cognitive Deficits, or No Diagnosis. *Journal of Attention Disorders*, 10(3): 253-256, 2007.
- Advokat, C.** Update on Amphetamine Neurotoxicity and Its Relevance to the Treatment of Attention-Deficit Hyperactivity Disorder (ADHD). *Journal of Attention Disorders*, 10(4): 1-9, 2007.
- Advokat, C.**, L. Martino, and D. Guidry. Licit and Illicit Use of Attention-Deficit Hyperactivity (ADHD) Medication by College Students. IN PRESS, *Journal of American College Health*, 2007.
- Barrilleaux, K. and **Advokat, C.** Attribution and Self-Evaluation of CPT Task Performance in Medicated and Unmedicated Adults with Attention-Deficit/Hyperactivity Disorder. SUBMITTED, *Journal of Attention Disorders*, March, 2007.
- Advokat, C.**, B. D. Hill, and C. Comaty. 'Real-World' Comparison of First- and Second-Generation in Regard to Length of Inpatient Hospitalization and Number of Re-Hospitalizations. SUBMITTED *Psychiatric Quarterly*, April 2007.
- Papers Presented at Meetings**
- Schneider, A.M., C. Advokat, et al. Convulsive and retention gradients as a function of footshock and electroconvulsive shock intervals. *Psychonomic Society Meetings*, St. Louis, Missouri, 1968.
- Schneider, A.M., C. Advokat, B. Kapp and W. Sherman. Retrograde amnesic effects of unilateral spreading depression. *Eastern Psychological Association Meetings*, Philadelphia, Pennsylvania, April 10-12, 1969.
- Advokat, C. Reflex modulation due to supplementary stimulation. *Eastern Psychological Association Meetings*, New York, New York, 1976.
- Advokat, C., T. Carew and E. Kandel. Modulation of a simple reflex in *Aplysia californica* by arousal with food stimuli. *Neuroscience Abstracts*, 2(1):313, 1976.
- Diamond, B.I., J.E. Comaty, C. Advokat, H.S. Havdala, R. Walter and R.L. Borison. Substance P-induced analgesia. *The Pharmacologist*, 21:159, 1979.
- Advokat, C. Analgesic tolerance is facilitated by analgesic testing. *Neuroscience Abstracts*, 6:433, 1980.
- Proudfit, H., J. Hettasch and C. Advokat. Role of the cuneiform nucleus in analgesia. *The Pharmacologist*, 22:304, 1980.

- Advokat, C. and L. Isaac. Brain opiate levels and morphine tolerance to the nociceptive tail flick test. *Neuroscience Abstracts*, 7:164, 1981.
- Westenberg, I.S. and C.D. Advokat. Response to morphine of pigmented vs. albino WLE rats: A within-strain comparison. 12th Annual Meeting. Behav. Genetic Association. Colorado, June 23-26, 1982.
- Advokat, C. and C. Tyler. Lack of "cross-tolerance" between systemic and intrathecal morphine in rats on the nociceptive tail flick test. *Neuroscience Abstracts*, 8:355, 1982.
- Isaac, L. and C. Advokat. Electroconvulsive shock: Motor paralysis following subconvulsive stimuli. *Neuroscience Abstracts*, 8:955, 1982.
- Advokat, C. Behavioral correlates of intrathecal morphine in rats. Fourth Annual Meeting of the American Pain Society. Chicago, Illinois, November 11-13, 1983.
- Schlemmer, R.F., Jr., C. Nawara, W.J. Heinze, J.M. Davis and C.D. Advokat. Tolerance to LSD-induced behavior in primates is not dependent on environment. *Neuroscience Abstracts*, 9:1147, 1983.
- Browning, R.A., C.D. Advokat, D.K. Nelson and L. Isaac. Electroshock induced motor paralysis. Comparison between earclip and corneal electrodes. *Neuroscience Abstracts*, 9:1104, 1983.
- Tyler, C.B. and C. Advokat. Lack of "cross-tolerance" to systemic morphine-induced analgesia after chronic intrathecal infusion in rats. *Neuroscience Abstracts*, 10:1106, 1984.
- Advokat, C. and C.B. Tyler. "Cross-tolerance" to spinal morphine: Differential effects on the tail flick vs the hot plate test. Forty-sixth Annual Meeting of the Committee on Problems of Drug Dependence Inc., St. Louis, Missouri, June 4-6, 1984. NIDA Research Monograph #55 p. 252, 1985.
- Scroggs, R., M. Abruzzo and C. Advokat. Acute ethanol inhibits gastrointestinal transit in mice. *Alcoholism: Clinical and Experimental Research*, 9:193, 1985.
- Advokat, C. Morphine antinociception in spinally transected rats. Forty-seventh Annual Meeting of the Committee on Problems of Drug Dependence, Inc., Baltimore, Maryland, June 9-12, 1985.
- Advokat, C., P. Burton and J. Siuciak. Dose-response effect of morphine antinociception in the chronic spinal rat. Forty-eighth Annual Meeting of the Committee on Problems of Drug Dependence, Inc., Lake Tahoe, California, June 16-18, 1986.
- Schulman, M.P., R. Schoenbeck and C. Advokat. Modulation of response to morphine by S-adenosyl-methionine (SAM) *in vivo* and *in vitro*. Presented at the 71st Annual Meeting of the Federation of American Societies for Experimental Biology, Washington, DC, March 29 - April 3, 1987.

- Advokat, C. and P. Burton. Tolerance to opiate antinociception in spinally transected rats. *Neuroscience Abstracts*, 13: 1591, 1987.
- Siuciak, J. and C. Advokat. Nociceptive assessment decreases the synergistic effect of concurrent spinal and supraspinal morphine administration. *Neuroscience Abstracts*, 13:1590, 1987.
- Siuciak, J. and C. Advokat. Enhanced antinociceptive effect of intrathecal morphine in spinally transected rats. Presented at the 72nd Annual Meeting of the Federation of American Societies for Experimental Biology, Las Vegas, Nevada, May 1-5, 1988.
- Advokat, C., D. Flershem and J. Siuciak. Tolerance to the antinociceptive effect of intrathecal morphine in intact and chronic spinal rats. *Neuroscience Abstracts*, 15:370, 1989.
- Advokat, C. and C. McInnis. Behavioral tolerance (BT) to morphine in spinal rats. *Neuroscience Abstracts*, 17:1401, 1991.
- Advokat, C. The effect of intrathecal serotonin (5HT) on the antinociceptive response to intrathecal morphine in intact and spinal rats. Presented at the First International Behavioral Neuroscience Conference, San Antonio, TX May 21-24, 1992.
- Advokat, C. and A. Ghorpade. Effect of intrathecal (IT) excitatory amino acids (EAAs) on the tail flick (TF) of intact and spinal rats. Presented at the Second International Behavioral Neuroscience Conference, Clearwater, FL April 22-25, 1993.
- Advokat, C., J. Prejean and L. Bertman. Spinal co-administration of excitatory amino acids (EAAs) and morphine in intact and spinal rats. Presented at the Second Annual Retreat of the LSUMC Alcohol and Drug Abuse Center, LSUMC, Shreveport, LA October 8-9, 1993.
- Advokat, C. and D. Rutherford. CNQX (6-cyano-7-nitroquinoxaline-2,3-dione) increases tail flick latencies of intact and spinal rats. Presented at the Third International Behavioral Neuroscience Conference, Clearwater, FL, May 19-21, 1994.
- Wolf, E.A. III and C. Advokat. The N-methyl-D-aspartate (NMDA) antagonist dextrorphan acts like ketamine by selectively increasing tail flick latencies (TFLs) in spinally transected vs intact rats. Presented at the 13th annual meeting of the American Pain Society, Miami, FL, Nov. 10-13, 1994.
- Bertman, L.J. and C. Advokat. Systemic (-)Baclofen (BAC) remains antinociceptive after spinalization and reduces spasticity in chronic spinal rats. *Neuroscience Abstracts*, 20:765, 1994.
- Advokat, C. and K. Hutchinson. Effects of dextrorphan and morphine on a spinal reflex, spasticity and body temperature in chronic spinal rats. Presented at the annual meeting of the Louisiana Psychological Association, New Orleans, LA, Nov. 9-11, 1995.

- Gouardères, C., C. Advokat and J-M. Zajac. Effects of spinal cord transection on Neuropeptide FF and opioid receptors: A quantitative autoradiographic study. *Neuroscience Abstracts*, 22:860, 1996.
- Duke, M.A., R.P. Zeringue, K. Hutchinson and C. Advokat. Phaclofen-induced attenuation of the Antinociceptive and antispastic actions of baclofen in chronic spinal rats. Presented at the Sixth International Behavioral Neuroscience Conference, San Diego, CA, April 24-27, 1997.
- Mosser, H., G. Strain, B. Tedford and C. Advokat. An experimental model of spasticity: Electrophysiological recordings of three different responses in the chronic spinal rat. Presented at the Sixth International Behavioral Neuroscience Conference, San Diego, CA, April 24-27, 1997.
- Advokat, C., L.J. Bertman and J.E. Comaty. Clinical outcome to clozapine in chronic psychiatric inpatients. *Neuroscience Abstracts*, 23:558, 1997.
- Duke, M.A., L.D. Artman and C. Advokat. Intrathecal phaclofen antagonizes the antinociceptive effect of systemic (-)baclofen in chronic spinal but not intact rats. *Neuroscience Abstracts*, 23:1813, 1997.
- Mosser, H., G. Strain and C. Advokat. Electrophysiological evidence of spasticity in chronic spinal rats. *Neuroscience Abstracts*, 23:2189, 1997.
- Mosser, H. and C. Advokat. Investigation of NMDA and NON-NMDA receptor antagonist action on spinal transection-induced spasticity. *Neuroscience Abstracts*, 24:2078, 1998.
- Kluess, H.A., A.G. Nelson, M. Duke, and C. Advokat. Cardiac myosin phenotype remodeling following chronic spinal transection. Presented at the 46th annual meeting of the American College of Sports Medicine, Seattle, WA, June 2-5, 1999.
- Advokat, C., L. Meyer, M. Maranto, and M.A. Duke. Can synergy between antispastic and analgesic agents improve therapeutic options following spinal cord injury? Presented at the 8th International Behavioral Neuroscience Conference, Nancy, France, June 24-27, 1999.
- Comaty, J., M. Stasio, M. Dillon and C. Advokat. Analysis of outcome variables for the behavioral treatment program (BTP) at a state psychiatric hospital. Presented at the 8th International Behavioral Neuroscience Conference, Nancy, France, June 24-27, 1999.
- Stasio, M., J. E. Comaty and C. Advokat. Outcome variables that may predict success in completing a behavioral treatment program (BTP) at a state psychiatric hospital. Presented at AABT, Toronto, Canada, Nov., 1999.
- Advokat, C., Schneider, J., Dixon, D., Wm. Gouvier, and J. Comaty. Preliminary review of the effectiveness of atypical antipsychotics as clinically used in a public psychiatric hospital. Presented at the 46<sup>th</sup> annual meeting of the Behavioral Pharmacology Society, New Orleans, LA., April 19-20, 2002.

Martino, L. and C. Advokat. Drug use in college students with attention deficit hyperactivity disorder. Presented at the annual convention of the American Society of Experimental Therapeutics, Experimental Biology, April 18<sup>th</sup>, 2004, Washington, D.C.

Advokat, C., Martino, L. and Guidry, D. Licit and Illicit Use of Attention-Deficit Hyperactivity (ADHD) Medication by College Students. Presented at the 58<sup>th</sup> annual convention of the Louisiana Psychological Association, May 13<sup>th</sup>, 2006, Baton Rouge, LA.

Advokat, C., B.D. Hill, and J. Comaty. Are They Worth It? First vs. Second Generation Antipsychotics. Presented at the annual convention of the American Psychological Association, August 12<sup>th</sup>, 2006, New Orleans, LA.

Barrilleaux, K. and Advokat, C. Attribution and Self-Evaluation of CPT Task Performance in Medicated and Unmedicated Adults with Attention-Deficit/Hyperactivity Disorder. Presented at the 59<sup>th</sup> annual convention of the Louisiana Psychological Association, May 11<sup>th</sup>, 2007, Baton Rouge, LA.

### **Invited Seminars**

Conditioning theory of drug tolerance. Department of Psychiatry, Grand Rounds Medical College of Georgia, January, 1982.

Conditioning theory of drug tolerance. Department of Psychiatry and Neurology, Dwight D. Eisenhower Army Medical Center, Fort Gordon, Georgia, January, 1982.

Conditioning theory of drug tolerance. Psychology Department, Northwestern University, Evanston, Illinois, April 1982.

Conditioning theory of drug tolerance. Department of Psychology, Illinois State Psychiatric Institute, Chicago, Illinois, September 1983.

Investigations of tolerance to the analgesic actions of spinal morphine. Society for Neuroscience, Chicago Chapter, May 15, 1985.

Investigation of tolerance to morphine antinociception at the spinal level. Department of Pharmacology and Toxicology, College of Pharmacy, The State University of New Jersey, Rutgers, February 1986.

Spinal opiate antinociception. Department of Pharmacology and Toxicology, Medical College of Wisconsin, Milwaukee, Wisconsin, October 1986.

The spinal rat as a model system for studying mechanisms of behavioral tolerance. Symposium: Recent Advances in Psychopharmacology: Opioids and Behavior. Meeting of the Midwest Psychological Association, Chicago, Illinois, May 8-10, 1987.

Spinal opiate antinociception. Departments of Behavioral and Physiological Sciences, University of Chicago, Chicago, Illinois, April 13, 1988.

Spinal opiate antinociception. GD. Searle and Company, Skokie, Illinois, September 1988.

Spinal opiate analgesia. Department of Psychology, Louisiana State University, Baton Rouge, Louisiana, February 1989.

The role of descending inhibition in morphine-induced analgesia. 8th Annual Scientific Meeting of the American Pain Society, Phoenix, Arizona, October 26-29, 1989.

Professional Development Workshops in Psychology, June 7 and 8, 1991: Pharmacotherapy of Schizophrenia, Affective Disorders and Anxiety

Descending modulation of spinal opiate antinociception. Department of Pharmacology, LSU Medical Center, September 18, 1992.

The role of the brain and spinal cord in morphine analgesia. Department of Psychology, Tulane University, New Orleans, March 5, 1993.

The role of the brain and the spinal cord in morphine analgesia. Department of Physiology, Pharmacology and Toxicology, School of Veterinary Medicine, LSU, Baton Rouge, April 29, 1994.

Descending control of spinal analgesia. Divisions of Pharmacology and Toxicology and Medicinal Chemistry and Pharmaceutics, Northeast Louisiana University, College of Pharmacy and Health Sciences, School of Pharmacy, Monroe, LA, Feb. 10, 1995.

Conflict of Interest in Biomedical Research or Who Pays for the Pizza? Continuing Education Presentation, Department of Psychology Workshop, June, 2006.

### **Community/University Service**

Presenter for Spring House's "Women's Month 2000", Eastern Louisiana Mental Health System, P.O. Box 549, Greenwell Springs, LA 70739, July 21, 2000.

Presentation for LSU Residential Services on Alcoholism, Fall 2001.

Presentation for the Student Chapter of the American Society of Laboratory Animal Practitioners (SCASLAP), "Ethics of Animal Research," Spring, 2002

Invited presentation for the LSU Chapter of the Tri Beta Biological Honor Society, "Research Interests," April 14<sup>th</sup>, 2004.

### **Ad Hoc Reviewer**

European Journal of Pharmacology

Pharmacology, Biochemistry and Behavior

Physiology and Behavior

Brain Research

Journal of Pharmacology and Experimental Therapeutics

Schizophrenia Research