

CURRICULUM VITAE
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Licensure: New Mexico # 0929

Education:

07/99 - 07/04 University of New Mexico
Major: Clinical Psychology (APA-approved program)
Minor: Development
Degree: Ph.D.

08/97 - 07/99 University of New Mexico
Major: Clinical Psychology
Degree: M.S.

08/90 - 05/94 Wellesley College
Major: Cognitive Science
Minor: Math
Degree: B.A., Cum Laude

Clinical Experience:

09/05 - present **Clinical Neuropsychologist, Assistant Professor**, Center for Neuropsychological Services, Department of Psychiatry, University of New Mexico

Duties: Neuropsychological assessment of children, adolescents, and adults. Referrals comprise both inpatients and outpatients with a variety of central nervous system disorders. Responsibilities include case formulation, administration, scoring and interpretation of neuropsychological test batteries, conducting clinical interviews, compiling medical records, school observations, feedback, and report writing, as well as

training/mentoring graduate students in clinical neuropsychological assessment. Assessment batteries include tests of intelligence, academic achievement, and neuropsychological functioning.

Supervised Clinical Experience:

07/04 – 08/05

Post-doctoral Neuropsychology Fellow, Center for Neuropsychological Services, Department of Psychiatry, University of New Mexico

Duties: Neuropsychological assessment of children and adolescents. Referrals comprise both inpatients and outpatients with a variety of central nervous system disorders. Responsibilities include case formulation, administration, scoring and interpretation of neuropsychological test batteries, conducting clinical interviews, compiling medical records, school observations, feedback, and report writing, as well as training/mentoring graduate students in clinical neuropsychological assessment. Assessment batteries include tests of intelligence, academic achievement, and neuropsychological functioning.

Supervisors: Richard Campbell, Ph.D and Dina Hill, Ph.D.

07/03 - 06/04

Clinical Psychology Pre-doctoral Intern, Department of Psychiatry, Division of Child and Adolescent Psychiatry, University of New Mexico

Pediatric Neuropsychology Track, Center for Neuropsychological Services

Duties: Neuropsychological assessment of children and adolescents. Referrals comprise both inpatients and outpatients with a variety of central nervous system disorders.

Responsibilities include administration, scoring and interpretation of neuropsychological test batteries, conducting clinical interviews, compiling medical records, school observations, feedback, and report writing. Assessment batteries include tests of intelligence, academic achievement, and neuropsychological functioning.

Supervisor: Richard Campbell, Ph.D

Therapist, Children's Psychiatric Center - Outpatient Services

Duties: Providing child, adolescent and family psychotherapy and an outpatient population.

Interventions include using play therapy, cognitive behavioral therapy, solution focused, systems, and integrative techniques to treat Axis I and Axis II disorders. Integrative approach includes the application of eastern philosophy to western psychotherapy.

Comprehensive psychological evaluations; including cognitive, personality, and projective tests. Participation in weekly group and individual supervision.

Supervisors: Marcia Moriarta, Psy.D. and Jerald Belitz, Ph.D.

9/02 - 06/03

Neuropsychological Testing Trainee, Center for Neuropsychological Services, University of New Mexico

Duties: Neuropsychological assessment of children and adolescents. Referrals comprise both inpatients and outpatients with a variety of central nervous system disorders.

Responsibilities include administration, scoring and interpretation of neuropsychological test batteries, conducting clinical interviews, compiling medical records, and report writing. Assessment batteries include tests of intelligence, academic achievement, and neuropsychological functioning.

Supervisors: Dina Hill, Ph.D. and Richard Campbell, Ph.D.

2/99 - 06/03

Therapist, Psychology Clinic, University of New Mexico

Duties: Providing individual and couples psychotherapy to an adult population. Interventions include using psychodynamic, existential, and integrative techniques to treat Axis I and Axis II disorders. Clinical problems have thus far included depression and/or anxiety and personality disorders. Integrative approach includes cognitive-behavioral techniques, as well as the application of eastern philosophy to western psychotherapy. Incorporation of results from psychological evaluations into treatment planning. Participation in weekly group and individual supervision.
Supervisors: Samuel Roll, Ph.D., John Gluck, Ph.D., and Daniel Matthews, Ph.D.

1/99 - 06/03

Psychological and Neuropsychological Testing Trainee, Psychology Clinic, University of New Mexico

Duties: Providing comprehensive psychological evaluations for adult referrals and college students. Clinical problems have thus far included depression and/or anxiety and mild memory impairment. Administration and scoring of self-report personality inventories, projective measures, and neuropsychological tests. Conducting initial interviews and feedback sessions. Integration of results into written reports.
Supervisors: Samuel Roll, Ph.D. and Daniel Matthews, Ph.D.

2/00 – 7/00

Research Assistant, Veterans Administration Medical Center, Albuquerque, NM

Duties: Within context of a double-blind clinical drug trial, evaluated schizophrenic patients 1 session per week for 16 weeks during washout (inpatient) and drug treatment (in/outpatient) phases. Conducted clinical interviews, psychiatric and neurological symptom ratings, neuropsychological assessments, medication management, and crisis intervention.
Supervisors: Jose M. Cañive, M.D. and Fernando Torres, M.D.

Research Experience:

7/99 - Present

Neuropsychological Consultant, Alcohol and Drug Abuse Research Center, McLean Hospital

Site: Pharmacology Research Clinic, Salt Lake City, Utah

Duties: Developed neuropsychological test battery to assess potential cognitive deficits in MDMA substance abusers. Administration of neuropsychological tests to research subjects with histories of MDMA use and/or clinical depression, and normal controls in Salt Lake City, followed by scoring of data. Supervision and training of research assistants. Provide assistance in writing grants, abstracts, and manuscripts.

Site: Farmington, NM

Duties: Administered neuropsychological tests to Navajo Native Americans with histories of peyote consumption (Native American Church members), alcohol dependence, and normal controls in Farmington, NM, followed by scoring of data. Presented results at local community meetings and an international conference. Provided assistance in writing abstracts and manuscripts.

Supervisors: Harrison Pope, M.D. and John Halpern, M.D.

8/99 – 7/01

Research Assistant, General Medical Research Service, Veterans Administration Medical Center, Albuquerque, NM

Duties: Collaborated in the research design, data collection, analysis, write-up and presentation phases on a variety of neuroimaging research projects investigating clinical, neurophysiological and cognitive abnormalities in schizophrenic patients medicated with typical and atypical neuroleptics. Recruited patients and community control subjects, administered clinical interviews, symptom rating scales, and neuropsychological tests, followed by scoring of data. Collected neurophysiological data with Magnetoencephalography (MEG). Analyzed data for independent research. Significant training in technical aspects of EEG, MEG, source localization, and MRI 3D reconstruction.
Supervisors: Jose M. Cañive, M.D. and Ronald Yeo, Ph.D.

9/97 – 6/99

Research Assistant, Department of Psychology, University of New Mexico

Duties: Participated in the research design, data collection, analysis, write-up and presentation phases on inpatient schizophrenia research projects investigating clinical, social and cognitive abnormalities. Recruited patients and community control subjects, administered clinical interviews, symptom rating scales, social functioning measurements, and neuropsychological tests, followed by scoring of data. Masters thesis data analyzed and presented.

Supervisor: Jack Blanchard, Ph.D.

9/94 - 9/97

Clinical Research Technician, Neuropsychology Lab, Brain Imaging Center, & Cognitive Neuroscience Lab, McLean Hospital

Duties: Participated in all phases of neuroimaging (MRI & MR Spectroscopy), neurophysiological (EEG), and neuropsychological research with first-episode schizophrenic and bipolar inpatients, psychiatric outpatients (including clinically depressed children), family members, and community controls subjects. Coordinated large collaborative research project between two laboratories aimed at identifying etiologic factors and neuropathologic processes associated with psychotic disorders. Administered neuropsychological tests, followed by scoring of data. Responsible for developing comprehensive databases and conducting statistical analyses. Assisted in writing grants, abstracts, and manuscripts. Significant training in technical aspects of EEG, MRI volumetric measurement, and MRS spectral analysis.

Supervisors: Deborah Yurgelun-Todd, Ph.D., Martha Shenton, Ph.D., & Dean Salisbury, Ph.D.

6/94 - 8/94

Research Assistant, Department of Psychology, Harvard University

Duties: Assisted a graduate student on study design, data collection and analyses of a dissertation research project aimed at understanding the effects of managerial styles on employees' abilities to learn novel tasks.

Supervisor: Monica Higgins, M.B.A./Ph.D. candidate

9/93- 4/94

Student Assistant, School-Age Child Care Project, Center for Research on Women, Wellesley College

Duties: Provided general office assistance to staff on research projects aimed at improving the quantity and quality of school-age child programs nationally. Compiled information and data for computerized reports.

Supervisor: Lillian Colton

6/93 - 8/93

Research Assistant, Department of Psychology, University of Pennsylvania

Duties: Participated in recruitment, data collection, behavioral testing, and coding tapes on a research project investigating the development of higher cognitive functions, such as memory and attention in children, ages 6 mos. - 7 years.

Supervisor: Adele Diamond, Ph.D.

Publications:

- Yurgelun-Todd DA, Kinney DK, Sherwood AR, Renshaw PF. (1996). Magnetic resonance brain imaging in schizophrenia. *Seminars in Clinical Neuropsychiatry*, 1 (1):4-19.
- Salisbury DF, Shenton ME, Sherwood AR, Fischer IA, Yurgelun-Todd DA, Tohen M, McCarley RW. (1998). First episode schizophrenic psychosis differs from first episode affective psychosis and controls in P300 amplitude over left temporal lobe. *Archives of General Psychiatry*, 55:173-180.
- Loeber RT, Sherwood AR, Renshaw PF, Cohen BM, Yurgelun-Todd DA. (1999). Differences in cerebellar blood volume in schizophrenia and bipolar disorder. *Schizophrenia Research*, 37:81-89.
- Blanchard JJ, Brown SA, Horan WP, Sherwood AR. (2000). Substance use disorders in schizophrenia: Review, integration, and a proposed model. *Clinical Psychology Review*, 20 (2):207-234.
- Loeber RT, Gruber SA, Cohen BM, Renshaw PF, Sherwood AR, Yurgelun-Todd DA. (2002). Cerebellar blood volume in bipolar patients correlates with medication. *Biological Psychiatry*, 51(5):370-376.
- Moore CM, Bonello CM, Sherwood AR, Cohen BM, Renshaw PF, Yurgelun-Todd DA. (2002). Mesial temporal lobe Cho to Cr(PCr) ratio asymmetry in chronic schizophrenics. *Schizophrenia Research*, 57(1):35-42.
- Edgar JC, Huang MX, Weisend MP, Sherwood A, Miller GA, Adler LE, Canive JM. (2003). Interpreting abnormality: an EEG and MEG study of P50 and the auditory paired-stimulus paradigm. *Biological Psychology*, 65(1):1-20.
- Thoma RJ, Hanlon FM, Moses SN, Edgar JC, Huang M, Weisend MP, Irwin J, Sherwood AR, Paulson K, Bustillo J, Adler LE, Miller GA, Cañive JC. (2003). Lateralization of auditory sensory gating and neuropsychological dysfunction in schizophrenia. *American Journal of Psychiatry*, 160:1595-1605.
- Halpern JH, Pope HG, Sherwood AR, Barry S, Hudson JI, Yurgelun-Todd DA. (2004). Residual Neuropsychological Effects of Methylenedioxymethamphetamine ("Ecstasy") in Individuals with Minimal Exposure to Other Drugs. *Drug and Alcohol Dependence*, 75(2):135-147.
- Halpern JH, Pope HG, Sherwood AR, Barry S, Hudson JI, Yurgelun-Todd DA. (2004). Reply to Lyvers and Hasking. *Drug and Alcohol Dependence*, 75(2):153.
- Edgar JC, Miller GA, Moses SN, Thoma RJ, Huang MX, Hanlon FM, Weisend MP, Sherwood A, Bustillo J, Adler LE, Canive JM. (2005). Cross-modal Generality of the Gating Deficit. *Psychophysiology*, 42: 318-327.
- Halpern JH, Sherwood AR, Hudson JI, Yurgelun-Todd DA, Pope HG. (2005). Psychological and Cognitive Effects of Long-term Peyote Use Among Native Americans. *Biological Psychiatry*, 58(8): 624-31.
- Canive JM, Miller GA, Irwin JG, Moses SN, Thoma RJ, Edgar JC, Sherwood A, Torres F, LaNoue M, Lewis S, Hanlon FM, Weisend MP, Mead V, Tuason VB. (2006). Efficacy of Olanzapine and Risperidone in Schizophrenia: A Randomized Double-Blind Crossover Design. *Psychopharmacology Bulletin*, 39(1): 105-116.

Halpern JH, Sherwood AR, Passie T, Blackwell KC, & Rutenber AJ. (2008). Evidence of health and safety in American members of a religion who use a hallucinogenic sacrament. *Medical Science Monitor*, 14(8):SR15-22.

Published Abstracts from National and International Scientific and Clinical Meetings:

Gruber SA, Albert DA, Sherwood AR, Yurgelun-Todd DA. (1995). Neuropsychological deficits in first-episode patients [Abstract]. McLean Research Day.

Salisbury DF, Shenton ME, McCarley RW, Yurgelun-Todd DA, Tohen M, Sherwood AR. (1995). P3 topography differs in schizophrenia-like and mania-like first episode psychosis [Abstract]. *Biological Psychiatry*, 37: 626.

Salisbury DF, Shenton ME, McCarley RW, Yurgelun-Todd DA, Tohen M, Sherwood AR, Fischer IA, Chase EA. (1995). Abnormal P3 topography in first episode schizophrenia-like psychosis [Abstract]. *Psychophysiology*, p.S66.

Hirayasu Y, Shenton ME, Dickey CC, Salisbury DF, Fischer IA, Sherwood AR, Yurgelun-Todd DA, Tohen M, McCarley RW. (1996). Brain CSF volume in patients with first-episode psychosis [Abstract]. *Biological Psychiatry*, 39: 519.

Salisbury DF, Fischer IA, Shenton, ME, Sherwood AR, Mazzoni P, McCarley RW. (1996). Midline P3 amplitude interactions in schizophrenia and mania [Abstract]. *Psychophysiology*, p.S72.

Salisbury DF, Shenton ME, McCarley RW, Sherwood AR, Fischer IA. (1996). Reduced long-latency positive activity in schizophrenia on a homograph task [Abstract]. *Biological Psychiatry*, 39:653-4.

Salisbury DF, Sherwood AR, Fischer IA, Chase EA. (1996). A variance matching method to separate motor potentials and P3 [Abstract]. *Psychophysiology*, p.S74.

Yurgelun-Todd DA, Sherwood AR, Kinney DK, Renshaw PF. (1996). Magnetic resonance imaging in schizophrenia [Abstract]. *Biological Psychiatry*, 39:559.

Gruber SA, Baird AA, Sherwood AR, Renshaw PF, Yurgelun-Todd DA. (1997, April). Out loud vs. silent verbal fluency: an fMRI study [Abstract]. *International Congress on Schizophrenia Research*, Colorado Springs, CO.

Moore CM, Bonello CM, Sherwood AR, Cohen BM, Renshaw PF, Yurgelun-Todd DA. (1997, April). Alteration in Cho/Cre in the left temporal lobe of chronic schizophrenics [Abstract]. *International Congress on Schizophrenia Research*, Colorado Springs, CO.

Moore CM, Schmidt C, Sherwood AR, Fava M, Yurgelun-Todd DA, Renshaw PF. (1997, April). Treatment effects in subjects with major depression: A proton MRS study [Abstract]. *Proceedings of Society of Magnetic Resonance*. Vancouver, BC.

Salisbury DF, Fischer IA, Shenton ME, Sherwood AR, Mazzoni P, McCarley RW. (1997, April). Temporal P300 asymmetry in schizophrenia vs. manic psychosis and controls [Abstract]. *International Congress on Schizophrenia Research*, Colorado Springs, CO.

Salisbury DF, Sherwood AR, Shenton ME, Fischer IA, Yurgelun-Todd DA, Tohen M, McCarley RW. (1997, April). Temporal P300 asymmetry in first episode schizophrenia [Abstract]. *International Congress on Schizophrenia Research*, Colorado Springs, CO.

- Sherwood AR, Gruber SA, Moore CM, Yurgelun-Todd DA. (1997, April). NAA/Cre ratio correlates with verbal memory. **Poster presented** at the *International Congress on Schizophrenia Research*, Colorado Springs, CO.
- Sherwood AR, Bonello CM, Lange SA, Yurgelun-Todd DA. (1997, October). Cognitive deficits correlate with reduced amygdalar volume in bipolar patients [Abstract]. **Poster presented** at the *Society for Research in Psychopathology*. Palm Springs, CA.
- Horan WP, Blanchard JJ, Brown SA, Sherwood AR. (1998, November). Facial affect perception in schizophrenia and depression [Abstract]. *Society for Research in Psychopathology*. Cambridge, MA.
- Yurgelun-Todd DA, Sherwood AR, Gruber SA, Moore CM. (1998, November). Choline levels in first-episode patients predict number of rehospitalizations: A proton MRS study. **Poster presented** at the *Society for Research in Psychopathology*. Cambridge, MA.
- Brown SA, Blanchard JJ, Horan WP, Sherwood. (1999, April). Can personality predict stress reactivity among schizophrenics [Abstract]? *International Congress on Schizophrenia Research*, Santa Fe, NM.
- Horan WP, Blanchard JJ, Brown SA, Sherwood AR, Squires DD. (1999, April). Trait affectivity in deficit versus nondeficit schizophrenia [Abstract]. *International Congress on Schizophrenia Research*, Santa Fe, NM.
- Loeber RT, Sherwood AR, Renshaw PF, Cohen BM, Yurgelun-Todd DA. (1999a, April). Differences in cerebellar blood volume in schizophrenia and bipolar disorder. [Abstract]. *International Congress on Schizophrenia Research*, Santa Fe, NM.
- Loeber RT, Sherwood AR, Renshaw PF, Cohen BM, Yurgelun-Todd DA. (1999b, April). Dynamic susceptibility contrast measurements of cerebellar blood volume in schizophrenia [Abstract]. *International Congress on Schizophrenia Research*, Santa Fe, NM.
- Sherwood AR, Brown SA, Horan WP, Blanchard JJ. (1999, April). Cognitive correlates of premorbid functioning in schizophrenia and major depression. **Poster presented** at the *International Congress on Schizophrenia Research*, Santa Fe, NM.
- Sherwood AR, Moore CM, Yurgelun-Todd DA. (1999, April). Age effects on proton metabolite concentration in the left temporal lobe of schizophrenic patients. **Poster presented** at the *International Congress on Schizophrenia Research*, Santa Fe, NM.
- Edgar JC, Cañive JC, Huang M, Sherwood A, Weisend M, Miller G, Alder L. (2001, April). Interpreting abnormality in event-related brain potentials: A case study of the paired-click P50 component. [Abstract]. *International Congress on Schizophrenia Research*, Vancouver, BC.
- Halpern JH, Pope HG Jr, Sherwood A, Hudson JI, Yurgelun-Todd D. (2001). Neuropsychological Effects of Long-Term Hallucinogen Use in Native Americans. [Abstract]. *Drug and Alcohol Dependence*, 63(S1):S62.
- Edgar, JC; Hanlon, FM; Moses, SN; Weisend, MP; Thoma, RJ; Miller, GA; Cañive, JM; Sherwood, A; Paulson, KM; Huang, MX; Lee, RR; Adler, LE. (2002, April). Impaired left hemisphere M50 gating in patients with schizophrenia [Abstract]. *Journal of Cognitive Neuroscience*. suppl.S, p.148-148.

Halpern JH, Pope HG Jr, Sherwood A, Hudson JI, Yurgelun-Todd D. (2002). Neuropsychological Effects of Long-Term Hallucinogen Use Versus Alcoholism in Native Americans: Cultural Limitations of Tests [Abstract]. *Drug and Alcohol Dependence*, 66(S1):S73-S74.

Sherwood AR, Halpern, JH, Pope HG. (2004, February). Neuropsychological Test Performance Among Navajo Native Americans [Abstract]. **Poster presented** at the *International Neuropsychological Society 32nd Annual Meeting*, Baltimore, MD.