

Current Faculty Research, Presentations, Publications, Interests and Opportunities

(updated February 2012)

Cletus Carvalho, M.D.

Medical Director, UK Adult Inpatient Psychiatry
UK Outpatient Adult Psychiatrist
Residency Training Director for General Psychiatry

Practice Interests: Geriatric psychiatry, psychosomatic medicine, inpatient psychiatry, addiction

Research Interests:

Provider adherence to prescribing standards with controlled substances
Risk assessment

Recent Poster Presentations:

Annual meeting of the Association for Academic Psychiatry, Scottsdale, Arizona

See one, do one, teach one: Educating residents on risk assessment using a comprehensive, practical & user-friendly tool; The C-RAT: Comprehensive Risk Assessment Tool

Cletus Carvalho MD

September 2011

Annual meeting of the Association for Academic Psychiatry, Scottsdale, Arizona

An ACGME competency-based curriculum to teach the biopsychosocial model of assessment, formulation and treatment

Cletus Carvalho MD

September 2011

University of Kentucky, Center for Clinical and Translational Science

6th Annual Spring conference, Lexington, Kentucky

See one, do one, teach one: Educating residents on risk assessment using a comprehensive, practical & user-friendly tool; The C-RAT: Comprehensive Risk Assessment Tool

Manish Nair MD (PGY 4 Psychiatry Resident), Cletus Carvalho MD

April 2011

University of Kentucky, Center for Clinical and Translational Science

6th Annual Spring conference, Lexington, Kentucky

The C-RAT: A comprehensive risk assessment tool for use before prescribing psychotropic medications

Caaithiry Jayaraman MD (PGY 4 Psychiatry Resident), Cletus Carvalho MD

April 2011

University of Kentucky, Center for Clinical and Translational Science

6th Annual Spring conference, Lexington, Kentucky

UPforBenzos: Universal Precautions for Benzodiazepine Prescribing; A checklist for safe benzodiazepine prescribing

Cletus Carvalho MD

April 2011

Jose de Leon, M.D.

Director, UK Research Office, Eastern State Hospital
Director, Residency Education, Eastern State Hospital

Current Interests/Projects:

- Pharmacokinetics and pharmacodynamics of psychotropic medications.
- Schizophrenia and other severe mental illnesses.
- Intellectual disabilities in adults.
- Tobacco addiction and severe mental illness.

Research Opportunities:

- Database with 4500 patients from state hospitals including genome wide scan in 900 patients.
- Write up of case reports.
- Review articles on pharmacokinetics, pharmacogenetics or tobacco addiction in patients with severe mental illnesses.
- Pharmacokinetic studies in other countries.

Recent Publications (partial list from 21 articles listed in PubMed since 2010):

de Leon J, Wynn G, Sandson NB. The pharmacokinetics of paliperidone versus risperidone. Psychosomatics 51(1):80-8, 2010. PMID: 20118446.

Diaz FJ, Pérez-Iglesias R, Mata I, Martínez-García O, Vázquez-Barquero JL, **de Leon J**, Crespo-Facorro B. Possible effects of some antipsychotic drugs on C-reactive protein in a drug-naïve psychotic sample. Schizophrenia Research 121(1-3):207-212, 2010. PMID: 20580206.

Blasco-Fontecilla H, Baca-Garcia E, Dubrestein P, Perez-Rodriguez MM, Dervreic K, Saiz-Ruiz J, Courtet P, **de Leon J**, Oquendo MA. An exploratory study of the relationship between diverse life events and personality disorders in a sample of suicide attempters. Journal of Personality Disorders 24(6):774-785, 2010. PMID: 21158599.

de Leon J. Paying attention to pharmacokinetic and pharmacodynamic mechanisms to progress in the area of anticholinergic use in geriatric patients. Current Drug Metabolism 12: 635-646, 2011. PubMed PMID: 21495973.

de Leon J. Highlights of drug package inserts and the website DailyMed: the need for further improvement in package inserts to help busy prescribers (editorial). Journal of Clinical Psychopharmacology 31(3):263-265, 2011. PubMed PMID: 21508855.

Diaz FJ, Pérez-Iglesias R, Mata I, Martínez-García O, Vázquez-Barquero JL, **de Leon J**, Crespo-Facorro B. Using structural equations to test for a direct effect of some antipsychotics on triglyceride levels in drug-naïve first-episode psychosis patients. Schizophrenia Research 131(1-3):82-89, 2011. PMID: 21726981.

de Leon J, Mallory P, Maw L, Susce MT, Perez-Rodriguez MM, Baca-Garcia E. Lack of replication of the association of low serum cholesterol and suicide attempts in another country opens more questions. Annals of Clinical Psychiatry 23(3):163-170, 2011. PMID: 21808747

Gonzalez-Pinto A, Alberich S, Ruiz de Azua S, Martinez Cengotitabengoa M, Gutierrez M, Saenz M, González-Oliveros, R Galdos P, **de Leon J**. Psychosis and smoking cessation: different patterns related to sex and substance abuse. Psychiatry Research 2011 Aug 31. [Epub ahead of print] PMID: 21885130.

de Leon J, Diaz FJ. Genetics of schizophrenia and smoking: an approach to studying their comorbidity based on epidemiological findings. Human Genetics 2011 Dec 22. [Epub ahead of print] PMID: 22190153

Blasco-Fontecilla H, **de Leon J**. Lower gastrointestinal bleeding and paroxetine use: two case reports. Psychosomatics (in press).

de Leon J. Evidence-based medicine versus personalized medicine: are they enemies? (editorial). Journal of Clinical Psychopharmacology (in press).

de Leon J, Santoro V, D'Arrigo C, Spina E. Interactions between antiepileptics and second-generation antipsychotics. Expert Opinion on Drug Metabolism and Toxicology (in press).

Diane R. Follingstad, Ph.D.

Women's Circle Endowed Chair,
Center for Research on Violence Against Women
Professor of Clinical and Forensic Psychology
Board Certified in Forensic Psychology, ABPP

Interests:

Research:

Factors influencing verdicts and decisions to prosecute in cases in which battered women killed an intimate partner
Defining psychological abuse and determining mediators to mental health outcomes

Forensic evaluations:

Criminal competencies
Mental status at time of offense issues for battered women's cases
Psychological damages for civil cases

Research and teaching:

Intimate partner violence
Factors impacting battered women's homicide cases
Assessment of psychological aggression
Psychotherapy and assessment/testing

Research Opportunities:

- Complete a vignette study (data analysis and writing) that investigates the influence of supportive or contradictory third party information in conjunction with a psychologist's evaluation of a defendant as Not Guilty by Reason of Insanity
- Access to database investigating psychological abuse within a national sample of US citizens
- Access to database investigation correlates of psychological abuse in a national sample of women in distressed relationships
- Mentoring for ideas within in my areas of expertise

Paul Glaser, M.D., Ph.D.

Child & Adolescent Psychiatrist; Pediatrician; Triple Board Graduate
Vice Chair for Research, Department of Psychiatry
Researcher in Psychiatry and Anatomy Departments
UK Outpatient Child & Adolescent Psychiatrist

Interests: Pervasive Developmental Disorders; Developmental Pediatrics; Neuroscience Research

The Glaser lab has been interested in translational aspects of developmental disorders to not only understand the causes of mental health illnesses, but also improving their treatment. We work at the bench level with the neurochemical basis of ADHD (Attention-Deficit/Hyperactivity) and its treatment. We work closely with other labs to run studies looking at the abuse of stimulant medications traditionally used to treat ADHD. We also run clinical trials of new medications for ADHD and many other child and adolescent disorders.

Recent Publications:

Vansickel AR, Stoops WW, Glaser PE, Poole MM, Rush CR. Methylphenidate increases cigarette smoking in participants with ADHD. *Psychopharmacology (Berl)*. 2011 May 18.

Miller EM, Gerhardt GA, Glaser PEA. Is ADHD Linked to a Dopamine Signaling Deficit? *Cell Science* 2010. 27(2). ISSN 1742-8130.

Rush CR, Stoops WW, Lile JA, Glaser PEA, Hays LR. Subjective and physiological effects of acute intranasal methamphetamine during D: -amphetamine maintenance. *Psychopharmacology (Berl)*. 2010 Nov 12.

Stoops WW, Poole MM, Vansickel AR, Hays KA, Glaser PEA, Rush CR. Methylphenidate Increases Choice of Cigarettes Over Money. *Nicotine Tob Res*. Volume 13, Number 1, January 2011, 29–33.

Hascup KN, Hascup ER, Stephens ML, Glaser PEA, Yoshitake T, Mathé AA, Gerhardt GA, Kehr J. Resting Glutamate Levels and Rapid Glutamate Transients in the Prefrontal Cortex of the Flinders Sensitive Line Rat: A Genetic Rodent Model of Depression, *Neuropsychopharmacology* advance online publication 27 April 2011 epub.

Lon Hays, M.D. M.B.A.

Chair, Department of Psychiatry

Interests: Addiction and Substance Abuse

Recent Publications:

Rush CR, Lile JA, Stoops WW, Glaser PEA, Hays LR (June, 2010). High efficacy GABA receptor modulators as medications for methamphetamine abuse.

Rush CR, Stoops WW, Lile JA, Glaser PEA, Hays LR (December, 2010). Novel pharmacotherapies for methamphetamine dependence.

Stoops WW, Lile JA, Glaser PEA, Hays LR, Rush CR (2010). Intransasal Cocaine Functions as Reinforcer on a Progressive Ratio Schedule in Humans. *European Journal of Pharmacology*, 64 (2010), page 101-105.

Hays, L.R., "Handbook of the Medical Consequences of Alcohol and Drug Abuse." *American Journal on Addiction*, 19:465, 2010.

Rush, C.R., Stoops, W.W., Sevak, R.J., and Hays, L.R., "Cocaine Choice in Humans During d-Amphetamine Maintenance." *Journal of Clinical Psychopharmacology*, 30, 152-159.

Stoops, WW, Lile, J.A., Glaser, P.E.A., Hays, L.R., and Rush, C.R., "Intranasal cocaine functions as a reinforce on a progressive ratio schedule in humans. *European Journal of Pharmacology*, 644 (2010), 101-105.

Rush, C., Stoops, W., Lile, J., Glaser, P. and Hays, L., "Subjective and Physiological Effects of Acute Intranasal Methamphetamine Druing d-Amphetamine Maintenance. *Psychopharmacology*, 2010.

Shannon, L.M., Havens, J.R., and Hays, L., "Examining Differences in Substance Use Among Rural and Urban Pregnant Women," *The American Journal on Addictions*, 1055-0496, 2010.

Rush, C., Stoops, W.W., Sevak, R., and Hays, L., "Cocaine Choice in Humans During D-Amphetamine Maintenance." *Journal of Clinical Psychopharmacology*, Volume 30, Number 2, April 2010

Rush, C., Stoops, W.W., Lile, J.A., Glaser, P., and Hays, L., "Subjective and Physiological Effects of Acute Intranasal Methamphetamine During D-Amphetamine Maintenance." Psychopharmacology, 214:665-674, 2011

Rush, C., Stoops, W.W., Lile, J.A., Glaser, P., and Hays, L., "Physiological and Subjective Effects of Acute Intranasal Methamphetamine During Atomoxetine Maintenance." Pharmacology, Biochemistry, and Behavior Journal, 0091-3057, 2011

Sevak, R., Vansickel, A., Stoops, W.W., Glaser, P., Hays, L., and Rush, C., "Discriminative-Stimulus, Subject-Rated, and Physiological Effects of Methamphetamine in Humans Pretreated with Aripiprazole." Journal of Clinical Psychopharmacology, Volume 31, Number 4, August 2011

Stoops, W.W., Lile, J.A., Glaser, P., Hays, L., and Rush, C., "Intranasal Cocaine Functions as Reinforcer on a Progressive Ratio Schedule in Humans." European Journal of Pharmacology, 0014-2999, 2010

William Heffron, M.D.

Recent Publications:

Bidmon, J., Yellow Eagle Cadue, P., Enniss, K., Heffron, W., Moffitt, L., Nguyen, T., Sarette, R., Shafer, E., Unger, S., Waid, S. and Wirscham, M. "Juvenile Probation Officers Call for a New Response to Teen Drug and Alcohol Use and Dependency," The Journal of the American Probation and Parole Association – Perspectives, 31(4): 28-43, 2007.

Heffron, William M. "Kentucky's Juvenile Mental Health Services Evolve," Corrections Today, 72(3): 66-68, 2010.

Heffron, W, Babalonis, S, Staton-Tindall, M, Molenaar L, Lommel, K, Kazura, S, House, K, Martin, C. A Biological/Genetic Perspective: The Addicted Brain in Editors: Leukefeld C; Gullotta T; Gregrich J in Handbook of Evidence-Based Substance Abuse Treatment in Criminal Justice Settings; New York: Springer 2011

Debra Katz, M.D.

Professor of Psychiatry and Neurology
Vice Chair for Education
Child and Adolescent Psychiatrist
Psychoanalyst

Recent Grants:

Clark J (PI), Sprang G (Co-PI), Katz D (Co-PI): Breaking the Cycle of Child Maltreatment. Funded by the Cabinet for Health and Family Services, Eastern Kentucky University Subaward #452143-11-174, 2011-12 (\$162,216).

Sprang G (PI), Clark J (Co-PI), Katz DA (Consultant): Comprehensive Assessment and Training Services Project. Funded by the Cabinet for Health and Family Services, July 1, 2011 - June 30, 2012 (\$858,000).

Clark J (PI), Kaak HO (Co-PI), Katz D (Co-PI): Breaking the Cycle of Child Maltreatment. Funded by the Cabinet for Health and Family Services, Eastern Kentucky University Subaward #452143-11-174, 2010-11 (\$162,216).

Sprang G (PI), Clark J (Co-PI), Katz DA (Consultant): Comprehensive Assessment and Training Services Project. Funded by the Cabinet for Health and Family Services, July 1, 2010 - June 30, 2011 (\$858,000).

Recent Publications:

Gillen M, Segress M, Clark J, Sprang G, Otis M, Katz D, Hoffman K: A three-dimensional perspective on child abuse prevention. National Council on Family Relations Report. 2008; 53 (4), F12, F13, F20.

Sprang G, Katz DA, Cooke C: Allostatic load: Considering the burden of cumulative trauma on children in foster care. *Journal of Child and Adolescent Trauma* 2009; 2: 242-252.

Katz DA, Kaplan M: Can Psychiatry Residents be attracted to analytic training? A survey of five residency programs. *Journal of the American Psychoanalytic Association* 2010; 58: 927-952.

Katz DA, Tuttle J, Housman BT: Psychiatry residents and dynamic psychiatry: Two narratives, a survey and some ideas to enhance recruitment. *The Journal of the American Academy of Psychoanalysis and Dynamic Psychiatry* 2011; 39: 133-150 (invited article).

Katz DA, Sprang G, Cooke C: Allostatic load and childhood maltreatment in infancy. *Clinical Case Studies* 2011; 10:159-172.

Katz DA, Kaplan M, Stromberg S: A national survey of psychoanalytic candidates: I. Demographics, practice patterns and satisfaction with training. *Journal of the American Psychoanalytic Association* (in press).

Katz DA, Kaplan M, Stromberg S: A national survey of psychoanalytic candidates: II. Motivations and obstacles. *Journal of the American Psychoanalytic Association* (under review).

Katz DA: The First Teichner Scholar Visit: Views from the Program. *Academy Forum*; 2009: 6-8.

Katz DA: Afterword for *When Animals Die: Saying Goodbye*, by Jon Katz (popular author, no relation), (Random House, 2011).

Recent Presentations:

Katz, DA, Kaplan M: Candidates of the Future: What About Psychiatry Residents? Presented at The American Psychoanalytic Association meeting, January 18, 2008, New York, NY.

Katz, DA: Becoming a Psychiatrist: What Influences Us? Presented at the PsychSIGN (Psychiatry Student Interest Group Network) conference at the American Association of Directors of Psychiatry Residency Training (AADPRT) meeting, March 2008, New Orleans, LA.

Katz, DA: Thinking About Psychiatry Residency Training? Workshop for Third Year Students. Presented at the PsychSIGN (Psychiatry Student Interest Group Network) conference at the American Psychiatric Association meeting, May 2008, Washington, DC.

Katz, DA, Kaplan M: Psychiatric Residents' Attitudes Towards and Knowledge of Psychodynamic Psychotherapy. Presented at The American Academy of Psychoanalysis and Dynamic Psychiatry (AAPDP) meeting, May 2008, Washington, DC.

Katz DA: Teichner Scholar Visit: Resident and Program Perspectives. Presented at The American Academy of Psychoanalysis and Dynamic Psychiatry (AAPDP) meeting, May 2009, San Francisco, CA.

Katz DA: Problem Physicians: A Psychiatric Perspective. Presented at course on "PUMP: The Pathologist of Unidentified Malignant Potential: Understanding and Working with Difficult Colleagues" at College of American Pathologists (CAP) meeting, September 2008, San Diego, CA.

Katz DA, Fox G, Anderson S: What Do We Want Candidates to Learn When We Teach Child Development? Presented at the International Psychoanalytical Association (IPA) meeting, July 2009, Chicago, IL.

Katz DA: Problem Physicians: A Psychiatric Perspective. Presented at course on “PUMP: The Pathologist of Unidentified Malignant Potential: Understanding and Working with Difficult Colleagues” at College of American Pathologists (CAP) meeting, October 2009, Washington, DC.

Katz DA: Problem Physicians: A Psychiatric Perspective. Presented at course on “PUMP: The Pathologist of Unidentified Malignant Potential: Understanding and Working with Difficult Colleagues” at College of American Pathologists (CAP) meeting, September 2010, Chicago, IL.

Alfonso C, Downey JI, Katz DA, Katz-Bearnot S, Olarte S: Using Psychodynamic Understanding to Improve Patient Care. Presented at American Psychiatric Association (APA) Institute for Psychiatric Services (IPS) meeting, October 2010, Boston, MA.

Cabaniss D, Katz D, Downey J, Stovall J, Katz-Bearnot S, Beresin E, Yoo T: Keeping psychodynamics alive in residency programs – the Teichner Scholars program and beyond. American Association of Directors of Psychiatry Residency Training (AADPRT) meeting, March 2010, Austin, TX.

Katz, DA, Kaplan M: Motivations and obstacles for psychoanalytic candidates: Results of a national survey. Presented at The American Psychoanalytic Association meeting, January 2011, New York, NY.

Katz DA: Inspiring interest in psychodynamic psychiatry and psychoanalysis: National survey data and implications for the future. Presidential Lecture (invited keynote address). The American Academy of Psychoanalysis and Dynamic Psychiatry (AAPDP) meeting, May 2012, Philadelphia, PA.

Katz DA: Attachment in Middle Childhood: The Child Attachment Interview. Presented at Comprehensive Assessment and Training Services conference, February 2009, Lexington, KY.

Katz DA: Pathways and Careers in Psychiatry. Presented at Psychiatry Student Interest Group Network (PsychSIGN) meeting, University of Kentucky College of Medicine, February 16, 2011, Lexington, KY.

Katz DA: Psychodynamic Approach to Delusions. Presented at Peer Review Conference, Department of Psychiatry, University of Kentucky College of Medicine, September 21, 2011, Lexington, KY.

Katz DA: Introduction to Psychiatry. Presented at Psychiatry Student Interest Group Network (PsychSIGN) meeting, University of Kentucky College of Medicine, October 21, 2011, Lexington, KY

Michelle Lofwall, M.D.

UK Outpatient Adult Psychiatrist
Clinical Researcher in Substance Abuse

Interests: opioids addiction treatment, physician education on treatment and prevention of substance use disorders, and abuse liability of prescription opioids

Research Opportunities:

- Direct and guide write-up of case reports or literature reviews related to addiction
- Clinical trial with drug development: observe study sessions, opioid withdrawal evaluations if able to follow a patient while they reside on the CR-DOC for up to two weeks, evaluate and write up cortisol and pain data

Recent Publications:

Walsh, S.L., Nuzzo, P.A., Lofwall, M.R., Holtman, J. The relative abuse potential of oxycodone, hydrocodone and hydromorphone assessed in prescription opioid abusers. *Drug and Alcohol Dependence*. 2008 Dec 1;98(3):191-202. PMID: PMC2668197

Lofwall, M.R., Schuster, A., Strain, E.C. Changing profile of abused substances by older persons entering treatment. *The Journal of Nervous and Mental Disease*. 2008 Dec;196(12):898-905. PMID: PMC2771560

Lofwall, M.R., Wunsch, M., Walsh, S.L. Pharmacy Willingness to Partner with Office-based Opioid Dependence Treatment Providers in Conducting Random Buprenorphine Pill Counts. *American Journal on Addictions*. 2010 Mar 1;19(2):195-6

Mintzer, M., Lanier, R., Lofwall, M.R., Bigelow, G.E., Strain, E.C. Effects of repeated tramadol and morphine administration on psychomotor and cognitive performance in opioid-dependent volunteers. *Drug and Alcohol Dependence*. 2010 Oct 1;111(3):265-8. PMID: PMC2950255

Lofwall, M.R. and Walsh, S.L. Clinical Challenges in Managing Buprenorphine Diversion. *Journal of Addiction Medicine*. 2010 Dec 4(4):243

Stoops, W., Hatton, K. Lofwall, M.R., Nuzzo, P., Walsh, S.L. Intravenous Oxycodone, Hydrocodone and Morphine in Recreational Opioid Users: Abuse Potential and Relative Potencies. *Psychopharmacology*. 2010 Oct;212(2):193-203. PMID: PMC2939200

Lanier, R., Lofwall, M.R., Mintzer, M., Bigelow, G.E., Strain, E.C. Physical dependence potential of daily tramadol dosing in humans *Psychopharmacology*. 2010 Sep;211(4):457-66. PMID: PMC3028382

*Miller, S., Walsh, S.L., Lofwall, M.R. Letter to the Editor. Pharmacy willingness to help detect prescription opioid analgesic misuse and diversion. *Journal of Kentucky Medical Association*. 2011. Jan;109:15-16.

Havens, J.R., Oser, C.B., Knudsen, H., Lofwall, M.R., Stoops, W.W., Walsh, S.L., Leukefeld, C.G., Kral, A.H. Individual and network factors associated with non-fatal overdose among rural appalachian drug users. *Drug and Alcohol Dependence*. 2011 May 1;115(1-2):107-12. PMID: PMC3056907

Middleton, L., Nuzzo, P.A., Lofwall, M.R., Moody, D.E., Walsh, S.L. The pharmacodynamic and pharmacokinetic profile of intranasal crushed buprenorphine and buprenorphine/naloxone tablets in opioid abusers *Addiction*. 2011 Aug;106(8):1460-73 PMID pending.

Lofwall, M.R., Moody, D.E., Fang, W., Nuzzo, P.A., Walsh, S.L. Pharmacokinetics of crushed intranasal OxyContin and intravenous oxycodone in prescription drug abusers. *Journal of Clinical Pharmacology*. 2011 May 24 (Epub ahead of print). PMID pending

Lofwall, M.R., Wunsch, M., Nuzzo, P.A., Walsh, S.L. Efficacy of Continuing Medical Education to Reduce the Risk of Buprenorphine Diversion. *Journal of Substance Abuse Treatment*. 2011.Oct;41(3):321-329.

Kircher, S., Zacny, J., Apfelbaum, S.M., Passik, S., Kirsch, K., *Burbage, M.A. and Lofwall, M.R. Understanding and treating opioid addiction in a patient with cancer pain. 2011. *Journal of Pain* Oct; 12(10):1025-31.

Recent Presentations:

*Quigley, J., Knudsen, H., Lofwall, M.R. Substance Use Characteristics and Treatment Perceptions Among Opioid Dependent Pregnant Women Initiating Methadone Treatment. American Academy of Addiction Psychiatry Annual Meeting. December 2011. (Scottsdale, Arizona)

*Babalonis, S., Nuzzo, P.A., Walsh, S.L., Lofwall, M.R., Clinical correlates of spontaneous withdrawal from prescription opioids. College on Problems of Drug Dependence. June 2011 (Hollywood, Florida)

Havens, J., Lofwall, M.R., Leukefeld, C. Individual and network determinants of buprenorphine misuse among rural prescription opioid users. College on Problems of Drug Dependence. June 2011 (Hollywood, Florida)

Lofwall, M.R., Nuzzo, P.A., Walsh, S.L. Aripiprazole effects on cocaine pharmacodynamics and cocaine self-administration in humans. College on Problems of Drug Dependence. June 2011 (Hollywood, Florida)

S.L. Walsh, M.A. Heilig, P.A. Nuzzo, M.R. Lofwall. Effects of the NK-1 antagonist, aprepitant, on response to oxycodone in humans. College on Problems of Drug Dependence. June 2011 (Hollywood, Florida)

M.R. Lofwall, M. Wunsch, S. L. Walsh. Efficacy of Continuing Medical Education for Promoting Physician Practices Aimed at Decreasing Buprenorphine Misuse and Diversion. College on Problems of Drug Dependence. June 15, 2010 (Scottsdale, Arizona)

M.R. Lofwall, S.L. Walsh, Wunsch, Nuzzo, Henderson, Longo, Miller, VanZee, Longo, Anderson, Page, K. Buprenorphine Diversion and Misuse: How to Protect Your Office-based Opioid Addiction Practice. AAMC Integrating quality: Clinical and educational excellence conference. June 5, 2010 (Chicago, IL)

L.S. Middleton, P.A. Nuzzo, M.R. Lofwall, D.E. Moody, M.J. Wunsch, S.L. Walsh
Pharmacodynamic and pharmacokinetic profile of crushed intranasal Suboxone® and Subutex® in sporadic opioid abusers College on Problems of Drug Dependence. June 2010 (Scottsdale, Arizona)

S.L. Walsh, L.S. Middleton, M.J. Wunsch, P.A. Nuzzo, M.R. Lofwall Pharmacodynamic Effects of Crushed Intranasal Buprenorphine and Buprenorphine/Naloxone Tablets in Non-dependent Opioid Users. American College on Neuropsychopharmacology. December 2009 (Hollywood, Florida)

Lofwall, M.R., Moody, D., Nuzzo, P., Fang, W., Walsh, S.L. Pharmacokinetics of crushed intranasal Oxycontin in non-dependent prescription opioid users. College on Problems of Drug Dependence. June 2009 (Reno/Sparks, Nevada)

Middleton, L. Lofwall, M.R., Nuzzo, P.A., Walsh, S.L. Safety of oral aripiprazole alone and in combination with intravenous cocaine in humans. College on Problems of Drug Dependence. June 2009 (Reno/Sparks, Nevada)

Rush, C.R., Stoops, W.W., Lile, J.A., Lofwall, M.R., Hays, L.R. Aripiprazole as a Pharmacotherapy for Cocaine Dependence. American Academy of Addiction Psychiatry. December 2008 (Boca Raton, Florida)

Lofwall, M.R., Nuzzo, P.A., Tuttle, J.P., Walsh, S.L. Effects of cold pressor pain on cortisol stress response and abuse liability of intranasal Oxycontin® in non-dependent prescription opioid abusers. College on Problems of Drug Dependence. June 2008 (Puerto Rico)

Mintzer, M.Z., Bigelow, G.E., Lanier, R.K., Lofwall, M.R., Strain, E.C. Effects of repeated tramadol and morphine administration on psychomotor and cognitive performance in opioid-dependent volunteers. College on Problems of Drug Dependence. June 2008 (Puerto Rico)

Lanier, R.K., Mintzer, M.Z., Lofwall, M.R., Bigelow, G.E., Strain, E.C.. Assessment of the level of physical dependence and blockade efficacy produced by tramadol. College on Problems of Drug Dependence. June 2008 (Puerto Rico)

Current Contracts and Grant Awards:

Efficacy of Extended Release Tramadol for Treating Prescription Opioid Withdrawal
National Institute on Drug Abuse (NIDA) R01 DA027068 P.I. = M.R. Lofwall
08/15/09-09/01/12

Postmarketing Abuse Surveillance of Buprenorphine Products
CRS, Associates P.I. = M.R. Lofwall
09/01/07-01/30/12

Licit & Illicit Opioids: Comparative Studies in Humans
NIDA R01 DA016718 P.I. = S.L. Walsh (co-investigator/medically responsible physician)
07/10/04-06/30/15

Central States Criminal Justice Drug Abuse Center
NIDA 5U01DA016205-09 P.I. =C. Leukefeld (Lofwall: co-investigator)
9/30/02 – 8/31/12

Neuropharmacology of Tramadol: Clinical Efficacy and Abuse Potential
NIDA R01 DA025649 P.I. = W. Stoops (Lofwall: co-investigator/medically responsible physician)
07/1/2009 - 06/30/2012

Karen M. Lommel, D.O., M.H.A., M.S.

Director, Child & Adolescent Psychiatry Consultation/Liaison
Service, Kentucky Children's Hospital
Director, Child and Adolescent Medico-Psych Clinic (ChAMPs)

Interests: Psycho-oncology; PTSD, pain, anxiety and depression with medical trauma; chronic illness; technology in medicine

Research Opportunities:

- Assist with recruitment of participants into studies
- Assist with writing manuscripts
- Writing and publishing a case study

Catherine Martin, M.D.

Division Chief, Child and Adolescent Psychiatry
Adult and Child/Adolescent Psychiatrist

Interests: Biological Markers for High-Risk Behaviors in Adolescents; Substance Abuse; ADHD; Adolescent Smoking and Smoking Interventions

Opportunities:

Modafinil and Smoking Cessation (MASC; PI Martin), This study is investigated whether modafinil is a smoking cessation aid with particular interest in the effects of modafinil on appetite, concentration and craving during nicotine withdrawal. Data is being analyzed and *resident collaboration in writing up results is encouraged.*

Mental Health Smoking Cessation Clinic (Attending: Martin): Initiating intervention for smoking cessation in Outpatient Clinic. Developing ways to track nicotine dependence and withdrawal, changes in smoking behaviors and how mental health impacts on cessation efforts. Pharmacologic, individual and family interventions are being explored. *Resident collaboration is encouraged.*

Residents are encouraged to “co-review” manuscripts for journals.

Recent Publications:

Babalonis S, Emurian CS, Martin CA, Lile JA, Kelly TH. Modulation of the discriminative stimulus effects of triazolam across the menstrual cycle phase in healthy pre-menopausal women. *Drug Alcohol Depend.* 2008 Apr 1;94(1-3):276-80.

Martin, C.A., Cook, C., Woodring, J.H., Burkhardt, G., Guenther, G., Omar, H.A., and Kelly, T.H. Caffeine use: association with nicotine use, aggression, and other psychopathology in psychiatric and pediatric outpatient adolescents. *The Scientific World JOURNAL: Child Health and Human Development.* May 2008, 8:512-516

Fillmore, M. T., Ostling, E. W., Martin, C. A., and Kelly, T. H. Acute effects of alcohol on inhibitory control and information processing in high and low sensation-seekers. *Drug and Alcohol Dependence*; 100 (2009) 91–99.

Stoops WW, Dallery J, Fields NM, Nuzzo PA, Schoenberg NE, Martin CA, Casey B, Wong CJ. An Internet- based abstinence reinforcement smoking cessation intervention in rural smokers. *Drug Alcohol Depend.* (2009)105(1-2):56-62.

Kelly TH, Delzer TA, Martin CA, Harrington NG, Hays LR, Bardo MT. Performance and subjective effects of diazepam and d-amphetamine in high and low sensation seekers. *Behav Pharmacol.* (2009) 20(5-6):505-17

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Adolescent Substance Abuse Prevention: Evidenced-Based Practice Approaches to Prevention and Treatment. *Adolescent Substance Abuse: Identification and Early Intervention*; for the Child and Family Agency of Southeastern Connecticut, Inc. Hartford Connecticut. April 1, 2010

Recent Presentations:

Martin C Diagnosis and Treatment of Substance Use Disorders, 35th Annual AACAP Review Course April 21-24, 2010

Babalonis S, Lile JA, Martin CA, Kelly TH. Progesterone modulation of the discriminative stimulus effects of triazolam. College of Problems of Drug Dependency, PDD 72nd Annual Scientific Meeting, Scottsdale, AZ, June 12-27, 2010.

Martin CA, Guenther G, House K, Beck B, Chamigo R, Lile J, Kelly T. Modafinil effects on smoking cessation: A clinical trial. College of Problems of Drug Dependency, 72nd Annual Scientific Meeting, Scottsdale, AZ, June 12-17, 2010.

Lee DC, Lile JA, Robbins G, Martin CA, Kelly TH. Marijuana self-administration under a modified progressive-ratio procedure: Effects of marijuana use history. College of Problems of Drug Dependency, 72nd Annual Scientific Meeting, Scottsdale, AZ, June 12-27, 2010.

Kelly TH, Babalonis S, Emurian C, Corbly CR, Martin CA, Weremeling DF, Joseph JE, Lile JA. Neurobehavioral effects of intranasal d-amphetamine. College of Problems of Drug Dependency, 72nd Annual Scientific Meeting, Scottsdale, AZ, June 12-27, 2010.

Martin C. Lighting a Fire under Adolescent Smoking Cessation. Crime and Substance Abuse: Evidence-based Approaches to Reduce Recidivism for the CHILD & FAMILY AGENCY of Southeastern Connecticut, Inc. April 29, 2011

Martin C. From Pharmacology to Family: Psychiatrist Desperately Seeking Smoking Cessation. Maine Psychiatric Grand Rounds, May 10, 2011

Lee, Dustin C, Lile, JA, Robbins, CG, Martin, CA, Kelly, TH. Marijuana Self-Administration In High – And – Low Impulsive Sensation Seekers Using A Modified Progressive – Ratio Procedure. College of Problems of Drug Dependency, 73rd Annual Scientific Meeting, Hollywood Fla, June 18-23, 2011.

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Martin C, Pharmacotherapeutic Interventions in Adolescent Substance Abuse in Institute 1: Advances in Treatment: Implications for Clinical Practice at American Academy of Child and Adolescent Psychiatry and Canadian Academy of Child and Adolescent Psychiatry Joint Meeting Toronto, Canada, October 18, 2011

Martin, C. Understanding and Managing ADD & ADHD. Advances in Pharmacy Practice, Annual Fall Conference, October 15-17, 2010, Lexington, KY.

Martin, C. Lighting a Fire Under Smoking Cessation; Hunter Presbyterian Church, December 1, 2010.

Anderson HM, Martin C, Obrycki J. Faculty Development: Promotion and Tenure (P&T); University of Kentucky, December 1, 2010.

Wright LB, Martin C, Obrycki J. Promotion and Tenure Lite...just the basics, to get started on the right path! University of Kentucky, December 8, 2011

Current Grant Funding:

2 P50 DA05312-16 (Kelly) 09/30/1992 – 06/30/2012 0.6 person months
NIH/NIDA \$668,388

Drug Abuse Liability and Sensation-Seeking Status

The goal of this project is to investigate individual differences in sensation-seeking status as a predictor of the behavioral effects of drugs with abuse liability, including their reinforcing, discriminative stimulus and performance effects.

K12DA000357; PAR-02-076) (Riggs) 9/15/2009 – 5/31/2014 0.6 person months
NIDA \$5,698,934

AACAP Physician Scientist Program in Substance Abuse

This builds on the previous award by training 6 more child and adolescent psychiatry career investigators in the area of Substance Abuse. Catherine Martin serves as the Chair of the Advisory Committee and a mentor.

NIDA: Intranasal Naloxone: An Opioid Overdose Antidote. PI: Catherine Martin. 7/2010-6/2012. Total funding: \$1,451,714 (UK portion \$430,055). This study is developing and testing a nasally-delivered naloxone nasal spray for opiate overdose, including Oxycontin. Dr. Martin will be involved in the pilot bioavailability study in healthy human volunteers in Year 2. The intent is to develop a rapid-acting, interventional medication intended to acutely reverse the effects of prescription (e.g., Oxycontin) and illicit opioids (e.g., heroin) without the need for injection. **Resident collaboration is encouraged.**

2 T32 DA0007304-11 (Garrity) 08/01/09-06/30/13 0.0 person months
NIDA \$275,539

Research Training in Drug Abuse Behavior

This program is designed to prepare trainees to assume research responsibilities in academic, and other scientific organizations concerned with drug abuse and the behavioral aspects of health and medical care

John Ranseen, Ph.D.

Current Clinical Projects:

Relationship between adverse childhood events and ADHD (in adults).

Cognitive profiles on the RBANS in adult ADHD.

Malingering on adult ADHD evaluations.

Recent Publications:

Tuttle, J., Scheurich, N. & Ranseen, J.D. (2010). Prevalence and attitudes concerning ADHD diagnosis and use of stimulant medication in medical students. Academic Psychiatry, 34, 220-223.

Sollman, M.J., Berry, D.T.R. & Ranseen, J.D. (2010). Detection of feigned ADHD in college students. Psychological Assessment, 22, 325-335.

Ivanchak N., Carr, S.A., Abner, E.L., Freeman, S.J., Seybert, A., Ranseen, J.D. & Gicha G.A. (2011). Attention-Deficit/ Hyperactivity Disorder in childhood is associated with cognitive test profiles in the geriatric population but not with mild cognitive impairment or Alzheimer's disease. Journal of Aging Research, 2011, 1-7.

Martin, G. & Ranseen, J. (2011). Nonpharmacological treatment of behavior problems in persons with dementia. In (A. Nair & M. Sabbagh (Eds). Geriatric Neurology, Pearson.

Jasinski, L.J. & Ranseen, J.D. (2011). Malingered ADHD evaluations: a further complication for accommodation reviews. The Bar Examiner, 80, 6-16.

Jasinski, L.J., Harp, J.P., Berry, D.T.R., Shandera-Ochsner, A., Mason, L.H., & Ranseen, J.D. (In press). Using Symptom Validity Tests to Detect Malingered ADHD in College Students. The Clinical Neuropsychologist.

Houchin, T.M., Ranseen, J., Hash, P.A.K., Barnicki, D.J. (In press). Parental alienation debate belongs in courtroom, not in DSM-V. Journal of the American Academy of Psychiatry and the Law.