

ANGER RESEARCH STUDIES

Is anger a problem for you? Are you quick to act on your anger? Is it creating trouble at home, at work, or with friends? If so, you may have an anger problem called Intermittent Explosive Disorder (IED) and may be eligible to take part in our research studies.

Anger Drug Study (Flu/Dep): In this study, we are testing men and women, ages 21 to 55 years old to see if Fluoxetine (Prozac) or Divalproex (Depakote) compared to placebo can reduce the symptoms of Intermittent Explosive Disorder (IED). This study will require weekly visits for four months. *Principal Investigator: Emil Coccaro, M.D.*

FMRI of the Anger Drug Study: In this study, we are testing men and women, ages 21 to 55 years old to see if Fluoxetine (Prozac), Divalproex (Depakote), or placebo (a sugar pill) can reduce the symptoms of IED. The imaging portion of this study is only open to people enrolled in the full Flu/Dep study. This study will require 2 sessions of up to 4 hours each scheduled approximately 14 weeks apart. *Principal Investigator: Emil Coccaro, M.D.*

Psychotherapy for Anger Study: In this study we are providing men and women, ages 18-55, 12 session psychotherapy to see if two different types of anger management therapy can reduce the symptoms of Intermittent Explosive Disorder (IED) and impulsive, aggressive behavior. Participation in this study will require 16 visits over approximately four months of time and 3 follow-up visits at three months, six months, and 12 months post-treatment. *Principal Investigator: Michael McCloskey, Ph.D.*

Vasopressin/Oxytocin Study: The objective of this study is to validate the function of brain vasopressin and oxytocin receptors in human aggression. Both of these drugs are FDA approved and being used to treat nighttime bed-wetting (vasopressin) and to stimulate labor or breast-feeding (oxytocin). The study is recruiting men and women, healthy and those with symptoms of IED, ages 18-55, willing to participate in 5 visits over a 2-month period. *Principal Investigator: Royce Lee, M.D.*

Social Information Processing: This study is investigating how individuals with aggression problems differ from those without by comparing how social interactions are interpreted. Subjects will be between 21-55, and be healthy or have IED. The study requires 3-4 visits over 2-8 months (total time commitment about 10 hours). *Principal Investigator: Emil Coccaro, M.D.*

BORDERLINE PERSONALITY DISORDER RESEARCH STUDIES

Do you feel like you're on an emotional rollercoaster? Have your relationships been stormy? Do you get angry and irritable frequently? If so, you may be suffering from Borderline Personality Disorder and may be eligible to take part in our research studies.

Benzodiazepine Study: This study is investigating how the brains of men and women ages 21-50 differ in their sensitivity to benzodiazepine drugs while in a brain scanner. This study will require 2 sessions, up to 4 hours each, scheduled approximately 1 week apart. If participants have never been involved in a research study at the CNPRU previously, an additional 3-hour visit will be scheduled first for a diagnostic interview. *Principal Investigator: Royce Lee, M.D.*

PERSONALITY DISORDER RESEARCH STUDIES

Does your personality cause you problems? People with a personality disorder can have a lifelong history of trouble with "moodiness," relationship problems, and impulsiveness. If this sounds like you, you may have a personality disorder and maybe eligible to take part in our research studies.

Intranasal CRF: The purpose of this study is to increase our understanding of the role of corticotrophin releasing factor in human behavior. We are specifically interested in the effects of these hormones on attention. This study involves a series of 4 visits over a one to two month period for subjects between the ages of 21 and 55. *Principal Investigator: Royce Lee, M.D.*

The University of Chicago

DEPARTMENT OF PSYCHIATRY

CLINICAL NEUROSCIENCE &

PSYCHOPHARMACOLOGY

RESEARCH UNIT

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HEALTHY VOLUNTEER STUDIES:

If you are a healthy adult man or woman and have no prior history of any psychiatric illness, neurological disorders, or problems with drugs or alcohol, you may be eligible to take part in our research studies.

Vasopressin/Oxytocin Study: The objective of this study is to validate the function of brain vasopressin and oxytocin receptors in human aggression. Both of these drugs are FDA approved and being used to treat nighttime bed-wetting (vasopressin) and to stimulate labor or breast-feeding (oxytocin). The study is recruiting men and women, healthy and those with symptoms of IED, ages 18-55, willing to participate in 5 visits over a 2-month period. *Principal Investigator: Royce Lee, M.D.*

Intranasal CRF: This study will test the effect of an intranasal challenge with CRH (Corticotrophin-Releasing Hormone) vs. Placebo on measures of emotional informational processing known to be abnormal in depression. We are specifically interested in the effects of these hormones on attention. We will be testing men and women between the ages of 18-55 who are currently non-depressed but have a lifetime history of depression and those without any history of depression. The study requires a total of 4 visits over a 2-month period. *Principal Investigator: Royce Lee, M.D.*

Social Information Processing: This study is investigating how individuals with aggression problems differ from those without by comparing how social interactions are interpreted. Subjects will be between 21-55, and be healthy or have IED. The study requires 3-4 visits over 2-8 months (total time commitment about 10 hours). *Principal Investigator: Emil Coccaro, M.D.*

The Effect of Oxytocin on a Competitive Computer Task : This study will test the effect of a single dose of intranasal oxytocin vs. placebo on self aggressive behavior. Subjects will be between 18-50 who are currently non-depressed but with a lifetime history of depression. The study requires a total of two (2) visits over a 2 week period of time. *Principle Investigator: Royce Lee, M.D.*

Genetics of Vulnerability to Antisocial Behavior (Chicago Twin Study): If you are a twin between the ages of 18-55 years old, and you and your twin sibling both live in the Chicago land area, you may be eligible to participate in a twin study. This study is designed to see how certain behaviors run in twin pairs. The study requires a single visit of six to eight hours. *Principle Investigator: Kristen Jacobson, PhD*

Principle Investigators

- **Emil Coccaro, M.D.**
Director CNPRU & Professor of Psychiatry
Chairman, Department of Psychiatry
Neurobiology, lab measures, neuroimaging, and psychotherapy in aggression, impulsive aggression and self-aggression.
- **Royce Lee, M.D.**
Associate Director of CNPRU
Assistant Professor of Psychiatry
Primary research interests are the effects of early life trauma and the neurobiology of personality disorders.
- **Michael McCloskey, PhD.**
Assistant Professor of Psychiatry
Primary research interests are the etiology of aggression and psychotherapy and lab measures for self- and other-directed aggression
- **Kristen Jacobson, PhD.**
Assistant Professor of Psychiatry
Associate Director of Twin Projects, CNPRU
Primary research interests are in genetics and environmental influences.

** Some of the drugs being studied are not FDA approved for the uses being studied***



CNPRU

The Clinical Neuroscience and Psychopharmacology Research Unit

Is a clinical research group in the University of Chicago's Department of Psychiatry. CNPRU is directed by Dr. Emil Coccaro and assisted by a team of research associates, all of whom have a long and distinguished history in researching the psychological & physiological causes of aggression, as well as mood, anxiety, personality, and other brain disorders. Healthy volunteers are also welcome to participate. We provide monetary compensation to study volunteers for their time & participation. Transportation costs are also reimbursed.

Location: The CNPRU is located at the University of Chicago, Wvler Children's

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You can also visit us on the web at

<http://psychiatry.uchicago.edu/cnpru>