

# Curriculum Vitae

## EMIL F. COCCARO, M.D.

**Date of Birth:** July 15, 1954  
**Citizenship:** U.S.A.  
**Marital Status:** Married, three children.

**Current Position:** George T. Harding, III, M.D., Endowed Professor (With Tenure)  
Department of Psychiatry and Behavioral Health  
The Ohio State University Wexner Medical Center

**Business Address:** Department of Psychiatry and Behavioral Health  
The Ohio State University Wexner Medical Center  
1670 Upham Drive  
Columbus, OH 43210  
(773) 852-1338 (Cell)  
**emil.coccaro@osumc.edu** (E-Mail)

### Education and Training:

**College:** Fordham College - B.S., Biology, Magna Cum Laude, In  
Cursu Honorum (Chemistry), 1975.

**Medical School:** New York University School of Medicine - M.D., 1979.

**Residency:** Internship, Internal Medicine,  
University of Cincinnati Medical Center, 1979-1980.

Psychiatry Residency, Adult Psychiatry  
The Mount Sinai Medical Center (New York), 1980-1983

**Post-Residency:** 38<sup>th</sup> Annual Short Course in Medical and Experimental Genetics, The  
Jackson Laboratory, Bar Harbor, ME, July 15-26, 1997.

10<sup>th</sup> International Workshop on Methodology of Twin and  
Family Studies, Institute for Behavioral Genetics,  
University of Colorado, CO, March 2-6, 1998.

Functional Magnetic Resonance Imaging (fMRI): An Introductory  
Course, Medical College of Wisconsin,  
Milwaukee, WI, June 10-12, 1999.

Leadership Development for Physicians in Academic Health Centers, Harvard School of Public Health, Boston, MA, October 14-26, 2001.

AAMC Executive Development Seminar for Associate Deans And Department Chairs, Fort Lauderdale, FL, October 7-11, 2005.

Program for Chiefs of Clinical Service, Harvard School of Public Health, Boston, MA, January 15-26, 2006.

Evaluation and Management of Faculty: Workshop; Academic Impressions, Denver CO, June 14-16, 2010.

**Medical Licensures:**

Ohio, 2020 (4/10/20: # 35.139196).  
Illinois, 1999 (6/4/99: # 036-100287).  
Pennsylvania, 1989 (8/29/89: # MD-044538-E).  
New York, 1980 (9/19/80: # MD-143591).

**Specialty Certification:**

Psychiatry (Adult, General)  
American Board of Psychiatry and Neurology.  
Certification #: 27306, November, 1985.

**Academic Appointments:**

George T. Harding, III, M.D., Endowed Professor (With Tenure)  
Department of Psychiatry and Behavioral Health  
The Ohio State University Wexner Medical Center, 2020-

Ellen C. Manning Professor (With Tenure),  
Department of Psychiatry and Behavioral Neuroscience,  
University of Chicago, 2004-2020

Professor,  
Department of Psychiatry and Behavioral Neuroscience,  
University of Chicago, 1999-2004

Professor,  
Department of Psychiatry,  
MCP Hahnemann School of Medicine, 1995-99.

Associate Professor,  
Department of Psychiatry,  
MCP Hahnemann School of Medicine, 1989-95.

Assistant Professor, Department of Psychiatry,  
Mount Sinai School of Medicine, 1986-1989.

Instructor, Department of Psychiatry  
Mount Sinai School of Medicine, 1983-1986.

**Administrative Positions:** Vice-Chair of Research  
Department of Psychiatry and Behavioral Health  
The Ohio State University Wexner Medical Center, 2020-

Director,  
Clinical Neuroscience & Psychotherapeutics Research Unit,  
Department of Psychiatry and Behavioral Health  
The Ohio State University Wexner Medical Center, 2020-

Chairman,  
Department of Psychiatry and Behavioral Neuroscience  
University of Chicago, 2004-2016

Director, Adult Psychiatry Section,  
Department of Psychiatry and Behavioral Neuroscience  
University of Chicago, 1999-2001.

Director,  
Clinical Neuroscience & Psychopharmacology Research Unit,  
Department of Psychiatry and Behavioral Neuroscience  
University of Chicago, 1999-2020

Director, Outpatient Division, Department of Psychiatry,  
MCP HSM/EPPI, 1989-1999.

Director, Outpatient Clinic,  
Bronx VA Medical Center, 1986-1989.

Medical Director, Outpatient Clinic,  
Bronx VA Medical Center, 1983-1986.

**Teaching Experience:**

Director, Clinical Research Course & Seminar (PGY-I to PGY-IV Curriculum), Department of Psychiatry and Behavioral Neuroscience University of Chicago, 2003-2014.

Director, Neurobiology Course & Seminar (PGY-III Curriculum), Department of Psychiatry & Behavioral Neuroscience University of Chicago, 2007-2008

Director, Psychopharmacology Course (PGY-II Curriculum) Department of Psychiatry and Behavioral Neuroscience, University of Chicago, 2002-2004.

Director, Psychopharmacology Course (PGY-I Curriculum) Department of Psychiatry and Behavioral Neuroscience, University of Chicago, 2002-2004.

Lecturer, Psychopharmacology Course (PGY-I/II Curriculum) Department of Psychiatry, MCP Hahnemann School of Medicine, 1993-99

Lecturer, Psychopathology Course (PGY-I/II Curriculum) Department of Psychiatry, MCP Hahnemann School of Medicine, 1993-99

Director, Interdisciplinary Case Conference (PGY-III Curriculum) Department of Psychiatry, MCP, 1989-1992.

Director, Biological Psychiatry Course (PGY-III Curriculum) Department of Psychiatry, MCP, 1989-1992.

Lecturer, Major Syndromes Course (PGY-III Curriculum) Department of Psychiatry, Mt. Sinai School of Medicine, 1984-1989.

Lecturer, Psychiatry Clerkship (Medical School Curriculum) Department of Psychiatry, Mt. Sinai School of Medicine, 1984-1989.

## Research Preceptor Experience:

Caroline Shima, M.D. (Psychiatry Resident)  
Department of Psychiatry & Behavioral Neuroscience  
University of Chicago School of Medicine, 2016-2017.

Catherine Mosti, Ph.D. (Psychology Intern)  
Department of Psychiatry & Behavioral Neuroscience  
University of Chicago School of Medicine, 2016-2017

Lauren Rynar, Ph.D. (Psychology Intern)  
Department of Psychiatry & Behavioral Neuroscience  
University of Chicago School of Medicine, 2016-2017.

Lauren Robinson, M.D. (Psychiatry Resident)  
Department of Psychiatry & Behavioral Neuroscience  
University of Chicago School of Medicine, 2016-2017.

Andrea Kass, Ph.D. (Psychology Research Fellow)  
Department of Psychiatry & Behavioral Neuroscience  
University of Chicago School of Medicine, 2016-2017.

Karen Jennings, Ph.D. (Psychology Research Fellow)  
Department of Psychiatry & Behavioral Neuroscience  
University of Chicago School of Medicine, 2016-2017.

Marcella Almeida, M.D. (Psychiatry Resident)  
Department of Psychiatry & Behavioral Neuroscience  
University of Chicago School of Medicine, 2008-2009.

Berdine Chong (Psychiatry Resident)  
Department of Psychiatry & Behavioral Neuroscience  
University of Chicago School of Medicine, 2008-2009.

Elias Dakwar, M.D. & Marius Popii, M.D. (Psychiatry Residents)  
Department of Psychiatry & Behavioral Neuroscience  
University of Chicago School of Medicine, 2005-2006.

Sherise Ferguson (Medical Student)  
University of Chicago School of Medicine, 2004-2005.

Brendan Beresford, M.D. (Psychiatry Resident)  
Department of Psychiatry & Behavioral Neuroscience  
University of Chicago School of Medicine, 2004-2005.

Joseph Goveus, M.D. (Psychiatry Resident)  
Department of Psychiatry,  
University of Chicago School of Medicine, 2001-2002.

Jeffery Kramer (Medical Student)  
MCP Hahnemann School of Medicine, 1996-1997.

David Weiss, M.D. (Psychiatry Resident),  
Department of Psychiatry,  
MCP Hanhemann/EPPI, 1995-1996.

Michael Oakes (Medical Student),  
Philadelphia College of Osteopathic Medicine, 1994-1995.

Phillip Markowitz, M.D. (Psychiatry Resident),  
Department of Psychiatry, MCP/EPPI, 1993-1994.

Jennifer Liu (Medical Student),  
Medical College of Pennsylvania, 1992-1993.

Scott Stehle, M.D. (Psychiatry Resident),  
Department of Psychiatry, MCP/EPPI, 1991-1992.

Joanne Astill, M.D. (Psychiatry Resident)  
Department of Psychiatry, MCP/EPPI, 1989-1990.

### **Doctoral Research Mentorship Experience:**

Mary Best, M.A. (Clinical Psychology Graduate Program)  
MCP Hahnemann University, 1998-2000.

Dissertation Project: Behavior Dissociation of Orbital-Medial and Dorsolateral Frontal Lobe Functioning in Patients with Intermittent Explosive Disorder.

Catherine Schmidt, M.A.(Clinical Psychology Graduate Program)  
MCP Hahnemann University, 1997-2000.

Dissertation Project: Development and Validation of a Lifetime Assessment of Impulsive Behavior.

**Faculty Research Mentorship Experience (Current Position):**

Mitchel Berman, Ph.D. (K Awardee),  
Professor & Chairman, Department of Psychology,  
Mississippi State University

Scott Bunce, Ph.D.,  
Associate Professor, Department of Psychiatry,  
Penn State University

Eunice Chen, Ph.D. (K Awardee),  
Associate Professor, Department of Psychology,  
Temple University

Jennifer Fanning, Ph.D. (K Awardee),  
Assistant Professor, Department of Psychiatry,  
Harvard University (McLean Hospital)

Jackie Gollan, Ph.D.,  
Associate Professor, Department of Psychiatry,  
Northwestern University

Kristen Jacobson, Ph.D. (K Awardee),  
Associate Professor, Department of Psychiatry,  
University of Chicago

Richard J. Kavoussi, M.D.,  
Former Director of Psychiatric Research, Glaxo, Inc.

Sarah Keedy, Ph.D. (K Awardee),  
Associate Professor, Department of Psychiatry,  
University of Chicago

Royce Lee, M.D.,  
Associate Professor, Department of Psychiatry,  
University of Chicago

Michael McCloskey, Ph.D. (K Awardee),  
Professor, Department of Psychology,  
Temple University

K. Luan Phan, M.D. (K Awardee),  
Professor & Chairman, Department of Psychiatry,  
The Ohio State University

**Medical School / Departmental Activities:**

Co-Chair, Faculty Advisory Committee for the Brain Research Imaging Center (BRIC), University of Chicago, 2011-2016

Search Committee for Director of Neuroscience Institute, University of Chicago, 2011-2015

Executive Committee, Brain Research Imaging Center (BRIC) University of Chicago, 2006-2016

Executive Committee, Center for Cognitive and Social Neuroscience, University of Chicago, 2005-

Internal Advisory Committee for the University of Chicago Cancer Research Center, University of Chicago, 2005-

Executive Committee, Biological Sciences Division, University of Chicago, 2004-2016

Committee on Clinical Pharmacology and Pharmacogenomics University of Chicago, 2000-2020

Member, Program Development Subcommittee, University of Chicago Practice Plan, 2005-06

Chair, Clinical Research Center Advisory Committee University of Chicago, 2003-2004

Member, Search Committee for Chair of Department of Medicine, University of Chicago 2003-2004

Institutional Review Board, University of Chicago, 2000-2004

Clinical Research Center Advisory Committee University of Chicago, 2000-2004



Committee on Medical Student Promotions  
University of Chicago, 2001-2002.

Member, Residency Training Committee, Dept of Psychiatry,  
MCP Hahnemann School of Medicine, 1989-96

Committee for the Protection of Human Subjects,  
MCP Hahnemann School of Medicine, 1989-93.

Member, Dean's Committee: Neuroscience/Mental Health  
Task Force; Medical College of Pennsylvania, 1990-91.

Member, Executive Faculty Committee, Department of  
Psychiatry, MCP Hahnemann School of Medicine, 1993-99

Member, Domestic Violence Task Force  
MCP Hahnemann School of Medicine, 1996-99

**Extramural Scientific Activities:**

Board of Directors, Starlight Children's Foundation, 2011-  
2015

Member, Scientific Review Committee, American Foundation  
for Suicide Prevention, New York, N.Y., 2007-2014

Member, Scientific Advisory Board, Vietnam Era Twin Registry,  
Seattle, WA, 1998-2012

Chair, Scientific Advisory Board, Vietnam Era Twin Registry,  
Seattle, WA, 1998-1999.

Member, Scientific Advisory Board, American Foundation for  
Suicide Prevention, New York, N.Y., 1994-1996

Member, Food and Drug Administration Advisory Committee on  
Psychopharmacologic Agents, 1995-1999.

Trustee, Swiss Foundation for Personality Disorder Research  
New York, N.Y., 2000-2002.

### **Editorial Board Activities:**

Journal of Psychiatric Research 2009-  
Annals of Clinical Psychiatry, 2003-  
Journal of Personality Disorders 1999-  
Aggression and Violent Behavior 1995-2016  
Current Behavioral Neuroscience Reviews 2012-2020  
International Clinical Psychopharmacology 1992-2016  
Aggressive Behavior 2006-2009  
Current Psychiatry Reports 1999-2005  
(Section Editor, Personality and Impulse Disorders)  
CNS Spectrums, 1996-2000

### **Grant Review Activities:**

American Foundation for Suicide Prevention  
Harry F. Guggenheim Foundation  
NIMH Extramural Research Program (Ad Hoc)

### **Journal Review Activities:**

Archives of General Psychiatry (Now: JAMA Psychiatry)  
American Journal of Psychiatry  
Biological Psychiatry  
International Journal of Neuropsychopharmacology  
Journal of Clinical Psychopharmacology  
Journal of Clinical Psychiatry  
Journal of Neuropsychiatry and Clinical Neuroscience  
Journal of Neuropsychopharmacology  
Journal of Personality Disorders  
Neuropsychopharmacology  
Psychiatry Research  
Psychological Medicine  
Psychopharmacology

### **Professional Associations:**

Distinguished Fellow, American Psychiatric Association (APA)  
Fellow, American College of Neuropsychopharmacology (ACNP)  
  
Fellow, Collegium Internationale Neuro-Psychopharmacologicum  
(CINP)

Member, Society for Neuroscience (SFN) Member, Member,  
Society of Biological Psychiatry (SOBP)

Member, American Society for Clinical Psychopharmacology (ASCP)

Member of the American Academy of Clinical Psychiatrists (AACP)

Member of the Behavioral Genetics Association (BGA)

**Awards / Honors:** Phi Beta Kappa, Fordham College, 1975.

Marcel Heiman Memorial Award for Outstanding Research,  
Department of Psychiatry, Mount Sinai School of Medicine, 1983.

A.E. Bennett Neuropsychiatric Research Foundation Award,  
Society of Biological Psychiatry, 1989.

Exemplary Psychiatrist, National Alliance for the Mentally Ill, 1992.

Best Doctors in America, 2001-2002; 2003-2004.

Paul H. Wender Award, American Society of Clinical Psychopharmacology  
(ASCP), 2017.

Gold Medal Award, Association for Research in Personality Disorders  
(ARPD), 2019.

**Research Interests:** Neuropharmacologic and genetic mechanisms in major mood,  
anxiety, and personality disorders.

Clinical psychopharmacology of mood, anxiety, and personality  
disorder.

Brain-behavior relationships with regard to central neurotransmitter  
function.

## **Research Grants Awarded as Principal Investigator:**

### Current Grants:

#### *National Institute Health (NIH) Grants:*

##### Currently Active

##### NIAAA RO1AA026664:

"Aggression and SEIP: Neural Correlates During Alcohol Intoxication"  
\$1,992,788 (Total Direct Costs) for 9/05/15 – 8/31/23  
PI: 30% (MPI: Andrea King, Ph.D.)

##### NIMH R21MH119531:

"Nitrous Oxide and Cortico-Limbic Function in Aggression"  
\$275,000 (Total Direct Costs) for 2/1/20-1/31/22  
PI: 10% (MPI: Peter Nagele, M.D.)

#### Private Foundation Grants:

##### Currently Active

##### Pritzker-Pucker Family Foundation:

"Strategies for the Development of Social Cognitive Training for Aggression".  
\$450,000 (Total Direct Costs) for 07/01/17 – 06/30/21  
PI: 5%

### Past Grants:

#### *National Institute Health (NIH) Grants:*

##### NIMH RO1 MH46948:

"Serotonin and Impulsive Aggression in Personality Disorder".  
\$468,388 (Total Direct Costs) for 4/91-3/96.

##### NIMH KO2 MH00951:

"Serotonin and Impulsive Aggression: Biological and Treatment Correlates".  
\$445,712 (Total Direct Costs) for 9/91-8/96.

##### NIMH RO1 MH47495:

A Serotonin and Impulsive Aggression: Treatment Correlates".  
\$641,421 (Total Direct Costs) for 5/92-4/96.

NIMH RO1 MH54804:

"Spousal Abuse: Serotonergic Studies and Treatment".  
\$772,307 (Total Direct Costs) for 5/96-4/02.

NIMH RO1 MH46948:

"Impulsive Aggression: 5-HT and NE Correlates".  
\$721,899 (Total Direct Costs) for 9/96-4/30/01.

NIMH KO2 MH00951:

"Serotonin and Impulsive Aggression: Biological and Treatment Correlates".  
\$445,712 (Total Direct Costs) for 9/96-4/30/01.

NIMH RO1 MH47495:

"Serotonin and Impulsive Aggression: Treatment Correlates".  
\$893,060 (Total Direct Costs) for 9/97-4/30/03.

NIH/NHLBI SCOR Grant (P50): RFA-HL-02-013 (PI of Subcontract: Coccaro)

Core Project in SCOR (Neurobiology of Sleep and Sleep Apnea):  
"Heritability of Daytime Sleepiness".  
\$371,235 (Total Direct Costs) for 10/1/03-3/01/06.

NIMH RO1 MH66984 (Minority Faculty Supplement for K.L. Phan, M.D.):

"Fluoxetine & Divalproex: Treatment Correlates in IED".  
\$239,258 (Total Direct Costs) for 6/1/04-5/31/06.

NIMH RO1 MH60836:

"Intermittent Explosive Disorder: A Family Study"  
\$1,877,065 (Total Direct Costs) for 9/10/01-8/31/07.

NIMH RO1 MH63262:

"Impulsive Aggression: A Twin Study of Behavior and 5-HT"  
\$2,033,035 (Total Direct Costs) for 9/09/02-6/30/08.

NIMH R21 MH073811:

"Social Information Processing: Assessment Development".  
\$236,500 (Total Direct Costs) for 3/1/06-2/28/09.

NIMH RO1 MH66984:

"Fluoxetine & Divalproex: Treatment Correlates in IED".  
\$1,830,941 (Total Direct Costs) for 5/15/03-4/30/09.

NIMH R21 MH083198:

"Development of PharmacofMRI Challenge in Healthy Control & Aggressive Subjects".

\$225,000 (Total Direct Costs) for 1/01/09-6/30/12

NIMH RO1 MH80108:

"Understanding the Pathways to Aggression"

\$2,192,738 (Total Direct Costs) for 3/01/08-2/28/14.

NIMH R01 MH84904 (Co-PI with Michael S. McCloskey): "SSRIs and Self-Harm in Borderline Personality Disorder"

\$1,940,500 (Total Direct Costs) for 08/25/10 – 11/30/14.

NIMH R21 MH99393:

"Development of fMRI Studies of Social-Emotional Information Processing"

\$275,000 (Total Direct Costs) for 7/14/13 – 12/31/15

NIMH R01 MH104673:

"Neuroinflammation and Aggression"

\$1,456,469 (Total Direct Costs) for 8/14/15 – 7/31/20

*VA Merit Review Grants:*

VA Merit Review Grant: "Serotonergic Studies of Affective and Personality Disorder"; \$188,900 for 10/86-9/89.

VA Merit Review Grant: "Serotonergic Studies of Personality Disorder (Renewal)"; \$271,361 for 10/89-9/92 (Note: E. Coccaro moved to MCP prior to funding period).

*Private Foundation Grants:*

Harry Frank Guggenheim Foundation Research Grant: "Serotonin in Impulsive Aggression: Neuropsychopharmacologic Studies in Personality Disordered Patients"; \$48,742 for 7/90-6/93.

Allegheny Health Education and Research Foundation Grant: "Aggression and 5-HT: Molecular Biological Studies"; \$170,018 for 1/95-12/97.

Harry Frank Guggenheim Foundation Research Grant: "5-HT and Impulsive Aggression: Experimental Studies in Human Subjects"; \$50,427 for 7/94-6/99.

American Foundation for Suicide Prevention Grant: "5-HT Related DNA Polymorphisms in Suicidal Behavior"; \$49,430 for 7/95-6/99.

The Brain Research Foundation:

“fMRI and Neuropsychological Study of Intermittent Explosive Disorder: A Feasibility and Pilot Study”; \$50,000 for 12/00-12/04.

Borderline Personality Disorder Research Foundation: “Identifying

Endophenotypes for Borderline Personality Disorder”; \$300,000 (Total Costs) for 7/15/03-7/14/07.

American Foundation for Suicide Prevention:

“Diffusion Tensor Imaging (DTI) Studies of Suicidal Behavior”. \$100,000 (Total Costs) for 7/1/09-12/31/13.

Pritzker-Pucker Family Foundation:

“Development of New Treatment Strategies to Treat Aggression”. \$250,000 (Total Direct Costs) for 10/01/14 – 06/30/17

*Pharmaceutical Industry Grants:*

SmithKline Beecham Pharmaceuticals: "Multicenter, Randomized, Double-Blind, Placebo- Controlled Comparison of Paroxetine and Fluoxetine in the Treatment of Major Depressive Disorder"; 4/91-3/91.

SmithKline Beecham Pharmaceuticals: "A Double-Blind, Placebo-Controlled, Multicentered Study of Fixed Doses of Paroxetine (10mg, 20 mg & 40 mg) Given as a Single Oral Dose Daily, in the Treatment of Panic Disorder (29060/120)"; 10/92-1/94.

SmithKline Beecham Pharmaceuticals: "A Double-Blind, Placebo-Controlled, Continuation of Study 29060/120 to Assess the Long Term Safety and Efficacy of Paroxetine in the Treatment of Panic Disorder and its Role in the Prevention of Relapse/Recurrence"; 3/93-2/94.

Solvay Pharmaceuticals: "Fluvoxamine in the Treatment of Depression: A Double-Blind, Multicenter Comparison with Fluoxetine in Outpatients"; 10/93-4/94.

UpJohn/Solvay Pharmaceuticals: "d-Fenfluramine Challenge in Major Depressed Patients before and after Treatment Trial with Fluvoxamine or Fluoxetine"; 10/93-4/94.

Miles Pharmaceuticals: "A Multicenter, Double-Blind, Placebo-Controlled Parallel Group Study of the Safety, Tolerability, and Efficacy of Three Fixed Doses of Ipsapirone-CR (Bay Q 7821) Vs. Placebo in Outpatients with Major Depressive Disorder"; 8/93-7/94.

Eli Lilly Pharmaceuticals: "Efficacy of Fluoxetine in the Treatment of Impulsive Aggression in Personality Disorder Patients"; 7/90-6/94.

Miles Pharmaceuticals: "Multicenter, Open-Label Study of the Tolerability of Ipsapirone- CR in Outpatients with Moderate to Severe Depressive Disorder; Extension Protocol D92-047"; 12/93-10/95.

Solvay Pharmaceuticals: "Establishment of the Oral Flesinoxan Dose Effect Relationships for Efficacy and Safety: A Randomized, Double-Blind, Parallel Group, Placebo-Controlled, Multicenter Study in Outpatients with Major Depressive Disorder." 9/94-10/95.

Bayer Corporation: "A Multicenter, Double-Blind, Placebo-Controlled Parallel Group Study of the Safety, Tolerability, and Efficacy of Three Fixed Doses of Ipsapirone-CR (Bay Q 7821) Vs. Placebo in Outpatients with Major Depressive Disorder"; 6/95-5/96.

Wyeth-Ayerst Pharmaceuticals: A Double Blind, Placebo-Controlled Study of Venlafaxine- ER and Venlafaxine-OROS in Outpatients with Major Depression; 8/96-8/97.

Solvay Pharmaceuticals: AA Multicenter, Double-Blind, Placebo-Controlled, Parallel Group Study of the Safety, Tolerability and Efficacy of Three Fixed Doses of Fluvoxamine Versus Placebo in Outpatients with Major Depressive Disorder; 9/97-8/98.

Abbott Pharmaceuticals: A Double-Blind, Placebo Controlled Study of the Safety and Efficacy of Depakote® in Impulsive Aggression Across Psychiatric Disorders; 1/00-6/01.

Knoll Pharmaceuticals: A 12-month, placebo-controlled study to assess the safety and efficacy of Meridia® (sibutramine monohydrochlorate) 10 and 15 mg in obese adolescents"; 7/00-7/01.

Pfizer Pharmaceuticals: An 8-week, double-blind, randomized, flexible-dose, placebo- controlled study of Pagaclone in patients with panic disorder; 10/00-6/01.

Eli Lilly: "Efficacy and Safety of Olanzapine in Patients with Borderline Personality Disorder: A Randomized, Double-Blind Comparison with Placebo", 12/03-11/05.

Abbott Laboratories (Investigator Initiated): "The Effect of Depakote-ER<sup>l</sup> Treatment on 5-HT-2a Receptor Function in Human Subjects", 7/03-6/06.



## **Publications:**

### Peer-Reviewed Articles In Print:

1. Kalchthaler T, **Coccaro EF**, Lichtiger S. The incidence of polypharmacy in a long-term care facility. *J Am Ger Soc* 25: 303-313, 1977.
2. **Coccaro EF**. Comment: Incentives for research and research training in geriatrics / gerontology. *The Gerontologist* 20:499-500, 1980.
3. Nurnberg HG, **Coccaro EF**. Response of panic disorder and resistance of depression to imipramine. *Am J Psychiatry* 139:1060-1062, 1982.
4. Lieberman J, Brenner R, Lesser M, **Coccaro EF**, Borenstein M, Kane JM. The dexamethasone suppression test in panic disorder. *Am J Psychiatry* 140: 917-919, 1983.
5. **Coccaro EF**, Berube L, Thornton J, Meyerson AT. Preferences in gerontologic/geriatric training: A comparison of students, educators, and practitioners of medicine in regard to specific curriculum content. *Educ Geront* 9:293-309, 1983.
6. **Coccaro EF**, Prudic J, Rothpearl A, Nurnberg HG. The effect of hospital admission on the dexamethasone suppression test. *Am J Psychiatry* 141:982-985, 1984.
7. **Coccaro EF**, Prudic J, Rothpearl A, Nurnberg HG. Clinical utilization of the dexamethasone test. *J Clin Psychiatry* 45:382-384, 1984.
8. **Coccaro EF**, Miles AM. The attitudinal impact of training in gerontology/ geriatrics in medical school: A review of the literature and perspective. *J Am Ger Soc* 32:762-768, 1984.
9. **Coccaro EF**, Meyerson AT. Attitudes of students, educators and practitioners of medicine towards gerontology/geriatric training. *Geron Ger Educ* 4:29-37, 1984.
10. **Coccaro EF**, Siever LJ. Second generation antidepressants: A comparative review. *J Clin Pharmacol* 25:241-260, 1985.
11. **Coccaro EF**, Prudic J, Rothpearl A, Nurnberg HG. The dexamethasone suppression test in depressive, non-depressive, and schizoaffective psychosis. *J Affective Disorders* 9:107-113, 1985
12. Kanof PD, Johns CA, Davidson M, Siever LJ, **Coccaro EF**, Davis KL. Prostaglandin receptor sensitivity in psychiatric disorders. *Arch Gen Psychiatry* 43:987-993, 1986.

13. Kanof PD, **Coccaro EF**, Johns CA, Siever LJ, Davis KL. Platelet [3-H]imipramine binding in psychiatric disorders. *Biological Psychiatry* 22:278-286, 1987.
14. **Coccaro EF**, Siever LJ, Klar HM, Rubinstein K, Benjamin E, Davis KL. Diminished prolactin responsiveness to repeated fenfluramine challenge in man. *Psychiatry Res* 22:257-259, 1987.
15. Siever LJ, **Coccaro EF**, Davis KL. Noradrenergic dysregulation in depression. *Actualities Psychiatriques* (4):58-65, 1987.
16. **Coccaro EF**, Adan F, Allen D, Cooper TB. Plasma-serum differences in the determinations of tricyclic antidepressant blood levels. *Int Clin Psychopharmacology*. 2:217-224, 1987
17. Siever LJ, **Coccaro EF**, Zemishlany Z, Silverman J, Klar HM, Losconczy MF, Davidson M, Friedman R, Mohs RC, Davis KL. Psychobiology of personality
18. Kanof PD, Johns CA, Davidson M, Siever LJ, **Coccaro EF**, Davis KL. Platelet alpha-2 receptor function in psychiatric disorders. *Psychiatry Research* 23:11-22, 1988.
19. **Coccaro EF**, Siever LJ, Kourides I, Adan F, Campbell G, Davis KL. Central serotonergic stimulation by fenfluramine does not affect plasma TSH levels in man. *Neuroendocrinology* 47:273-276, 1988.
20. Zemishlany Z, Siever LJ, **Coccaro EF**. Biological factors in personality disorders. *Isr J Psychiatry Relat Sci* 25:12-23, 1988.
21. Davis KL, Davidson M, Yang R-K, Davis BM, Siever LJ, Mohs RC, Ryan T, **Coccaro EF**, Bierer L, Targum SD. CSF Somatostatin in Alzheimer's Disease, depressed patients, and control subjects. *Biological Psychiatry* 24:710-712, 1988
22. Klar H, Siever LJ, **Coccaro EF**. Psychobiologic approaches to personality and its disorders: An overview. *J Personality Disorders* 2:334-341, 1988.
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### **Book Chapters In Press:**

Fanning JR, **Coccaro EF**. Neurobiology of impulsive aggression. Kleesbie (ed.)

Fanning JR, **Coccaro EF**. Neurotransmitter function in personality disorder. J Livesley (ed), Handbook of Personality Disorders: Second Edition. Guilford Publications, Inc., New York, NY.

### **Invitational Presentations at International Meetings and Conferences**

1. "5-HT Studies in Personality Disorder". Presented to the XVIth CINP Congress, Munich Federal Republic of Germany (FRG), August 19th, 1988. (Invitation by Donald Eccleston, M.D., UK)
2. "Serotonin Function in Mood and Personality Disorders". Presented at the Annual Scientific Meeting of the British Association for Pharmacology, Cambridge UK, July 26th, 1989. (Invitation by Stuart Montgomery, M.D., UK)
3. "The Role of Serotonin in Suicidal Behavior". Presented at the Special Symposium on Suicidal Behavior, University of London School of Medicine, London UK, March 26th, 1991. (Invitation by Stuart Montgomery, M.D., UK)
4. "Serotonin Challenge Studies in Suicidal Behavior". Presented to the Vth World Congress of Biological Psychiatry, Florence Italy, June 14th, 1991. (Invitation by Marie Asberg, M.D., Sweden)
5. "Serotonin and Impulsive Aggression: Relationship to Alcoholism". Presented at the Mental Health Foundation Conference on Violence: Basic and Clinical Science, Oxford UK, September 6th, 1991. (Invitation by Philip Cowen, M.D. and Christopher Thompson, M.D.), UK.
6. "Psychopharmacological Treatments of Borderline Personality Disorder". Presented to the XVIIIth CINP Congress, Nice France, June 30th, 1992. (Invitation by Markku Linnoila, M.D., Ph.D., USA)
7. "Neurotransmitter Correlates of Impulsive Spectrum Behaviors." Presented at the 1<sup>st</sup> International Conference on Obsessive-Compulsive and Related Disorders, Capri Italy, March 12th, 1993. (Invitation by Joseph Zohar, M.D., Israel)
8. "Neurotransmitter Correlates of Aggression in Humans." Presented at the Harry Frank Guggenheim Foundation International Workshop on the Biology of Aggression, Antwerp Belgium, August 10th, 1993. (Invitation by Menno Kruk, Ph.D., Belgium)

9. "Serotonergic Correlates of Borderline Personality Disorder." Presented to the 3rd International Congress on the Disorders of Personality, Boston MA, September 9, 1993. (Invitation by S. Charles Schulz, M.D., USA)
10. "Serotonergic Correlates of Suicidal and Impulsive Aggressive Behaviors@. Presented to the XIXth CINP Congress, Washington, D.C., June 30th, 1994. (Invitation by Markku Linnoila, M.D., Ph.D., USA)
11. "Serotonergic Correlates of Aggression". Presented at the VII Meeting of the European College of Neuropsychopharmacology, Jerusalem, Israel, October 18, 1994. (Invitation by Joseph Zohar, M.D., Israel)
12. "Pharmacological Treatment Studies in Personality Disorder". Presented at the 1st Annual Meeting of the Spanish Society for the Study of Personality Disorders, Zaragoza, Spain, June 18, 1998. (Invitation by Vincente Rubio, M.D., Spain)
13. "Biological Factors in Personality Disorder". Presented at the 1st Annual Meeting of the Spanish Society for the Study of Personality Disorders, Zaragoza, Spain, June 20, 1998. (Invitation by Vincente Rubio, M.D., Spain)
14. "Antidepressants and Aggression: Facts and Myths". Presented at the Third European Congress of Personality Disorders, Sheffield, England, July 9, 1998. (Invitation by Peter Tyrer, M.D., UK)
15. "Psychopharmacology of Anger". Presented at Xith World Congress of Psychiatry, Hamburg, Germany, August 6-11, 1999. (Invitation by M.S. Kil, M.D., Korea) Abstract in Current Opinion of Psychiatry 12(S):163, 1999.
16. "Serotonin in Impulsive-Aggressive Behavior". Presented at XIth World Congress of Psychiatry, Hamburg, Germany, August 6-11, 1999. (Invitation by F. Brambrilla, M.D., Italy) Abstract in Current Opinion of Psychiatry 12(S):194, 1999.
17. "Biologic and Treatment Studies of Aggression in Personality Disorder". Presented at IVth European Congress on Personality Disorders, Paris, June 22, 2000. (Invitation by L. Siever, M.D., USA) Abstract in European Psychiatry 15(S1): 54, 2000.
18. "Impulsive Aggression in Personality Disorder: Biological Correlates". Plenary Session at 56<sup>th</sup> Annual Meeting of the Society of Biological Psychiatry, New Orleans, May 5, 2001. (Invitation by L. Siever, M.D., USA). Abstract in Biological Psychiatry 49:135S, 2001.



## **Invitational Presentations at National/State Meetings and Conferences**

1. "Serotonin Function in Borderline Personality Disorder". Presented at the Annual Meeting of the Academy of Clinical Psychiatry, Boston MA, October 11th, 1990. (Invitation by Henry Nasralla, M.D.)
2. "Psychopharmacology of Personality Disorders". Presented at the NIMH Conference on Personality Disorders, Williamsburg VA, November 9th, 1990. (Invitation by Tracie Shea, Ph.D. and Jack Maser, Ph.D.)
3. "The Psychobiology of Aggression". Presented at the 31st New Clinical Drug Evaluation Unit (ECDEU) Meeting, Boca Roton FL, May 28th, 1992. (Invitation by Robert Hirschfeld, M.D.)
4. "Neuroendocrine Studies of Suicidal Behavior". Presented at the 1st International Symposium on Suicide and Suicidal Behavior, Pittsburgh PA, June 12th, 1992. (Invitation by J. John Mann, M.D.)
5. "Psychobiology of Depression." Presented at the Laureate Foundation (Tulsa University School of Medicine) Conference on Depression, Tulsa OK, October 8th, 1992. (Invitation by Peruse Sholovar, M.D.)
6. "The Psychopharmacological Challenge in Biological Psychiatry". Presented at the 17<sup>th</sup> Annual Symposium of the National Academy of Clinical Biochemistry, New York NY, July 9th, 1993. (Invitation by Paul Orsulak, Ph.D.)
7. "Violence: Its Causes and Prevention". Presented at 46th Annual Meeting of the American Society of Criminology, Miami, FL, November 12, 1994. (Invited by C. Ray Jeffries, Ph.D.)
8. "Biology and Treatment of Impulsive Aggression". Presented at Annual Meeting of the Midwest Chapter of the American Academy of Psychiatry and the Law, Chicago, IL April 15, 2005. (Invited by Stephen Dinwiddie, M.D.).

## **Invitational Presentations at Research Seminars/Colloquia**

1. Division of Clinical Neuropsychopharmacology, Laboratory of Clinical Science, National Institute of Mental Health, Bethesda MD, June 24, 1987. (Invitation by Dennis Murphy, M.D.)
2. Department of Psychiatry, University of Bristol, Bristol UK, September 5th, 1990. (Invitation by David Nutt, M.D.)

3. Department of Cognitive Neuroscience, Massachusetts Institute of Technology, Cambridge MA, October 12th, 1990. (Invitation by Richard Wurtman, M.D.)
4. Department of Psychiatry, University of Pennsylvania School of Medicine, October 24th, 1991. (Invitation by Peter Whybrow, M.D.)
5. Drug and Alcohol Abuse Division, Psychiatry Service, Brooklyn VAMC (SUNY-Downstate School of Medicine), Brooklyn NY, January 28th, 1992.(Invitation by Thomas Horvath, M.D.)
6. Addiction Research Center, NIDA, Baltimore MD, April 13th, 1992. (Invitation by Edith London, Ph.D.)
7. Division of Child Psychiatry, Department of Psychiatry, N.Y. State Psychiatric Institute (College of Physicians and Surgeons, Columbia University), N.Y., NY, February 2<sup>nd</sup>, 1993.(Invitation by David Schaffer, M.D.)
8. Department of Psychology, Center for Molecular Bioscience and Biotechnology, Lehigh University, Bethlehem PA, October 14th, 1993 (Invitation by Neil Simon, Ph.D.).
9. Department of Psychology, University of Hawaii, Honolulu HI, December 8th, 1993. (Invitation by Caroline Blanchard, Ph.D.)
10. Division of Clinical Psychopharmacology, Department of Psychiatry, Massachusetts General Hospital (Harvard University School of Medicine), Boston MA, March 11, 1994. (Invitation by Jerrold Rosenbaum, M.D.)
11. Division of Occupational Medicine, Los Alamos National Research Laboratory (University of California), Los Alamos, NM, November 18th, 1994. (Invitation by Frank Tikalsky, Ph.D).
12. Department of Psychiatry, Yale University School of Medicine, September 22nd, 1997. (Invitation by Joel Gelernter, M.D.)
13. Division of Clinical Psychopharmacology, Department of Psychiatry, Massachusetts General Hospital (Harvard University School of Medicine), Boston MA, February 5, 1999. (Invitation by Maurizio Fava, M.D.)
14. Institute for Survey Research, University of Michigan, Ann Arbor, MI, Novemebr 28, 2005. (Invitation by L. Rowell Huesman, Ph.D.)

## **Psychiatry Grand Rounds**

1. University of Vermont School of Medicine, November 21, 1986.
2. Mount Sinai School of Medicine, February 10, 1987.
3. New York State Psychiatric Institute (College of Physicians and Surgeons, Columbia University), New York NY, June 23, 1989.
4. Medical College of Pennsylvania, February 19, 1990.
5. New Jersey School of Medicine and Dentistry (Camden Division), March 23, 1990.
6. New Jersey School of Medicine and Dentistry (Piscataway Division), September 13, 1990.
7. Wilmington Medical Center, Wilmington DE, November 11, 1990.
8. Hahnemann University School of Medicine, November 29, 1990.
9. University of Iowa School of Medicine, January 7, 1991.
10. Friends Hospital (Temple University School of Medicine), Philadelphia PA, February 5, 1991.
11. Harrisburg State Hospital, Harrisburg PA, March 14, 1991.
12. Payne Whitney Clinic (Cornell University School of Medicine), New York NY, March 20, 1991.
13. Carrier Clinic Foundation, Belle Mead NJ, April 11, 1991.
14. Chester-Crozer Medical Center (Hahnemann University School of Medicine), Chester PA, April 17, 1991.
15. University of Rochester School of Medicine, May 29, 1991.
16. Jefferson Medical College, September 25, 1991.
17. St. Francis Medical Center (Medical College of Pennsylvania), Pittsburgh PA, October 8, 1991.
18. Norristown State Hospital (Medical College of Pennsylvania), Norristown PA, November 1, 1991.

19. New York Medical College, January 9, 1992.
20. University of Texas at Houston School of Medicine, February 7, 1992.
21. Hillside Hospital (Albert Einstein College of Medicine), Glen Oaks, NY, April 7, 1993.
22. Division of Child Psychiatry, New York State Psychiatric Institute (College of Physicians and Surgeons, Columbia University), New York NY, October 13, 1993.
23. University of Texas Medical School (Southwestern), Dallas, TX, February 11, 1994.
24. Western Missouri Mental Health Center, Kansas City, MI, March 17, 1994.
25. University of Kansas Medical Center, Kansas City, KA, March 18, 1994.
26. Cleveland Clinic Foundation, Cleveland, OH, September 8, 1994.
27. New Jersey School of Medicine and Dentistry (Camden Division), November 4, 1994.
28. University of North Carolina School of Medicine at Chapel Hill, Chapel Hill, NC, December 8, 1994.
29. University of Massachusetts School of Medicine, Woerster, MA, January 12, 1995.
30. Belmont Psychiatric Center, Philadelphia, PA, February 7, 1995.
31. Philadelphia VA Medical Center (U. Pennsylvania), Philadelphia, PA, February 15, 1995.
32. Wisconsin State Psychiatric Center, Oshkosh, WI, February 17, 1995.
33. New York University School of Medicine, New York, New York, April 13, 1995.
34. University of New Mexico at Albuquerque, Albuquerque, NM, April 28, 1995.
35. Medical College of Wisconsin, Milwaukee, WI, November 22, 1995.
36. Institute of Pennsylvania Hospital, Philadelphia, PA, March 5, 1996.
37. University of Texas Medical School, San Antonio, TX, April 9, 1996.
38. New Jersey School of Medicine and Dentistry (Newark Division), April 17, 1996.
39. Elizabeth General Hospital, Elizabeth, NJ, May 21, 1996.

40. VA Medical Center, East Orange, NJ, May 21, 1996.
41. Brown University School of Medicine, Providence, RI, October 2, 1996.
42. Belmont Psychiatric Center, Philadelphia, PA, March 4, 1997.
43. VA Medical Center, Hines, IL, June 10, 1998.
44. The Chicago Medical School, Chicago, IL, September 10, 1998.
45. VA Medical Center, Battlecreek, MI, September 23, 1998.
45. VA Medical Center, Detroit, MI, September 24, 1998.
46. VA Medical Center, Minneapolis, MN, October 16, 1998.
47. Bergen Pines Regional Medical Center, Paramus, NJ, October 29, 1998.
48. VA Medical Center (Westside), Chicago, IL, November 19, 1998.
49. University of Texas at Houston School of Medicine, March 10, 1999.
50. Evanston Hospital, Evanston, IL, April 20, 1999.
51. University of Texas Medical Branch at Galveston, Galveston, TX, April 10, 2001.
52. Rush School of Medicine, Chicago, IL September, 12, 2001.
53. Hillside Hospital, Glen Oaks, NY, November 7, 2001
54. Lutheran General Hospital, Chicago, IL June 16, 2002.
55. SUNY Syracuse, Syracuse, NY, February 13, 2003.
56. Vanderbilt School of Medicine, Nashville, TN, October 21, 2003.
57. Medical College of Georgia, Augusta, GA, March 18, 2004.
58. University of Utah, Salt Lake City, UT, June 2, 2004.
59. University of Michigan, Ann Arbor, MI, April 13, 2005.
60. University of Chicago, Chicago, IL, September 21, 2006.

61. Wake Forest University School of Medicine, Winston-Salem, NC, December 1, 2006.
62. Rosalind Franklin School of Medicine, North Chicago, IL, January 18, 2007.
63. Northwestern University School of Medicine, Chicago, IL, September 12, 2007.
64. Mt. Sinai School of Medicine, NY, NY, February 12, 2008.
65. Hillside Hospital (Albert Einstein School of Medicine), Glen Oaks, NY, February 27, 2008.
66. University of Colorado School of Medicine, Denver, CO, November 19, 2008.
67. University of Pennsylvania School of Medicine, Philadelphia, PA, November 20, 2008
68. North Shore Heath System, Evanston, IL, September 15, 2009.
69. University of Illinois at Chicago (UIC), Chicago, IL, September 30, 2009.
70. Lutheran General Hospital, Chicago, IL, March 10, 2010.
71. Milton Hershey School of Medicine (Penn State), Hershey, PA November 7, 2013.
72. Nathan Kline Institute (NYU School of Medicine), Orangeburg, NY, June 15, 2015.
73. Loyola University Stritch School of Medicine, Maywood, IL, January 5, 2017.
74. Dartmouth University School of Medicine, Hanover, NH, November 14, 2017
75. Mt. Sinai School of Medicine, NY, NY, September 17, 2019.
76. The Ohio State University Wexler College of Medicine, Columbus, OH, October 9, 2019.
77. Eastern Virginia Medical School, Norfolk, VA, November 13, 2019.