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Dr. Jennifer Kruse, MD
Board-Certified in Psychiatry

Board-certified psychiatrist with more than 9 years of clinical expertise.

EDUCATION

- **UCLA Clinical Pharmacology Training Program (2016-2017)**
T32 Research Fellowship Award
- **CTSI Training Program in Translational Science (2015-2017)**
Track 2 Certificate Program
- **Mayo Clinic, Rochester, MN (2013-2014)**
Psychosomatic Medicine Fellowship
- **Semel Institute for Neuroscience & Human Behavior, UCLA (2009-2013)**
Psychiatric Residency
- **Mayo Medical School, Mayo Clinic (2005-2009)**
Doctor of Medicine
- **University of Iowa, Iowa City, IA (2001-2005)**
Bachelor of Arts, Spanish, with Honors and Highest Distinction

PROFESSIONAL EXPERIENCE

- **Psychiatrist, Transitional Age Youth, Full Service Partnership** – San Fernando Valley
Community Mental Health Center, Inc., Van Nuys, CA (2011-2013)

ACADEMIC APPOINTMENTS

- **Health Sciences Assistant Clinical Professor** - Dept. of Psychiatry, UCLA (2015-present)
- **Supervising Faculty** - Mood Disorders Clinic, Dept. of Psychiatry, UCLA (2015-present)
- **Associate Director of Consultation/Liaison Psychiatry** – RRUMC, UCLA (2014-present)

- **Wilder Scholar** – UCLA (2014-present)
- **Clinical Instructor** – Department of Psychiatry, UCLA (2014-2015)
- **Staff Associate Physician** – UCLA (2013-2014)

LICENSURE AND CERTIFICATION

- California State Medical License (2010)
- Board-Certified, American Board of Psychiatry and Neurology (2013)
- Psychosomatic Medicine, American Board of Psychiatry and Neurology (2015)

PROFESSIONAL MEMBERSHIPS

- American Medical Association (2005-2010)
- American College of Preventive Medicine (2006-2010)
- American Psychiatric Association (2009-2014)
- American Psychosomatic Society (2012-2014)
- American Academy of Psychosomatic Medicine (2012-present)

HONORS AND AWARDS

- 2001: Valedictorian, Thomas Jefferson High School, Cedar Rapids, IA
- 2001 – 2005: Presidential Scholarship, University of Iowa
- 2003: Rhodes Dunlap Scholarship Sophomore Honor Student Award, U. of Iowa
- 2004: Rhodes Dunlap Scholarship for Honor Student, U of Iowa Honors Program
- 2004: Presidential Scholarship for Study Abroad, University of Iowa
- 2005: Collegiate Scholar Award, University of Iowa Honors Program
- 2005: Student Commencement Speaker, Univ of Iowa College of Lib Arts and Sciences
- 2005 – 2009: Dean’s Outstanding Achievement Full Tuition Scholarship, Mayo Medical School
- 2007: Future Leaders in Preventive Medicine Award, American College of Prev Med
- 2008: AMA Foundation Leadership Award, American Medical Association
- 2009: Medical Student Prize for Excellence in Neurology, American Acad of Neurology
- 2012: Psychosomatic Medicine Interest Group Grant (\$1500), American Psychosomatic Society (trainee)
- 2013: Resident Travel Scholarship, American Psychosomatic Society Annual Meeting
- 2013: “Mind Games” Team captain, UCLA; APA Annual Meeting competition
- 2013: PER Excellence in Psychiatric Education Award, Southern CA Psychiatric Society
- 2013: Outstanding Teaching Award for Resident or Fellow, Dept of Psychiatry, UCLA
- 2013: Webb Fellowship, Academy of Psychosomatic Medicine
- 2014: Junior Investigator Research Colloquium Scholar, American Psychiatric Assn
- 2014: Young Investigator Colloquium Scholar, American Psychosomatic Society

- 2014: Psychosomatic Medicine Interest Group Grant (\$1500), American Psychosomatic Society (faculty advisor)
- 2015: Career Development Institute for Psychiatry, class of 2015, Palo Alto, CA
- 2015: Dorfman Journal Paper Honorable Mention for Best Article for Original Research, for “Psychiatric Autoimmunity: NMDA-Receptor-IgG and Beyond,” Academy of Psychosomatic Medicine.

EDITORIAL SERVICES

- 2014 Annals of Clinical Psychiatry, *ad-hoc* reviewer
- 2015 General Hospital Psychiatry, *ad-hoc* reviewer
- 2015 Psychosomatic Medicine, *ad-hoc* reviewer

PROFESSIONAL ACTIVITIES

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2007 – 2008: Vice President, Medical Student Section, American College of Preventive Medicine

2008 – 2009: President, Medical Student Section, American College of Preventive Medicine

REGIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2006 – 2007: Voting Delegate and Member of Executive Board, Zumbro Valley Medical Society, Rochester, MN

2007 – 2009: Medical Student Representative, Committee on Public Health and Preventive Medicine, Minnesota Medical Association

LOCAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2006 – 2007: Co-President, American Medical Association, Medical Student Section, Mayo Medical School, Rochester, MN

INSTITUTIONAL COMMITTEES:

2002 – 2005: Dean’s Student Advisory Committee, University of Iowa

2006 – 2007: Curriculum Design Member, Mayo Medical School/Project Medishare Collaborative, Republic of Haiti

2007 – 2008: Class Representative, Mayo Medical School

2007 – 2009: Founding Member, Rochester Education and Advocacy for Community Health, Mayo Medical School

2009 – 2013: Member, Residency Recruitment Committee, Department of Psychiatry, UCLA

2009 – 2013: Residency Curriculum Committee, Department of Psychiatry, UCLA

2013 – 2014: Teaching Awards Committee, Department of Psychiatry, UCLA

2014-present: Residency Oversight Committee, PGY2 Subcommittee, Dept of Psychiatry, UCLA

2014-present: ECT Committee, Department of Psychiatry, UCLA

INSTITUTIONAL TEACHING ACTIVITIES

Medical Student Education

2007-2008: "Introductory Pathology," MS1 course teaching assistant, Mayo Medical School
2010-2011: MS3 Psychiatry Clerkship embedded lecture, DGSOM, UCLA
2012-2013: "Doctoring I," MS1 course instructor, DGSOM, UCLA
2013-2014: "Introduction to Psychopathology," MS2 course instructor, Mayo Medical School
2014-2015: "Mood Disorders," MS3 lecture (recurring), Psychiatry Clerkship, UCLA DGSOM
2014-present: Director, MS4 Elective, Consultation-Liaison Psychiatry (PS 250.02)

Resident education: Psychiatry

2012-2013: Chief Resident for Consultation-Liaison Psychiatry

- Created "UCLA Handbook for C/L Psychiatry"
- Developed core lecture series (8 lectures) for C/L rotation
- Facilitated weekly review of a core article relevant to C/L
- Developed and administered monthly C/L case conference

2014-present: Psychiatry Residency Core Curriculum, UCLA Department of Psychiatry, recurring lecturer

- "Introduction to CL Psychiatry" (PGY1)
- "CL Psychiatry" (PGY2)
- "Frontiers of Psychopharmacology—Mood" (PGY4)

2014-present: CL psychiatry embedded curriculum

CL Case Conferences, Faculty discussant:

- Oct 17, 2014: Catatonia in a patient with MDD and metastatic pancreatic cancer
- Nov 21, 2014: West Nile Virus initially misdiagnosed as NMS
- Mar 20, 2015: Management of Agitated Delirium
- Apr 17, 2015: An Unexplained Case of Generalized Weakness
- May 20, 2016: Depression with Poor Insight and Regressed Behavior

CL Embedded Lectures: Delirium, Somatic Symptom Disorders, Depression in the Medically Ill, Autoimmune Encephalopathy, CL Zebras

Weekly Seminar: Facilitate weekly discussion of core reading from CL reader

2015-present: Mood Disorders Clinic, supervising attending for residents and fellows

RESEARCH & GRANTS

05/2003 – 01/2004

Molecular Biology Research, breast cancer, lysyl oxidase binding partners
University of Iowa, Dept of Anatomy and Cell Biology
Principal Investigator: Mary J.C. Hendrix, Ph.D.,
Role: Honors Student Research Practicum (unfunded)

01/2006 – 01/2009

Health needs assessment for adult English language learners in a community education center
Hawthorne Education Center Collaborative, Rochester, MN
Principal Investigators: Irene Sia, MD, Joseph Kolars, MD,
Role: Co-investigator (unfunded)

12/2007 – 4/2008

Teaching methods in a medical school pathology course
Mayo Medical School, Rochester, MN
Principal Investigator: Joseph Grande, M.D., Ph.D.
Role: Co-investigator (unfunded)

08/2013 – 06/2014

Title: “A Retrospective Evaluation of Patients with Suspected Autoimmune Neuropsychiatric Disorders”
Source: Departmental Funding, Mayo Clinic Department of Neurology
Principal Investigator: Andrew McKeon, MD
Role: Co-Investigator (unfunded)

10/2013 – present

Title: “State-Specific Serum CNS Autoantibody and Inflammatory Marker Investigation in Bipolar and Schizoaffective Disorder”
Source: Departmental Funding, Mayo Clinic Department of Psychiatry
Role: Co-Principal Investigator 7/2013-6/2014; Consultant 7/2014 – present (unfunded)
Mentor and PI: Mark A. Frye, MD; Mayo Clinic Department of Psychiatry

01/2014 – 06/2014

Title: “Risk and Time Course of Neurocardiovascular Events in Bipolar I Disorder: a Population-based Study”
Source: Departmental Funding, Mayo Clinic Department of Psychiatry
Principal Investigator: Mark A. Frye, MD
Role: Co-Investigator (unfunded)

10/2014 – 06/2015

Title: “BeVITAL: Behavior, Vitality, Inflammation, Thought, and Leukemia/Lymphoma”
Source: UCLA Cousins Center for Psychoneuroimmunology/Semel Institute/Jonsson Comprehensive Cancer Center Interdisciplinary Seed Grant
Amount: \$77,177 (\$38,558.50/year for 2 years)
Role: Principal Investigator (unfunded)
Mentor: Michael Irwin, MD
Note: Study discontinued due to poor recruitment/retention; extremely ill population.

10/2014 – present

Title: “Imaging biomarkers of ECT response in major depressive disorder”
Source: R01MH092301

PI: Katherine Narr, PhD
Role: Co-Investigator (unfunded)

05/2015 – present

Title: “Evaluation of kynurenine metabolites as a neurobiological link between inflammation and behavior in an experimental model of depression”

Source: UCLA CTSI Core Voucher Award; Grant number: UL1TR000124

Amount: \$10,000

Role: Principal Investigator

08/2015 – present

Title: “Biomarkers of fast-acting treatment interventions in major depressive disorder”

Source: UCLA Depression Grand Challenge

PI: Eliza Congdon, PhD

Role: Co-Investigator (unfunded)

07/2016 – present

UCLA Clinical Pharmacology Training Program (T32 research fellowship award)

Source: T32GM075776 (NIH/NIGMS)

PI: Andrew Leuchter, MD

Role: Research fellow (\$56,326)

LECTURES & ORAL PRESENTATIONS

1. **Kruse JL**. Psychosurgery: A Brief Review of the Evolution and Current State of Psychiatric Neurosurgery. Neurology Grand Rounds, West Los Angeles Veteran’s Administration Hospital, Los Angeles, CA. February 2010.
2. **Kruse JL**, Jeffrey J, Davis MC, Brooks JO. Psychiatric Manifestations and Management of Anti-NMDA Receptor Encephalitis. Oral paper presentation at Academy of Psychosomatic Medicine Annual Meeting. November 2013, Tucson, AZ.
3. **Kruse JL**. Autoimmune Psychiatry: The Emerging Connection between Antibodies and Psychiatric Illness. Mayo Clinic Grand Rounds. Rochester, MN. February 18, 2014.
4. Rundell JR, **Kruse JL**, Bright RP. Delirium, Dementia, and Somatoform Disorders. Acute Care Psychiatry Clinical Review. Mayo Clinic Psychiatry and Psychology CME Conference. September 18-20, 2014, Las Vegas, NV.
5. **Kruse JL**, Strouse TB, Maldonado JR. Psychiatric Manifestations of Neuroinflammation. Symposium presented at Academy of Psychosomatic Medicine Annual Meeting. November 2014, Ft. Lauderdale, FL.

6. **Kruse JL**, Lapid MI, Lennon VA, O'Toole O, Pittock SJ, Strand EA, Frye MA, McKeon A. Neuropsychiatric Autoimmunity: NMDA-Receptor-IgG and Beyond. Oral paper presented at Academy of Psychosomatic Medicine Annual Meeting. November 2014, Ft. Lauderdale, FL.
7. **Kruse JL**. Psychosomatic Issues in Neurology. Third Annual UCLA Review of Clinical Neurology CME Course. September 19, 2015, Los Angeles, CA.
8. **Kruse JL**. The Role of Inflammation in Psychiatric Illness. UCLA's 20th Annual Review of Psychiatry and Psychopharmacology. November 7, 2015, Los Angeles, CA.
9. **Kruse JL**. Psychosomatic Cases in Neurology. Fourth Annual UCLA Review of Clinical Neurology CME Course. September 23, 2016, Los Angeles, CA.
10. **Kruse JL**. What is the role of antibiotics and anti-inflammatories in Treatment Resistant Depression? UCLA's 21st Annual Review of Psychiatry and Psychopharmacology. November 5, 2016, Los Angeles, CA.

BIBLIOGRAPHY

RESEARCH PAPERS

RESEARCH PAPERS (PEER REVIEWED)

1. Kurtz DM*, **Kruse JL***, Schoenleber S, Grande JP. Students as teachers and course designers: Renovation of an introductory pathology course. *Journal of the International Association of Medical Science Educators*. 2009; 19(1):8-14.

*These authors equally contributed to this work.

2. **Kruse JL**, Lapid MI, Lennon VA, O'Toole O, Pittock SJ, Strand EA, Frye MA, McKeon A. Psychiatric Autoimmunity: NMDA-Receptor-IgG and Beyond. *Psychosomatics* 2015; 56:227–241.

3. Prieto ML, Schenck LA, **Kruse JL**, Klaas JP, Chamberlain AM, Bobo WV, Bellivier F, Leboyer M, Roger VL, Brown RD, Rocca WA, Frye MA. Long-term Risk of Myocardial Infarction and Stroke in Bipolar I Disorder Patients in the U.S.: A Population-based Cohort Study. *Journal of Affective Disorders*. 2016 Apr;194:120-7.

RESEARCH PAPERS – SUBMITTED

1. **Kruse JL**, Congdon E, Olmstead R, Njau S, Breen EC, Narr KL, Espinoza R, Irwin MR. Inflammation and Prediction of Clinical Improvement in Response to Electroconvulsive Therapy for Depression. Submitted.

PAPERS IN PREPARATION (RESEARCH COMPLETED)

1. **Kruse JL***, Cho JH*, Eisenberger N, Irwin MR. Inflammation, Kynurenine Metabolism, and Depressed Mood: A Human Experimental Study. *These authors equally contributed to this work.

CHAPTERS

1. **Kruse JL**, James M, Guze B. Medical Assessment and Laboratory Testing in Psychiatry. In: Sadock BJ, Sadock VA, Ruiz P, eds. *Kaplan & Sadock's Comprehensive Textbook of Psychiatry*. 10th ed. Wolters Kluwer; 2017. p. 1008-1026.

LETTERS TO THE EDITOR

1. **Kruse JL**, Davis MC. New onset extrapyramidal symptoms following oxcarbazepine discontinuation in a child receiving risperidone. *Journal of Child and Adolescent Psychopharmacology*. 2014 Apr; 24(3);166-7.

2. Monsivais SR, Wisdom N, **Kruse JL**, Davis MC. N-Acetylcysteine Supplementation in an Individual With Glucose-6-Phosphate Dehydrogenase Deficiency-Associated Psychosis. *Biological psychiatry*. 2016 Oct 15;80(8):e71-2.

REVIEWS

1. **Kruse JL***, Jeffrey J*, Davis MC, Dearlove J, IsHak W, Brooks JO. Anti-N-methyl-D-aspartate receptor encephalitis: A targeted review of clinical presentation, diagnosis, and approaches to psychopharmacologic management. *Annals of Clinical Psychiatry*. 2014 May; 26(2):111-9. *These authors equally contributed to this work.

2. **Kruse JL** and Strouse TB. Sick and Tired: Mood, Fatigue, and Inflammation in Cancer. *Current Psychiatry Reports* 2015 Mar;17(3):555.

ABSTRACTS

1. **Kruse JL**, Fogelgren B, Csiszar K, Hendrix MJC, Kirschmann DA. Lysyl Oxidase, Expressed in Invasive Breast Cancer Cells, Binds to GRIM-19, a Novel Cell Death Regulatory Gene. Poster presentation, University of Iowa Breast Cancer Symposium, 2004.

2. **Kruse JL**, Nigon J, Weiss J, St. Sauver J, Lahr B, Sia I. Utilization of Preventive Services Among a Multiethnic Population in Rochester, MN: Are We Missing Opportunities for Prevention? Poster presentation, American College of Preventive Medicine Annual Meeting, Austin, TX, February 20-23, 2008.

3. **Kruse JL**, Nigon J, Weiss J, St. Sauver J, Lahr B, Sia I. Health Status of Racial/Ethnic Minorities at the Adult Literacy Program in Rochester, MN: Identifying the Needs of a Population. Poster presentation, American College of Preventive Medicine Annual Meeting, Austin, TX, February 20-23, 2008.

4. **Kruse JL**, Schoenleber S, Kurtz DM, Grande JP. Students Teaching Students: Facilitating a Culture of Peer Teaching in Medical School. Poster presentation, International Association of Medical Science Educators 12th Annual Meeting, Salt Lake City, UT, July 25-29, 2008.

5. Kurtz DM, **Kruse JL**, Schoenleber S, Grande JP. Podcast Reviews in a Medical School Pathology Course. Poster presentation, International Association of Medical Science Educators 12th Annual Meeting, Salt Lake City, UT, July 25-29, 2008.

6. Schoenleber S, Kurtz DM, **Kruse JL**, Grande JP. Incorporating NEJM “Clinical Problem-Solving” into a Medical School Pathology Course. Poster presentation, International Association of Medical Science Educators 12th Annual Meeting, Salt Lake City, UT, July 25-29, 2008.

7. **Kruse JL**, Lennon VA, Lapid MI, O'Toole O, Frye MA, McKeon A. N-Methyl-D-Aspartate Receptor IgG Autoimmunity in a Psychiatric Context. Presented at APA Annual Meeting, New York, NY, May 4-7, 2014.

8. **Kruse JL**, Lennon VA, Lapid MI, O'Toole O, Frye MA, McKeon A. The Clinical and Serological Spectrum of Inpatient Neuropsychiatric Autoimmunity. Society of Biological Psychiatry Annual Meeting, New York, NY, May 8-10, 2014.

9. Cho JH*, **Kruse JL***, Eisenberger N, Irwin MR. Inflammation, Kynurenine Metabolism, and Depressed Mood: A Human Experimental Study. Annual Meeting of the American College of Neuropsychopharmacology, Hollywood, FL, Dec 4-8, 2016.

*These authors equally contributed to this work.

10. **Kruse JL**, Congdon E, Olmstead R, Njau S, Breen EC, Narr KL, Espinoza R, Irwin MR. Inflammation and Response to Electroconvulsive Therapy in Depression. Annual Meeting of the American College of Neuropsychopharmacology, Hollywood, FL, Dec 4-8, 2016.