

CURRICULUM VITAE
Allen D. Radant, MD

EDUCATION:

1975-76 San Diego State University, San Diego, CA.
1981 University of California, Los Angeles, CA
BS with Highest Departmental Honors (Psychobiology).
1985 University of California, Davis, CA, MD.

POSTGRADUATE TRAINING:

Internship,

7/85-7/86 University of Washington School of Medicine Affiliated Hospitals.
Combined Psychiatry, Internal Medicine and Neurology.

Residency

7/86-7/89 Psychiatry, Department of Psychiatry and Behavioral Sciences, University
of Washington School of Medicine, Seattle, WA.

Fellowship,

7/89-6/90 Geriatric Psychiatry, VA Medical Center, Seattle, WA.

FACULTY POSITIONS HELD:

1990-1994 Acting Instructor, Department of Psychiatry and Behavioral Sciences,
University of Washington School of Medicine, Seattle, WA.

1994-2001 Assistant Professor, Department of Psychiatry and Behavioral Sciences,
University of Washington School of Medicine, Seattle, WA.

2001-Present Associate Professor, Department of Psychiatry and Behavioral Sciences,
University of Washington School of Medicine, Seattle, WA.

HOSPITAL POSITIONS HELD:

7/90-present Staff Psychiatrist, Veterans Affairs Puget Sound Health Care System
(VAPSHCS), Seattle, WA.

1990-1993 Geriatric Psychiatrist--Geriatric Evaluation and Management Unit, VA
Medical Center, Seattle, WA. Leader of complex multidisciplinary
medical/psychiatric evaluation and treatment team. Included geriatric
psychiatry fellows, geriatric medicine fellows, medicine residents,
pharmacists, occupational and physical therapists, and nutritionists.

7/92-7/94 Unit Chief (rotating), Ward 7E,
VA Medical Center, Seattle, WA.

HONORS:

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1981 Graduation Magna Cum Laude with Highest Departmental Honors,
University of California, Los Angeles

1981 Phi Beta Kappa

1989 Sandoz Award for Outstanding Academic Performance as a Psychiatric
Resident

BOARD CERTIFICATION:

5/86 Diplomate of National Board of Medical Examiners

6/93 Board Certified in Psychiatry,
American Board of Psychiatry and Neurology (#037410)

6/94 Added Qualifications in Geriatric Psychiatry,
American Board of Psychiatry and Neurology (#1156)

LICENSE TO PRACTICE:

Medical License--Washington State #00024536--current

TEACHING RESPONSIBILITIES:**Catalogue Courses**

1990-1993 PBSci 685: Geriatric Psychiatry Clerkship, inpatient psychiatry
component. Supervised geriatric medicine and psychiatry fellows,
psychiatry residents, and medicine interns on complex multidisciplinary
team including social work, physical therapy, nursing, pharmacy, and
dietetics.

1993 PBSci 498: Independent Study in Medical Science (ISMS), assisted with
mentorship of student Tom Dean's undergraduate thesis, "Oculomotor
Function in Alzheimer's Disease."

1994-1999 ICM-II: preceptor for psychiatry portion.

1998-2009 Neurobiology of Schizophrenia., Yearly lecture to Second year Psychiatry
Residents.

2005-2009 Clinical Treatment of Depression. Yearly lecture to Second year Medical
Students.

2007-2009 Neurobiology of Schizophrenia. Yearly lecture to Graduate Students in
Neurobiology.

Continuing Medical Education

2/92 "Schizophrenia: Treatment Issues", South Sound Forums on Mental
Health Continuing Education

1/96 "Epidemiology, Risk Factors, and Neurobiology of Schizophrenia", South
Sound Forums on Mental Health Continuing Education

Lectures to the Community

6/98 "Neurobiology of Schizophrenia", presented to WAMI.

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6/99 "Helping Persons with Schizophrenia", community lecture presented at St. Mark's Cathedral, Seattle, WA.

6/2007 A primer on psychiatric genetics: How can genetics help?
Washington Behavioral Health Care Conference
Yakima, WA

3/2007 A primer on psychiatric genetics: How can
genetics help? National Alliance for the Mentally Ill Whatcom County (Radant)

8/2007 A primer on psychiatric genetics: How can
genetics help? National Alliance for the Mentally Ill Kitsap County

10/2006 : A primer on psychiatric genetics: How can genetics help?
National Alliance for the Mentally Ill Eastside

5/2006 "Schizophrenia and Schizoaffective Disorder. National Alliance for the Mentally Ill Eastside.

Yearly Lectures:

1. "Clinical treatment of depression" (in HUBIO 564 P-Principles of Pharmacology II)
Audience: second year medical students. Summary: Review of clinical pharmacologic treatment of depression with focus on side effects, drug interactions, managing patients with medical co-morbidity, and refractory/severe depression, Last given on 3-27-2009.
2. "Neurobiology of schizophrenia" (in schizophrenia series, PBSCI) Audience: Second year Psychiatry residents. Summary: Survey of basic neurobiology of schizophrenia including anatomic, histology, neurochemical, neurophysiological and neuropsychological perspectives. Last given on 8-6-2009.
3. "Neurobiology of schizophrenia for neurobiology graduate students" (in NEUBEH 559 Neurobiology of Disease) Audience: Neurobiology graduate students. Summary: Reviews detailed topics in schizophrenia, such as the role of the prefrontal cortex. Last given 5-27-2009

Fellow and Junior Faculty Mentorship

Have provided research teaching to the following persons, with focus on methodological issues, data interpretation, and eye movement data acquisition and analysis techniques.

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| 1993 | Randal Ross, M.D., Assistant Professor, University of Colorado Health Sciences Center |
| 1993 | Dane Wingerson, M.D., Assistant Professor, Department of Psychiatry and Behavioral Sciences, University of Washington School of Medicine |
| 1995 | Jim Hopfenbeck, M.D., Private Practice, Seattle, WA |

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1998-2000 Evan Kanter, M.D., Ph.D., Senior Fellow in Psychiatry
Research/Neurosciences, VA Puget Sound Health Care System

2008-present Christopher Gross, MD. Staff Psychiatrist, VA Puget Sound Health Care System

Other Research and Clinical Teaching:

1990-1998 Supervision of 4 psychiatric residents and 10 medical students per year on inpatient psychiatry ward service.

1996-present Coordination of the schizophrenia module of the R2 didactics. Includes developing syllabus, determining course content, choosing lecturers, reviewing lecture assessments, and quality improvement.

1998-2000 Supervision of two outpatient psychiatry residents. Supervision of inpatient psychiatric residents 6 weeks per year.

2000-present Supervision of one outpatient psychiatry resident and generally serve as off-ward supervisor for one inpatient resident.

SPECIAL NATIONAL RESPONSIBILITIES:

1993 Primary programmer for eye movement data acquisition and data analysis software used at National Institutes of Mental Health. This software automatically identifies and characterizes the major types of human eye movements, thus markedly increasing the efficiency and accuracy of human oculomotor research.

SPECIAL LOCAL RESPONSIBILITIES:

1986-1987 Curriculum Committee, Department of Psychiatry and Behavioral Sciences
University of Washington, Seattle, WA

5/95 Chaired committee to determine feasibility of providing in house care to veterans who are committed for psychiatric reasons. VA Medical Center, Seattle, WA

1997 Chaired committee which revised medical records forms for patients on inpatient psychiatry wards. VAPSHCS, Seattle, WA

1/99-2004 Member, Board of Directors, Evergreen Children's Association. Secretary 11/99-present. Provide expert advice on mental health issues, formulate policy, and perform general duties such as monitoring finances and fund raising.

GRANTS AS CO-INVESTIGATOR:

Current: Effects of Prazosin on neurophysiology and cognition in PTSD. Dorcas Dobie, PI. 2/2009-2/2012. \$150,000 per year 15% time.

Past:

PI, Consortium on the Genetics of Endophenotypes and Schizophrenia, NIH/NIMH RO1 MH65558 A1 (David Braff, Consortium PI), 5/1/03-2/29/09, \$389,210.

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Diazepam Response in Children of Alcoholics (Deborah Cowley, PI). 1R01AA09635-01 4-1-93 to 3-31-97; \$513,210; 10% time.

Human Eye Movements in Schizophrenia (Daniel Hommer, PI). VA Merit Review 10-1223, 4/92-3/95, \$300,000; 20% time.

BIBLIOGRAPHY

MANUSCRIPTS IN REFEREED JOURNALS

1. Nickoloff SE, **Radant AD**, Reichler R, Hommer DW: Smooth pursuit and saccadic eye movements and neurological soft signs in obsessive compulsive disorder. *Psychiatry Research*, **38**:173-186, 1991.
2. **Radant AD**, Hommer DW: A quantitative analysis of saccades and smooth pursuit during visual pursuit tracking: A comparison of schizophrenics with normals and substance abusing controls. *Schizophrenia Research*, **6**:225-235, 1992.
3. **Radant AD**, Peskind ER, Wilkinson CW, Veith RC, Dorsa DM, Leake RD, Ervin MG, Raskind MA: Neurohypophyseal and pituitary-adrenocortical responses to the alpha 1 agonist methoxamine in humans. *Neuroendocrinology*, **55**:361-366, 1992.
4. Roy-Byrne P, Fleishaker J, Arnett C, Dubach M, Stewart J, **Radant AD**, Veith R, Graham M: Effects of acute and chronic alprazolam treatment on cerebral blood flow, memory, sedation and plasma catecholamines. *Neuropsychopharmacology*, **8**:161-169, 1993.
5. Peskind ER, **Radant AD**, Dobie DJ, Hughes J, Wilkinson CW, Sikkema C, Veith RC, Dorsa DM, Raskind MA: Hypertonic saline infusion increases plasma norepinephrine concentrations in normal men. *Psychoneuroendocrinology*, **18**:103-113, 1993.
6. Ross RG, **Radant AD**, Hommer DW: A developmental study of smooth pursuit eye movements in normal children from 7 to 15 years of age. *Journal of the American Academy of Child & Adolescent Psychiatry*, **32**:783-791, 1993.
7. Roy-Byrne PP, Cowley DS, **Radant AD**, Hommer D, Greenblatt DJ: Benzodiazepine pharmacodynamics: Utility of eye movement measures. *Psychopharmacology*, **110**:85-91, 1993.
8. Ross RG, **Radant AD**, Hommer DW: Open- and closed-loop smooth-pursuit eye movements in normal children: Analysis of a step-ramp task. *Developmental Neuropsychology*, **10**: 255-264, 1994.
9. Cowley DS, Roy-Byrne PP, **Radant AD**, Hommer DW, Greenblatt DJ, Vitaliano PP, Godon C: Eye movement effects of diazepam in sons of alcoholic fathers and male control subjects. *Alcohol Clinical Exp Research*, **18**:324-332, 1994.
10. Litman RE, Hommer DW, **Radant AD**, Clem T, Pickar D: Quantitative effects of typical and atypical neuroleptics on smooth pursuit eye tracking in schizophrenia. *Schizophrenia Research*, **12**:107-120, 1994.

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11. Ross RG, Hommer DW, Breiger D, Varley C, **Radant AD**: Eye movement task related to frontal lobe functioning in children with attention deficit disorder. *Journal of the American Academy of Child & Adolescent Psychiatry*, **33**:869-874, 1994.
12. Ross RG, **Radant AD**, Young DA, Hommer DW: Saccadic eye movements in normal children from 8 to 15 years of age: A developmental study of visuospatial attention. *J Autism Developmental Disorders*, **24**:413-431, 1994.
13. Hopfenbeck JR, Cowley DS, **Radant AD**, Greenblatt DJ, Roy-Byrne PP: Effects of diphenhydramine on human eye movements. *Psychopharmacology*, **118**:280-286, 1995.
14. Cowley DS, Roy-Byrne PP, **Radant AD**, Ritchie JC, Greenblatt DJ, Nemeroff CB, Hommer DW: Benzodiazepine sensitivity in panic disorder: Effects of chronic alprazolam treatment. *Neuropsychopharmacology*, **12**:147-157, 1995.
15. Roy-Byrne P, **Radant AD**, Wingerson D, Cowley DS: Human oculomotor function: Reliability and diurnal variation. *Biological Psychiatry*, **38**:92-97, 1995.
16. Ross RG, Hommer D, **Radant AD**, Roath M, Freedman R: Early expression of smooth pursuit eye movement abnormalities in children of schizophrenic parents. *Journal of the American Academy of Child & Adolescent Psychiatry*, **35**: 941-949, 1996.
17. Roy-Byrne PP, Wingerson DK, **Radant AD**, Greenblatt DJ, Cowley DS: Reduced benzodiazepine sensitivity in patients with panic disorder: Comparison with patients with obsessive-compulsive disorder and normal subjects. *American Journal of Psychiatry*, **153**(11):1444-1449, 1996.
18. Litman RE, Torrey EF, Hommer DW, **Radant AD**, Pickar D, Weinberger DR: A quantitative analysis of smooth pursuit eye tracking in monozygotic twins discordant for schizophrenia. *Archives of General Psychiatry*, **54**:417-426, 1997.
19. **Radant AD**, Claypoole K, Wingerson DK, Cowley DS, Roy-Byrne PP: Relationships between neuropsychological and oculomotor measures in schizophrenia patients and normal controls. *Biological Psychiatry*, **42**:797-805, 1997.
20. Bowdle TA, **Radant AD**, Cowley DS, Kharasch ED, Strassman RJ, Roy-Byrne PP: Psychedelic effects of ketamine in healthy volunteers: Relationship to steady-state plasma concentrations. *Anesthesiology*, **88**: 82-88, 1998.
21. Ross RG, Harris JG, Olincy A, **Radant AD**, Adler LE, Freedman R: Familial transmission of two independent saccadic abnormalities in schizophrenia. *Schizophrenia Research*, **30**: 59-70, 1998.
22. Ross RG, Olincy A, Harris JG, **Radant AD**, Adler LE, Freedman R: Anticipatory saccades during smooth pursuit eye movements and familial transmission of schizophrenia. *Biological Psychiatry*, **44**(8) 690-697, 1998.
23. **Radant AD**, Bowdle TA, Cowley DS, Kharasch ED, Roy-Byrne PP: Does ketamine-mediated n-methyl-d-aspartate receptor antagonism cause schizophrenia-like oculomotor abnormalities? *Neuropsychopharmacology*, **19**: 434-444, 1998.
24. Ross RG, Olincy A, **Radant A**: Amplitude criteria and anticipatory saccades during smooth pursuit eye movements in schizophrenia. *Psychophysiology*, **36**: 464-8, 1999.

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25. Ross RG, Olincy A, Harris JG, **Radant A**, Hawkins M, Adler LE, Freedman R: Evidence for bilineal inheritance of physiological indicators of risk in childhood-onset schizophrenia. *American Journal of Medical Genetics*, **88**: 188-99, 1999.
26. Ross RG, Olincy A, Harris JG, **Radant A**, Adler LE, Compagnon N, Freedman R: The effects of age on a smooth pursuit tracking task in adults with schizophrenia and normal subjects. *Biological Psychiatry*, **46**: 383-91, 1999.
27. Ross RG, Olincy A, Harris JG, Sullivan B, **Radant A**: Smooth pursuit eye movements in schizophrenia and attentional dysfunction: Adults with schizophrenia, ADHD, and a normal comparison group. *Biological Psychiatry*, **48**:197-203, 2000.
28. Ross RG, Harris JG, Olincy A, **Radant A**: Eye movement task measures inhibition and spatial working memory in adults with schizophrenia, ADHD, and a normal comparison group. *Psychiatry Research*, **95**: 35-42, 2000.
29. Kanter ED, Wilkinson CW, **Radant AD**, Petrie EC, Dobie DJ, McFall ME, Peskind ER, Raskind MA: Glucocorticoid feedback sensitivity and adrenocortical responsiveness in posttraumatic stress disorder. *Biological Psychiatry*, 50:238-45, 2001.
30. **Radant A**, Tsuang D, Peskind ER, McFall M, Raskind W: Biological markers and diagnostic accuracy in the genetics of posttraumatic stress disorder. *Psychiatry Research*, 24: 203-15, 2001.
31. Ross RG, Olincy A, Zerbe G, **Radant A**: Which duration of postsaccadic slowing identifies anticipatory saccades during smooth pursuit eye movements? *Psychophysiology*, 38: 325-33, 2001.
32. Ross RG, Olincy A, Mikulich SK, **Radant AD**, Harris JG, Waldo M, Compagnon N, Heinlein S, Leonard S, Zerbe GO, Adler L, Freedman R. Admixture analysis of smooth pursuit eye movements in probands with schizophrenia and their relatives suggests gain and leading saccades are potential endophenotypes. *Psychophysiology*, 39: 809-19, 2002.
33. Raskind MA, Peskind ER, Kanter ED, Petrie EC, **Radant A**, Thompson CE, Dobie DJ, Hoff D, Rein RJ, Straits-Troster K, Thomas RG, McFall MM. Reduction of nightmares and other PTSD symptoms in combat veterans by prazosin: a placebo-controlled study. *American Journal of Psychiatry*, 160:371-3, 2003.
34. Swerdlow NR, Sprock J, Light GA, Cadenhead K, Calkins ME, Dobie DJ, Freedman R, Green MF, Greenwood TA, Gur RE, Mintz J, Olincy A, Nuechterlein KH, **Radant AD**, Schork NJ, Seidman LJ, Siever LJ, Silverman JM, Stone WS, Tsuang DW, Tsuang MT, Turetsky BI, Braff DL. Multi-site studies of acoustic startle and prepulse inhibition in humans: initial experience and methodological considerations based on studies by the Consortium on the Genetics of Schizophrenia. *Schizophrenia Research*, 2007 May;92(1-3):237-51. Epub 2007 Mar 8.
35. Greenwood TA, Braff DL, Light GA, Cadenhead KS, Calkins ME, Dobie DJ, Freedman R, Green MF, Gur RE, Gur RC, Mintz J, Nuechterlein KH, Olincy A, **Radant AD**, Seidman LJ, Siever LJ, Silverman JM, Stone WS, Swerdlow NR, Tsuang DW, Tsuang MT, Turetsky BI, Schork NJ. Initial heritability analyses of endophenotypic measures for schizophrenia: the consortium on the genetics of schizophrenia. *Archives of General Psychiatry*, 2007 Nov;64(11):1242-50.

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36. Turetsky BI, Calkins ME, Light GA, Olincy A, **Radant AD**, Swerdlow NR. Neurophysiological endophenotypes of schizophrenia: the viability of selected candidate measures. *Schizophrenia Bulletin*, 2007 Jan;33(1):69-94. Epub 2006 Nov 29.
37. Calkins ME, Dobie DJ, Cadenhead KS, Olincy A, Freedman R, Green MF, Greenwood TA, Gur RE, Gur RC, Light GA, Mintz J, Nuechterlein KH, **Radant AD**, Schork NJ, Seidman LJ, Siever LJ, Silverman JM, Stone WS, Swerdlow NR, Tsuang DW, Tsuang MT, Turetsky BI, Braff DL. The Consortium on the Genetics of Endophenotypes in Schizophrenia: model recruitment, assessment, and endophenotyping methods for a multisite collaboration. *Schizophrenia Bulletin*, 2007 Jan;33(1):33-48. Epub 2006 Oct 11.
38. **Radant AD**, Dobie DJ, Calkins ME, Olincy A, Braff DL, Cadenhead KS, Freedman R, Green MF, Greenwood TA, Gur RE, Light GA, Meichle SP, Mintz J, Nuechterlein KH, Schork NJ, Seidman LJ, Siever LJ, Silverman JM, Stone WS, Swerdlow NR, Tsuang MT, Turetsky BI, Tsuang DW. Successful multi-site measurement of antisaccade performance deficits in schizophrenia. *Schizophrenia Research*, 2007 Jan;89(1-3):320-9. Epub 2006 Oct 3.
39. Horan WP, Braff DL, Nuechterlein KH, Sugar CA, Cadenhead KS, Calkins ME, Dobie DJ, Freedman R, Greenwood TA, Gur RE, Gur RC, Light GA, Mintz J, Olincy A, **Radant AD**, Schork NJ, Seidman LJ, Siever LJ, Silverman JM, Stone WS, Swerdlow NR, Tsuang DW, Tsuang MT, Turetsky BI, Green MF. Verbal working memory impairments in individuals with schizophrenia and their first-degree relatives: Findings from the Consortium on the Genetics of Schizophrenia. *Schizophrenia Research*, 2008 Apr 10. [Epub ahead of print].
40. Greenwood TA, Braff DL, Light GA, Cadenhead KS, Calkins ME, Dobie DJ, Freedman R, Green MF, Gur RE, Gur RC, Mintz J, Nuechterlein KH, Olincy A, **Radant AD**, Seidman LJ, Siever LJ, Silverman JM, Stone WS, Swerdlow NR, Tsuang DW, Tsuang MT, Turetsky BI, Schork NJ. Initial heritability analyses of endophenotypic measures for schizophrenia: the consortium on the genetics of schizophrenia. *Archives of General Psychiatry*, 2007 Nov;64(11):1242-50.
41. Swerdlow NR, Sprock J, Light GA, Cadenhead K, Calkins ME, Dobie DJ, Freedman R, Green MF, Greenwood TA, Gur RE, Mintz J, Olincy A, Nuechterlein KH, **Radant AD**, Schork NJ, Seidman LJ, Siever LJ, Silverman JM, Stone WS, Tsuang DW, Tsuang MT, Turetsky BI, Braff DL. Multi-site studies of acoustic startle and prepulse inhibition in humans: initial experience and methodological considerations based on studies by the Consortium on the Genetics of Schizophrenia. *Schizophrenia Research*, 2007 May;92(1-3):237-51. Epub 2007 Mar 8.
42. Horan WP, Braff DL, Nuechterlein KH, Sugar CA, Cadenhead KS, Calkins ME, Dobie DJ, Freedman R, Greenwood TA, Gur RE, Gur RC, Light GA, Mintz J, Olincy A, **Radant AD**, Schork NJ, Seidman LJ, Siever LJ, Silverman JM, Stone WS, Swerdlow NR, Tsuang DW, Tsuang MT, Turetsky BI, Green MF. Verbal working memory impairments in individuals with schizophrenia and their first-degree relatives: findings from the Consortium on the Genetics of Schizophrenia. *Schizophrenia Research*, 2008 Aug;103(1-3):218-28.
43. Turetsky BI, Greenwood TA, Olincy A, **Radant AD**, Braff DL, Cadenhead KS, Dobie DJ, Freedman R, Green MF, Gur RE, Gur RC, Light GA, Mintz J, Nuechterlein KH, Schork NJ,

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Seidman LJ, Siever LJ, Silverman JM, Stone WS, Swerdlow NR, Tsuang DW, Tsuang MT, Calkins ME. Abnormal auditory N100 amplitude: a heritable endophenotype in first-degree relatives of schizophrenia probands. *Biological Psychiatry*, 2008 Dec 15;64(12):1051-9.

44. Radant AD, Dobie DH, Peskind ER, Murburg MM, Petrie EC, Kanter ED, Raskind MA, Wilkinson CW. Adrenocortical responsiveness to infusions of physiological doses of ACTH is not altered in posttraumatic stress disorder. *Frontiers in Behavioral Neuroscience*, 2009; 3:40. Epub 2009 Oct 30.
45. Radant AD, Dobie DJ, Calkins ME, Olincy A, Braff DL, Cadenhead KS, Robert Freedman R, Green MF, Greenwood TA, Gur RE, Gur RC, Light GA, Meichle SP, Millard SP, Mintz J, Nuechterlein KH, Schork NJ, Seidman LJ, Siever LJ, Silverman JM, Stone WS, Swerdlow NR, Tsuang MT, Turetsky BI, Tsuang DW. Antisaccade performance in schizophrenia patients, their first-degree biological relatives, and community comparison subjects: Data from the COGS study. *Psychophysiology*, in press 11-2009.

OTHER PUBLICATIONS

46. **Radant A:** Seattle Eye Movement Analysis System. National Institutes of Mental health, Bethesda, MD, 1995.

ABSTRACTS AND PRESENTATIONS:

1. Litman RE, Ollo C, Clem T, Hommer DW, **Radant AD**, Rubinow D, Pickar D: Smooth pursuit eye movement abnormalities in patients with HIV 1 infection: Early detection of CNS dysfunction. *New Research, Abstracts of 142nd Meeting of the American Psychiatric Association*, May, 1989.
2. Hommer DW, **Radant AD:** Excessive anticipatory saccadic eye movements in schizophrenia. Presented at 2nd International Conference on Schizophrenia, 1989.
3. Hommer DW, **Radant AD:** Analysis of visually guided and anticipatory saccades during saccadic eye movement tasks: A comparison of schizophrenics with normals and substance abusing controls. Presented at Schizophrenia 1990: Poised for Discovery--an International Conference, 1990.
4. Roy-Byrne PP, Fleishhaker J, Arnett C, Dubach M, **Radant A**, Stewart J, Graham M: Effects of acute and chronic alprazolam on cerebral blood flow, memory, and plasma catecholamines. *American College Neuropsychopharm Scientific Abstract*, 1991.
5. Cowley DS, Hopfenbeck J, **Radant A**, Roy-Byrne PP: Eye movement effects of diphenhydramine in healthy males. *American College Neuropsychopharm Scientific Abstr*, 1993.
6. Roy-Byrne P, **Radant A**, Wingerson D, Cowley D: Human oculomotor function: Reliability and diurnal variation. *American College Neuropsychopharm Scientific Abstract*, 1993.
7. **Radant AD**, Wingerson DK, Claypoole K, Cowley DS, Roy-Byrne PP: Neuropsychological-oculomotor relationships in schizophrenia. *Abstracts of the West Coast College of Biological Psychiatry Annual Meeting*, April, 1995.

1

8. **Radant AD**, Wingerson DK, Cowley DS, Roy-Byrne PP: Performance of schizophrenia patients and controls on a battery of oculomotor tasks. *Abstracts of the West Coast College of Biological Psychiatry Annual Meeting*, April, 1995.
9. Ross RG, Harris JG, Olincy A, **Radant AD**, Alder LE, Freedman RF: Saccadic eye movements in parents of probands with schizophrenia: An obligate carrier approach. *Society for Neuroscience Abstract*, **21**:745, 1995.
10. **Radant A**, Bowdle A, Cowley DS, Kharash E, Roy-Byrne PP: Oculomotor, cognitive and subjective effects of ketamine in normals. *American College Neuropsychopharm Scientific Abstract*, 137, 1995.
11. Roy-Byrne PP, Wingerson DK, **Radant A**, Greenblatt DJ, Cowley DS: Benzodiazepine sensitivity in panic and obsessive compulsive disorders. *American College Neuropsychopharm Scientific Abstract*, 156, 1995.
12. Roy-Byrne P, **Radant A**, Bowdle A, Kharash E, Cowley D: Oculomotor, cognitive and subjective effects of ketamine in normals. *Abstract Society of Biological Psychiatry*, 1996.
13. Roy-Byrne P, Wingerson D, **Radant A**, Greenblatt D, Cowley D: Benzodiazepine sensitivity in panic and obsessive compulsive disorder. *Abstract Society of Biological Psychiatry*, 1996.
14. **Radant AD**, Olincy A, Calkins ME, Dobie DJ, Meichle SP, Tsuang DW, David AC: Saccadic Latencies are related to Diagnosis and Overall Antisaccade Task Performance: Analysis of Antisaccade Data from the Consortium on the Genetics of Schizophrenia (COGS) Data Set. *Abstract Society of Biological Psychiatry*, **in press**.
15. **Radant, A**, Calkins, M, Olincy, A, Dobie, D, Meichle, P, Tsuang, D and the Consortium on the Genetics of Schizophrenia (COGS): Reliability and validity of the antisaccade endophenotype in a large multisite study. *International Congress on Schizophrenia Research*, April 2005.
16. **Allen Radant**, Dorcas Dobie, Sean Meichle, Sara Goodnow, Denise Pritzl, Debby Tsuang, Novel analog version of the antisaccade task with manual response: Application to schizophrenia patients. *Presented at the Society of Biological Psychiatry annual meeting in Washington, DC*, May, 2008.