

(Updated 9 March 2005)

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EDUCATION

- 5/82** Bachelor of Arts, Butler University, Indianapolis, Indiana. Major: Psychology. Cum laude.
- 12/85** Master of Arts, Kent State University, Kent, Ohio. Major: Clinical Psychology. Thesis: "The effects of false heart rate feedback on different measures of aggression." Advisor: Richard Hirschman, D.M.D., Ph.D.
- 8/89** Doctor of Philosophy, Kent State University, Kent, Ohio. Major: Clinical Psychology. Dissertation: "Pursuit eye movement dysfunction as a biological marker for schizophrenia." Advisor: Michael Hirt, Ph.D.

ACADEMIC POSITIONS

- 7/91-6/94** Assistant Professor of Psychology, University of California, San Diego, La Jolla, CA.
- 7/94-6/00** Associate Professor of Psychology, University of California, San Diego, La Jolla, CA.
- 4/00-7/00** Guest Professor, University of Konstanz, Konstanz, Germany.
- 7/00-7/02** Professor of Psychology, University of California, San Diego, La Jolla, CA.
- 7/02-pres** Professor of Psychology, University of Georgia, Athens, GA.
- 7/03-pres** Co-Director, Bio-Imaging Research Center (BIRC), Dense array EEG/MEG Section, Biomedical and Health Sciences Institute, University of Georgia, Athens, GA.

GRANT SUPPORT

- 1/92-6/92** UCSD Academic Senate Grant RR182-G (\$4835). "Liability for schizophrenia." (Principal Investigator)
- 7/92-6/93** UCSD Academic Senate Grant RS143-G (\$5040). "Liability for schizophrenia." (Principal Investigator)
- 9/92-8/95** NIMH R03 MH49906 (\$98,571). "Psychophysiology and liability for schizophrenia." (Principal Investigator)
- 9/93-6/98** NIMH R29 MH51129 (\$285,270). "Ocular motor and neuroanatomic studies of schizophrenia." (Principal Investigator)
- 7/95-6/96** Tourette Syndrome Association Permanent Research Fund, Inc. (\$23,543). "Saccadic system functioning in Tourette Syndrome." (Principal Investigator)

- 5/96-6/97** UCSD Academic Senate Grant RV230-G (\$5380) "Genetic linkage studies of schizophrenia." (Principal Investigator)
- 10/97-9/00** Veterans Administration Merit Review Grant (\$300,000) "Mapping genes for information processing in schizophrenia." (Co-Investigator; John Kelsoe, M.D., Principal Investigator)
- 12/98-11/04** NIMH R01 (\$510,180) "Ocular motor and neuroanatomic studies of schizophrenia." (Principal Investigator)
- 4/00-4/04** NIMH R01 (\$301,406) "MEG studies of P50 suppression in schizophrenia." (Principal Investigator).
- 9/00-8/04** NARSAD (\$97,552) "Genetic study of schizophrenia among multiplex families from Palau, Micronesia." (Principal Investigator).
- 1/04-6/04** UGA Gerontology Center Pilot Project Award (\$5000). "MEG Study of auditory processing in aging." (Principal Investigator).
- 8/04-7/07** Franklin Foundation Award to Bio-Imaging Research Center (\$150,000). Private foundation award. (Co-Awardee with Drs. Steve Miller and Jennifer McDowell).
- 2/05-2/08** NIMH R01 (\$600,000) "MEG studies of P50 suppression in schizophrenia." (Principal Investigator).
- 6/05-5/07** NIA R03 (\$100,000) "MEG studies of rapid auditory processing in aging" (Principal Investigator; Under review).
- 7/05-6/07** Georgia Tech/UGA Biomedical Research Program (\$100,000) " Neural mechanisms for individual variability in altered cognitive functioning with increasing age" (Co-Principal Investigator, Under review).

CLINICAL TRAINING

- 3/81-3/82** New Hope Foundation of Indiana, Indianapolis, Indiana. Developmental Skills Technician.
- 5/83-6/84** Psychology Department, Kent State University, Kent, Ohio. Clinical Practicum.
- 3/84-6/85** Mental Health Center of Eastern Stark County, Alliance, Ohio. Psychology Traineeship.
- 7/85-6/86** Akron Child Guidance Center, Barberton, Ohio. Psychology Traineeship.
- 7/86-6/88** New York Hospital-Cornell University Medical College. Fellow of Psychology in Psychiatry, Payne Whitney Clinic.
- 7/88-6/89** New York Hospital-Cornell University Medical College. Senior Psychology Fellow, Payne Whitney Clinic.

RESEARCH TRAINING

- 8/82-5/84** Psychology Department, Kent State University, Kent, Ohio. Research Assistantship.
- 7/87-6/89** New York Hospital-Cornell University Medical College. Predoctoral Fellowship.
- 8/89-7/91** Department of Psychology, University of Minnesota. Post-doctoral Fellowship in Behavioral Genetics (USPHS Training Grant, Institutional RSA #AG00143).

TEACHING EXPERIENCE

- 9/89-12/89** Lecturer in Psychology, Department of Psychology, Continuing Education and Extension, University of Minnesota.
- Undergraduate Course:** Psychology and Living.
- 9/91-7/02** Assistant to Full Professor of Psychology, University of California, San Diego.

Undergraduate courses: Abnormal Psychology; Advanced Abnormal Psychology; Introduction to Statistics.

Graduate courses: Selected Topics in Psychopathology; Biopsychology Proseminar; Introduction to Experimental Psychopathology; Evaluating Scientific Hypotheses in Psychology.

7/02-pres Full Professor, University of Georgia

Undergraduate courses: How the Brain does Various Things, Cognitive Neuroscience, EEG and MEG Research in Psychology.

Graduate courses: History of Psychology, Cognitive Neuroscience, EEG and MEG Research in Psychology

AWARDS AND HONORS

- 1981** Edgar Yeager Award, presented to the outstanding student in psychology, Butler University, Indianapolis, Indiana.
1982 Sigma Xi Inductee, Butler University, Indianapolis, Indiana.
1989 Young Investigator Award, 2nd International Congress on Schizophrenia Research, San Diego, California.
1997 Distinguished Scientific Award for an Early Career Contribution (Society for Psychophysiological Research).
2001 Essel Investigator, National Alliance for Research on Schizophrenia and Depression

PROFESSIONAL ACTIVITIES

Licensed Psychologist:

1992-2001 State of California, #PSY 13092

Memberships in Professional Organizations:

- 1989-present** American Psychological Society
1994-present Society of Biological Psychiatry
1996-present Society for Neuroscience
1990-present Society for Psychophysiological Research
2002-present Cognitive Neuroscience Society

Reviewer for:

American Journal of Psychiatry; Archives of General Psychiatry*; Biological Psychiatry*; Biological Psychology; British Journal of Psychiatry; Cerebral Cortex*, Contemporary Psychology; European Archives of Psychiatry and Clinical Neuroscience; European Journal of Neuroscience*, Experimental Brain Research*; International Journal of Psychophysiology*; Journal of Abnormal Psychology*; Journal of Neurophysiology*; Methods in Psychiatric Research; Psychiatry Research; Psychological Assessment: A Journal of Consulting and Clinical Psychology; Psychological Bulletin; Psychological Methods; Psychonomic Bulletin & Review; Psychopharmacology; Psychophysiology*; Science; Schizophrenia Bulletin; Schizophrenia Research*.

2002-present Editorial Board, International Journal of Psychophysiology

*Reviewed for in the last year

Committees:

University:

- 7/96-6/97** Ad hoc tenure review committee
2003-04 UGA Research Office Grant Review Committee

Departmental:

- 7/92-6/94** Colloquium Committee (Chair)
7/94-present Graduate Affairs Committee
7/94-6/96 Colloquium Committee (Distinguished Lecturer Series)
7/94-6/95 Ad hoc Tenure Review Committee
7/94-6/95 Biopsychology Search Committee
7/95-6/96 Ad hoc Tenure Review Committee
7/96-6/97 Ad hoc Tenure Review Committee
7/96-6/97 Biopsychology Search Committee (Chair)
7/98-6/99 Biopsychology Search Committee (Chair)
7/98/6/99 Ad hoc Merit Review Committee
7/00/6/01 Ad hoc Tenure Review Committee
8/02-present Long Range Planning Committee
9/3-4/04 Cognitive Neuroscience Search Committee
8/04 Interim Department Head Search Committee (Chair)

Other:

- 10/92** Tursky Award Committee (for outstanding graduate student poster), 32nd annual meeting of the Society for Psychophysiological Research, San Diego, California.
3/95 Ad hoc reviewer, PHS Child Psychopathology and Treatment Review Committee.
4/95 Ad hoc Reviewer, PHS B/Start
96-99 Society for Psychophysiological Research, By-Laws Committee
96-98 Society for Psychophysiological Research, Program Committee
8/96 VA Merit Review (Ad Hoc Reviewer)
11/97 British Columbia Health Research Foundation (Ad Hoc Reviewer)
4/98 PHS, B/Start (Ad Hoc Reviewer)
11/98 KU Medical Center Research Institute, Reviewer for faculty research proposal.
03/00 PHS, B/Start (Ad Hoc Reviewer)
03/01 VA Merit Review (Ad Hoc Reviewer)
03/01 Wellcome Trust Grant (Ad Hoc Reviewer)
09/02 PHS, B/Start (Ad Hoc Reviewer)

04/03-pres	Reviewer for Conte Center Grants (NIH)
09/03-pres	VA Merit Review Subcommittee for Mental health and Behavioral Sciences (Member)
10/04-pres	NIMH, Neural Basis of Psychopathology, Addictions and Sleep Disorders (Temporary member)
3/05	NIMH Imaging and Mood Disorders II (Ad Hoc Reviewer)

STUDENT SUPERVISION

Undergraduate:

- **Reid, Stephanie (1992).** "Ocular motor functioning of patients with schizotypal personality disorder and the first-degree biological relatives of schizophrenics." (Honors Thesis, University of California, San Diego).
- **Hartley, Nichole (1992).** "Violence against women." (Academic Internship Program, University of California, San Diego).
- **Kremer, Stephanie (1992).** "The Wisconsin Card Sorting Test: A test of frontal lobe deficits in schizophrenia." (Academic Internship Program, University of California, San Diego).
- **Goff, Arleen B. (1993).** "A mathematical analysis of the main sequence for volitional saccades." (Honors Thesis, University of California, San Diego).
- **Lam, Mona N. (1993).** "Saccadic eye movement dysfunction in obsessive-compulsive disorder." (Honors Thesis, University of California, San Diego).
- **Palitz, Jeff (1993).** "Adolescent depression and interpersonal development." (Academic Internship Program, University of California, San Diego).
- **Rogosin, Jennifer (1993).** "CPT task difficulty: The key to measuring sustained attention." (Honors Thesis, University of California, San Diego).
- **Spence, John T. (1993).** "The effect of nicotine on ocular motor performance." (Honors Thesis, University of California, San Diego).
- **Gottlieb, Marc R. (1994).** "Ability to produce short reaction time saccades as a function of gap interval among schizophrenia patients." (Honors Thesis, University of California, San Diego).
- **Larsen, Jeff T. (1995).** "The heritability of ocular motor functioning: a twin study." (Honors Thesis, University of California, San Diego).
- **Leon, Scott C. (1995).** "Using saccade metrics to assess inhibitory functioning among schizophrenics on the antisaccade task." (Honors Thesis, University of California, San Diego).
- **Stewart, Jennifer (1998).** "P50 suppression among bipolar disorder and schizophrenia patients." (Honors Thesis, University of California, San Diego).
- **Barber, Stefanie (2000).** "Effect of stimulus expectancies on auditory evoked response suppression." (Honors Thesis, University of California, San Diego).
- **Dzau, Jacqueline (2001).** "MEG study of auditory evoked responses suppression to monaural stimuli in schizophrenia." (Honors Thesis, University of California, San Diego).
- **Brahmbhatt, Shefali (2002).** "Neural correlates of visuospatial attention and saccadic behavior as revealed by EEG." (Honors Thesis, University of California, San Diego).

Graduate:

- **McDowell, Jennifer E. (1992).** "Reflexive, predictive, and anti-saccades in schizophrenia." (First Year Research Project and Masters Thesis, Department of Psychology, University of California, San Diego).
- **Farber, Robert H. (1994).** "Visually-guided and predictive saccades in obsessive-compulsive disorder." (First Year Research Project and Masters Thesis, Department of Psychology, University of California, San Diego).
- **Taffe, Michael (1995).** "The contribution of cholinergic and dopaminergic systems to delayed response and selective attention in the macaque." (Co-Chair, Dissertation Defense, Department of Psychology, University of California, San Diego).
- **Krebs, Kirstin (1996).** "Multiple Serotonin Receptor Influences in the Behavioral Effects of Hallucinogens in Rats: The Role of 5-HT1A and 5-HT2 Receptors." (Co-Chair, Dissertation Defense, Department of Psychology, University of California, San Diego).
- **McDowell, Jennifer E. (1996).** "Studies of saccadic system functioning in schizophrenia." (Dissertation Defense, Department of Psychology, University of California, San Diego).
- **Blumenfeld, Laura D. (1997).** "The gamma band response may account for poor P50 suppression in schizophrenia." (First Year Research Project and Masters Thesis, Department of Psychology, University of California, San Diego).
- **Farber, Robert H. (1998).** "Ocular motor system functioning in obsessive-compulsive disorder and Tourette Syndrome." (Dissertation Defense, Department of Psychology, University of California, San Diego).
- **Galuhn, Anthony (1999).** "Single trial analysis of cortical activity in response to saccades using functional magnetic resonance imaging." (First Year Research Project and Masters Thesis, Department of Psychology, University of California, San Diego).
- **Blumenfeld, Laura D. (2001).** "Auditory evoked response suppression in schizophrenia." (Dissertation Defense, Department of Psychology, University of California, San Diego).
- **Dzau, Jacqueline (2002).** "Effects of Binaural and Monaural Presentation of Pure Tone Stimuli on Auditory Evoked Responses." (Masters Thesis, University of California, San Diego).
- **Gilmore, Casey (2003).** "Stimulus sequence effects on P300 in schizophrenia." (First Year Research Project, University of Georgia).
- **Brigham, Timothy (2003).** "Neural substrates of prospective memory." (First Year Research Project, University of Georgia).
- **Gao, Yuan (2004).** "Evaluation of inhibition during anti-saccade performance using SSVEPs" (First Year Research Project, University of Georgia).
- **Brigham, Timothy (2005).** "Neural substrates of prospective memory." (Master's Thesis, University of Georgia).

BIBLIOGRAPHY

BOOK REVIEWS:

1. Clementz, B.A. Integrating research approaches of psychopathology. A review of *The Physiology of Psychological Disorders: Schizophrenia, Depression, Anxiety, and Substance Abuse* (1990), by James G. Hollandsworth, Jr., 318 pp. New York: Plenum. *Contemporary Psychology* 1991: 36, 883-884.
2. Clementz, B.A. Psychophysiology: The integration and mastery of a complex discipline. A review of *Principles of Psychophysiology: Physical, Social, and Inferential Elements* (1990), by John T. Cacioppo and Louis G. Tassinary (Eds.), 914 pp. Cambridge: Cambridge University Press. *Contemporary Psychology* 1992: 37, 197-198.
3. Clementz, B.A. Schizophrenia and the brain: The (gradually) unfolding story. A review of *Schizophrenia Research* (1991) (*Advances in neuropsychiatry and psychopharmacology*; v. 1), by Carol A. Tamminga and S. Charles Schulz (Eds.), 373 pp. New York: Raven Press. *Contemporary Psychology* 1993: 38, 39-40.

PAPER PRESENTATIONS AND COLLOQUIA:**(talks are in bold)**

1. Wildman, B.G., & Clementz, B.A. Assertive, empathic assertive, and conversational behavior: Perception of likability, effectiveness, and sex-role. Paper presented at the Midwestern Psychological Association annual meetings, Chicago, Illinois, May, 1984.
2. Rea, M.R., Sweeney, J.A., Clementz, B.A., Deck, M., Mann, J.J., & Frances, A. Saccades during visual fixation in schizophrenia. Presented at the American Psychiatric Association annual meetings, Montreal, Canada, May, 1988.
3. Sweeney, J.A., Shear, M.K., Halper, J., Clementz, B.A., De Meo, M., & Walsh, V. Eye tracking in obsessive compulsive disorder. Presented at the American Psychiatric Association annual meetings, Montreal, Canada, 1988.
4. Clementz, B.A., Sweeney, J.A., & Haas, G. Eye movement abnormalities and schizotypy in family members of probands with schizophrenia. Presented at the 2nd International Congress on Schizophrenia Research, San Diego, California, April, 1989 (Abstract published in *Schizophrenia Research*, 2, 89).
5. Sweeney, J.A., Clementz, B.A., Hill, J., Solomon, C., Weiden, P., & Frances, A. Eye movement abnormalities in schizophrenia. Paper presented at the 2nd International Congress on Schizophrenia Research, San Diego, California, April, 1989 (Abstract published in *Schizophrenia Research*, 2, 92).
6. Clementz, B.A., Sweeney, J.A., Weiden, P., Frances, A., & Mann, J.J. Eye movement dysfunction and schizotypy in first-degree relatives of probands with schizophrenia. Paper presented at the 44th annual meeting of the Society of Biological Psychiatry, San Francisco, California, May, 1989 (Abstract published in *Biological Psychiatry*, 25, 88A).
7. Sweeney, J.A., Haas, G., Clementz, B.A., Weiden, P., Frances, A., & Mann, J.J. Eye movement abnormalities in schizophrenia. Paper presented at the 44th annual meeting of the Society of Biological Psychiatry, San Francisco, California, May, 1989 (Abstract published in *Biological Psychiatry*, 25, 77A-78A).
8. Clementz, B.A., Grove, W.M., Iacono, W.G., Sweeney, J.A., & McGuire, K. Eye movement dysfunction (EMD) and schizotypy: Familial correlations in relatives of affected probands. Paper presented at the 20th annual meeting of the Behavior Genetics Association, Modane, France, June, 1990.
9. **Clementz, B.A., & Grove, W.M. Oculomotor dysfunction and liability for schizophrenia. Paper presented as part of a symposium entitled: "What can the study of oculomotor dysfunction tell us about schizophrenia?" (W.G. Iacono, Chair), 30th annual meeting of the Society for Psychophysiological Research, Boston, Massachusetts, October, 1990.**
10. Gooding, D.C., Clementz, B.A., Sweeney, J.A., & Iacono, W.G. Methods for assessing tracking proficiency: A comparative analysis. Paper presented at the 30th annual meeting of the Society for Psychophysiological Research, Boston, Massachusetts, October, 1990.
11. Clementz, B.A., Grove, W.M., Katsanis, J., & Iacono, W.G. Perceptual aberration and physical anhedonia in schizophrenics' relatives. Paper presented at the 5th annual meeting of the Society for Research in Psychopathology, Boulder, Colorado, December, 1990.
12. Clementz, B.A., Ficken, J., Iacono, W.G., & Beiser, M. A family study of nailfold capillary visibility in psychotic disorders. Paper presented at the 5th annual meeting of the Society for Research in Psychopathology, Boulder, Colorado, December, 1990.
13. Grove, W.M., Clementz, B.A., Iacono, W.G., & Katsanis, J. A segregation analysis of smooth pursuit eye movement dysfunction in the families of schizophrenics. Paper presented at the 21st annual meeting of the Behavior Genetics Association, St. Louis, Missouri, June, 1991.
14. Clementz, B.A., Sponheim, S., & Iacono, W.G. Resting EEG in chronic schizophrenia. Paper presented at the 31st annual meeting of the Society for Psychophysiological Research, Chicago, Illinois, October, 1991.
15. Clementz, B.A., Iacono, W.G., Sponheim, S., & Ficken, J. Multivariate psychophysiological assessment of

schizophrenia. Paper presented at the 6th annual meeting of the Society for Research in Psychopathology, Cambridge, Massachusetts, December, 1991.

16. Renk, K.F., Clementz, B.A., Iacono, W.G., Grove, W.M., & Hanson, D. Antisaccade movements and frontal lobe functioning in schizophrenics. Paper presented at the 6th annual meeting of the Society for Research in Psychopathology, Cambridge, Massachusetts, December, 1991.
17. Grove, W.M., Clementz, B.A., & Iacono, W.G. A segregation analysis of ocular motor dysfunction in schizophrenia: Evidence for a major gene. Paper presented at the American Psychopathological Association, New York, New York, March 1992.
18. Iacono, W.G., Grove, W.M., & Clementz, B.A. Evidence for a major gene influencing smooth pursuit dysfunction in schizophrenia. Paper presented at the Association for Research in Vision and Ophthalmology, Sarasota, Florida, March, 1992.
- 19. Clementz, B.A. Ocular motor functioning and the genetics of schizophrenia. Invited colloquium for the Summer Research Program at the University of California, San Diego, July, 1992.**
20. Lund, T.R., Iacono, W.G., Sponheim, S.R., & Clementz, B.A. The internal consistency reliability of resting EEG in normal controls and schizophrenic patients. Paper presented at the 32nd annual meeting of the Society for Psychophysiological Research, San Diego, California, October 1992.
21. Clementz, B.A., Sponheim, S.R., Iacono, W.G., & Beiser, M. Resting EEG in first-episode psychosis. Paper presented at the 32nd annual meeting of the Society for Psychophysiological Research, San Diego, California, October 1992.
22. Sponheim, S.R., Clementz, B.A., & Iacono, W.G. EEG abnormalities in first-episode and chronic schizophrenia. Paper presented at the 32nd annual meeting of the Society for Psychophysiological Research, San Diego, California, October 1992.
23. McDowell, J.E., Clementz, B.A., & Jernigan, T.L. Reflexive, predictive, and anti-saccades in schizophrenia. Paper presented at the 7th annual meeting of the Society for Research in Psychopathology, Palm Springs, California, November, 1992.
24. Clementz, B.A., Iacono, W.G., & Beiser, M. Symptoms diagnostic of schizophrenia: Discriminant analysis with external validation. Paper presented at the 7th annual meeting of the Society for Research in Psychopathology, Palm Springs, California, November, 1992.
25. Clementz, B.A., McDowell, J.E., Jernigan, T.L., & Braff, D.L. Saccadic abnormalities among schizophrenics, their first-degree biological relatives, and relationship to structural brain imaging. Paper presented at the Fourth International Congress on Schizophrenia Research, Colorado Springs, Colorado, April, 1993.
- 26. Clementz, B.A. Ocular motor abnormalities in schizophrenia: Implications for neuropathology. Invited colloquium presented at the UCSD Psychiatric Outpatient Clinic, San Diego, California, 10 December 1992.**
27. Sponheim, S.R., Clementz, B.A., & Iacono, W.G. Brain morphology correlates of the electroencephalogram in schizophrenia. Paper presented at the 8th annual meeting of the Society for Research in Psychopathology, Chicago, Illinois, October, 1993.
28. Clementz, B.A., McDowell, J.E., Lam, M.N., Swerdlow, N.R., & Braff, D.L. Antisaccades in schizophrenia, obsessive-compulsive disorder, and nonpsychiatric subjects. Paper presented at the 32nd annual meeting of the American College of Neuropsychopharmacology, Honolulu, Hawaii, December 1993.
- 29. Clementz, B.A. Eye movement abnormalities as a biological marker for schizophrenia. Invited colloquium presented at the First Annual California State University-San Marcos Psychology Student Research Fair, San Marcos, California, 13 April 1994.**
30. McDowell, J.E., Clementz, B.A., & Braff, D.L. Timing and amplitude during predictive saccadic tracking in schizophrenia. Paper presented at the 49th annual meeting of the Society for Biological Psychiatry, Philadelphia, Pennsylvania, April, 1994.

31. Clementz, B.A., Lam, M.L., & Swerdlow, N.R. Smooth pursuit eye movements and predictive saccades in patients with obsessive-compulsive disorder. Paper presented at the 49th annual meeting of the Society for Biological Psychiatry, Philadelphia, Pennsylvania, April, 1994.
32. Braff, D.L., Clementz, B.A., & Geyer, M.A. Sensory gating and schizophrenia: Critical methodological issues. Paper presented at the 49th annual meeting of the Society for Biological Psychiatry, Philadelphia, Pennsylvania, April, 1994.
33. Cadenhead, K.S., Clementz, B.A., McDowell, J.E., & Braff, D.L. Visual backward masking as a phenotypic marker in schizophrenic spectrum individuals. Paper presented at the 49th annual meeting of the Society for Biological Psychiatry, Philadelphia, Pennsylvania, April, 1994.
34. Clementz, B.A., & Gottlieb, M.R. The ability to produce short-reaction time saccades as a function of gap interval among schizophrenia patients. Paper presented at the Fifth International Congress on Schizophrenia Research, Warm Springs, Virginia, April, 1995.
35. Clementz, B.A., Chesak, C., Stearns, S.M., & McDowell, J.E. Saccadic and smooth pursuit responses to visual motion among schizophrenia patients. Paper presented at the Fifth International Congress on Schizophrenia Research, Warm, Springs, Virginia, April, 1995.
36. McDowell, J.E., Farber, R.H., & Clementz, B.A. Memory-guided saccade performance among schizophrenia and obsessive-compulsive disorder patients. Paper presented at the Fifth International Congress on Schizophrenia Research, Warm Springs, Virginia, April, 1995.
37. Larsen, J.T., & Clementz, B.A. Antisaccade performance among monozygotic and dizygotic twins. Paper presented at the annual meeting of the West Coast College of Biological Psychiatry, San Diego, California, April, 1995.
38. Clementz, B.A., & Schatz, A. Sustained attention as measured by the continuous performance test in schizophrenia patients, their relatives, and nonpsychiatric subjects. A paper presented at the annual meeting of the West Coast College of Biological Psychiatry, San Diego, California, April, 1995.
39. Farber, R.H., & Clementz, B.A. Smooth pursuit performance among obsessive-compulsive disorder patients. A paper presented at the annual meeting of the West Coast College of Biological Psychiatry, San Diego, California, April, 1995.
40. Braff, D.L., Clementz, B.A., & Geyer, M.A. P50 ERP suppression (gating) and habituation deficits in schizophrenia. Paper presented at the 50th annual meeting of the Society for Biological Psychiatry, Miami, Florida, May, 1995.
41. Farber, R.H., Clementz, B.A., Swerdlow, N.R., & Lehmann-Masten, V.D. Saccadic inhibition among Tourette syndrome patients. Paper presented at the 26th Annual Meeting of the Society for Neuroscience, Washington, D.C., November, 1996.
42. **Clementz, B.A. & McDowell, J.E. Eye movement abnormalities as indicators of schizophrenia risk. Paper presented at Park City Molecular Psychiatry Conference, Park City, Utah, February 1997.**
43. Clementz, B.A., Geyer, M.A., & Braff, D.L. P50 suppression deficits among the relatives of schizophrenia patients. Paper presented at the Biennial Meeting of the International Congress on Schizophrenia Research, Colorado Springs, Colorado, April, 1997.
44. McDowell, J.E., Blumenfeld, L.D., & Clementz, B.A. Fast reaction time predictive saccades among schizophrenia patients may be consistent with a failure of inhibition. Paper presented at the Biennial Meeting of the International Congress on Schizophrenia Research, Colorado Springs, Colorado, April, 1997.
45. McDowell, J.E., Brenner, C., & Clementz, B.A. Antisaccade performance of schizophrenia patients and relatives. Paper presented at the annual meeting of the Society of Biological Psychiatry, San Diego, California, May, 1997.
46. **Clementz, B.A. The neuropathology and genetics of schizophrenia: Evidence from studies of ocular motor performance. Invited paper presented at the 3rd European Congress of Psychophysiology, Konstanz, Germany, May 1997.**

47. **Clementz, B.A. Psychophysiological measures of (dis)inhibition as liability indicators for schizophrenia. Invited address on the occasion of receiving the Distinguished Scientific Award for an Early Career Contribution at the annual meeting of the Society for Psychophysiological Research, Cape Cod, Massachusetts, October 1997.**
48. Coon, H., Myles-Worsley, M., Hasstedt, S.J., McDowell, J.E., Clementz, B.A., & Byerley, W. Using correlated physiological abnormalities to create a sensitive phenotype for detecting schizophrenia susceptibility genes. Paper presented at the World Congress on Psychiatric Genetics, Sante Fe, NM., October 1997.
49. Clementz, B.A., McDowell, J.E., Brenner, C., Coon, H., Byerley, W., & Myles-Worsley, M. Measures of eye movement performance for identifying unaffected gene carriers in schizophrenia pedigrees. Paper presented at the World Congress on Psychiatric Genetics, Sante Fe, NM., October 1997.
50. McDowell, J.E., Coon, H., Myles-Worsley, M., Clementz, B.A., & Byerley, W. Linkage analyses of antisaccade performance among schizophrenia pedigrees. Paper presented at the World Congress on Psychiatric Genetics, Sante Fe, NM., October 1997.
51. Clementz, B.A., Blumenfeld, L.D., & Cobb, S. Gamma band activity may account for the P50 suppression effect in schizophrenia. Paper presented at the annual meeting of the Society for Neuroscience, New Orleans, La., October 1997.
52. Farber, R.H., Feifel, D., & Clementz, B.A. Measures of saccade inhibition among adult attention-deficit hyperactivity disorder patients. Paper presented at the annual meeting of the Society for Neuroscience, New Orleans, La., October 1997.
53. **Clementz, B.A., & McDowell, J.E. Auditory evoked response suppression among schizophrenia subjects. Paper presented at Park City Molecular Psychiatry Conference, Park City, Utah, February 1998.**
54. Cadenhead, K.S., Geyer, M.A., Swerdlow, N.R., Shafer, K., Diaz, M., Clementz, B.A., & Braff, D.L. Sensorimotor gating deficits in schizophrenic patients and their relatives. Paper presented at the 53rd annual convention of the Society of Biological Psychiatry, Toronto, Ontario, Canada, May 1998.
55. Myles-Worsley, M., McDowell, J., Clementz, B., Byerley, W., & Coon, H. Inhibitory neurophysiological dysfunctions in large schizophrenia families in the genetic isolate of Palau, Micronesia. Paper presented at the 53rd annual convention of the Society of Biological Psychiatry, Toronto, Ontario, Canada, May 1998.
56. Brenner, C.A., McDowell, J.E., Myles-Worsley, M., Coon, H., Byerley, W., & Clementz, B.A. Ocular motor delayed response task performance in schizophrenia patients and their biological relatives. Paper presented at the 53rd annual convention of the Society of Biological Psychiatry, Toronto, Ontario, Canada, May 1998.
57. Brenner, C., McDowell, J., Cadenhead, K., & Clementz, B.A. Antisaccade performance in schizotypal personality disorder. Paper presented at the 53rd annual convention of the Society of Biological Psychiatry, Toronto, Ontario, Canada, May 1998.
58. **Clementz, B.A. Abnormal eye movements in psychiatric disorders. Invited paper presented at the Joint meeting of the International Neuropsychiatry Congress and the American Neuropsychiatric Association, Toronto, Ontario, Canada, May 1998.**
59. **Clementz, B.A. Ocular motor abnormalities in Tourette's Syndrome and related disorders. Colloquium presented at the Eye Research Institute of Canada, Toronto, Ontario, Canada, June 1998.**
60. **Rochstroh, B., Clementz, B.A., Pantev, C., Blumenfeld, L.D., McDowell, J., Sterr, A., & Elbert, T. Missing contralateral dominance for auditory stimulation in schizophrenia. Paper presented as part of a symposium entitled: "Neurophysiologic studies of schizophrenia." (G.E. Bruder & L.E. Adler, Chairs), 38th annual meeting of the Society for Psychophysiological Research, Denver, CO, September 1998.**
61. Blumenfeld, L.D., & Clementz, B.A. An MEG study of auditory evoked response suppression in schizophrenia. Paper presented at the 38th annual meeting of the Society for Psychophysiological Research, Denver, CO, September 1998.
62. Brenner, C.A., McDowell, J.E., Cadenhead, K., & Clementz, B.A. Ocular motor delayed response task performance of schizophrenia spectrum subjects. Paper presented at the 38th annual meeting of the Society for

Psychophysiological Research, Denver, CO, September 1998.

63. **Clementz, B.A. Schizophrenia's neurobiology and genetics: evidence from studies of ocular motor performance. Colloquium presented at the Department of Psychology, University of California, Los Angeles, December 1998.**
64. Blumenfeld, L.D., & Clementz, B.A. Single trial analyses of auditory evoked response suppression in schizophrenia and normal subjects. Paper presented at the 7th International Congress on Schizophrenia Research, Santa Fe, NM, April 1999.
65. Cadenhead, K.S., Geyer, M.A., Swerdlow, N.R., Clementz, B.A., Shafer, K., & Braff, D.L. Prepulse inhibition and laterality in schizophrenic patients and their relatives. Paper presented at the 7th International Congress on Schizophrenia Research, Santa Fe, NM, April 1999.
66. **Clementz, B.A. On inhibitory deficits in schizophrenia. Paper presented as part of a symposium entitled: "Inhibition and disinhibition in psychopathology" (Peter R. Finn, Chair), 11th annual meeting of the American Psychological Society, Denver, CO, June, 1999.**
67. **Clementz, B.A., & McDowell, J.E. The neurobiology and genetics of schizophrenia: evidence from studies of saccade system functioning. Invited talk given to the staff of the Belau National Hospital, Koror, Republic of Palau, January, 2000.**
68. **Clementz, B.A., & McDowell, J.E. The neurobiology and genetics of schizophrenia: evidence from studies of saccade system functioning. Invited colloquium, Department of Psychology, University of California, San Diego, March 2000.**
69. **Clementz, B.A. No filtering problem in schizophrenia: studies of evoked gamma and theta band responses. Invited colloquium, Department of Psychology, University of Konstanz, June, 2000.**
70. **Clementz, B.A. Style and substance: MEG in psychopathology research. Symposium chaired at the 40th annual meeting of the Society for Psychophysiological Research, San Diego, CA, October 2000.**
71. **Blumenfeld, L.D., & Clementz, B.A. Single trial analyses of evoked fields to multiple auditory stimuli in schizophrenia. Paper presented as part of a symposium entitled 'Style and substance: MEG in psychopathology research' at the 40th annual meeting of the Society for Psychophysiological Research, San Diego, CA, October 2000.**
72. Stewart, S.E., McDowell, J.E., Braff, D.L., & Clementz, B.A. Visual evoked response potentials in prosaccade and antisaccade paradigms. Paper presented at the 40th annual meeting of the Society for Psychophysiological Research, San Diego, CA, October, 2000.
73. Barber, S.K., Blumenfeld, L.D., Dzaou, J., & Clementz, B.A. Gamma and theta band response and stimulus uncertainty. Paper presented at the 40th annual meeting of the Society for Psychophysiological Research, San Diego, CA, October, 2000.
74. Blumenfeld, L.D., Braff, D.L., & Clementz, B.A. An MEG study of stimulus expectancies on auditory evoked response suppression in schizophrenia. Paper presented at the 9th International Congress on Schizophrenia Research, Whistler, BC, April 2001.
75. Keil, A., Kissler, J., & Clementz, B.A. Evaluation of coherence decay following the visual steady state response in schizophrenia. Paper presented at the 7th International Congress on Schizophrenia Research, Whistler, BC, April 2001.
76. Clementz, B.A., & Dobkins, K.R. Analysis of motion perception in schizophrenia. Paper presented at the 7th International Congress on Schizophrenia Research, Whistler, BC, April 2001.
77. McDowell, J.E., Kissler, J., Berg, P., & Clementz, B.A. Pre-response MEG and EEG activity in frontal cortex during saccadic tasks differentiates normal and schizophrenia subjects. Paper presented at the 7th International Congress on Schizophrenia Research, Whistler, BC, April 2001.
78. **Clementz, B.A. MEG and EEG studies of auditory information processing in schizophrenia. Invited colloquium, Department of Psychology, University of Georgia, June, 2001.**

79. Clementz, B.A. MEG and EEG studies of auditory information processing in schizophrenia. Invited colloquium, Departments of Psychiatry and Neurology, Medical College of Georgia, January, 2004.
80. Clementz, B.A., & Gilmore, C. Temporal integration of steady-state auditory stimuli in schizophrenia. Paper presented as part of a symposium entitled "Gamma-band measures of neuronal activity: A new frontier in schizophrenia research, Society of Psychophysiological Research Annual Meeting, Chicago, IL, October 2003.
81. Brown, R., Dobkins, K.D., & Clementz, B.A. Motion detection in relation to MT function in schizophrenia. Presented at the Society for Psychophysiological Research Annual Meeting, Chicago, IL, October 2003.
82. Brahmabhatt, S.B., Brown, R., Dyckman, K.A., McDowell, J.E., & Clementz, B.A. Neural correlates of decision-making and response preparation in blocked versus interleaved saccadic tasks. Presented at the Society for Psychophysiological Research Annual Meeting, Chicago, IL, October 2003.
83. Clementz, B.A., Brown, R., & Buckley, P. (2005). Motion processing and MT functioning in schizophrenia. Paper to be presented at the 9th International Congress on Schizophrenia Research.
84. Moratti, S., Gao, A., Buckley, P. & Clementz, B.A. (2005). Interaction of driven oscillatory neural activity and visual evoked potentials in schizophrenic patients. Paper to be presented at the 9th International Congress on Schizophrenia Research.
85. Gilmore, C., Clementz, B.A., & Buckley, P. Auditory information integration in schizophrenia. Paper to be presented at the 9th International Congress on Schizophrenia Research.

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4. Clementz, B.A. (1990). Pursuit eye movement dysfunction as a biological marker for schizophrenia (Doctoral Dissertation, Kent State University). Dissertation Abstracts International, 50(9B), 4269.
5. Clementz, B.A., & Sweeney, J.A. (1990). Is eye movement dysfunction a biological marker for schizophrenia? A methodological review. Psychological Bulletin, 108, 77-92.
6. Clementz, B.A., Sweeney, J.A., Hirt, M., & Haas, G. (1990). Pursuit gain and saccadic intrusions in first-degree relatives of probands with schizophrenia. Journal of Abnormal Psychology, 99, 327-335.
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9. Clementz, B.A., & Waldman, I.D. The perceptual aberration scale and schizotypy: A comment on Lenzenweger and Loranger (1989a, b). Unpublished manuscript, University of Minnesota.
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