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(Updated 15 August 2016)

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." Advisors: Michael Hirt, Ph.D., John Sweeney, 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 and Neuroscience, University of Georgia, Athens, GA.
- 6/10-5/13** Zukunftskolleg Fellow, University of Konstanz, Konstanz Germany.

GRANT SUPPORT (Direct Costs Only Listed)

Completed

- Awards**
- 1/92-6/92** UCSD Academic Senate Grant RR182-G (\$4835). "Liability for schizophrenia." (PI)
- 7/92-6/93** UCSD Academic Senate Grant RS143-G (\$5040). "Liability for schizophrenia." (PI)
- 9/92-8/95** NIH R03 MH49906 (\$98,571). "Psychophysiology and liability for schizophrenia." (PI)
- 9/93-6/98** NIH R29 MH51129 (\$285,270). "Ocular motor and neuroanatomic studies of schizophrenia." (PI)
- 7/95-6/96** Tourette Syndrome Association Permanent Research Fund, Inc. (\$23,543). "Saccadic system functioning in Tourette Syndrome." (PI)
- 5/96-6/97** UCSD Academic Senate Grant RV230-G (\$5380) "Genetic linkage studies of schizophrenia." (PI)
- 10/97-9/00** Veterans Administration Merit Review Grant (\$300,000) "Mapping genes for information processing in schizophrenia." (Co-Investigator; John Kelsoe, M.D., PI)

- 12/98-11/04** NIH R01 MH51129 (\$510,180) "Ocular motor and neuroanatomic studies of schizophrenia." (PI)
- 4/00-4/04** NIH R01 57886 (\$301,406) "MEG studies of P50 suppression in schizophrenia." (PI)
- 9/00-8/04** NARSAD (\$97,552) "Genetic study of schizophrenia among multiplex families from Palau, Micronesia." (PI)
- 1/04-6/04** UGA Gerontology Center Pilot Project Award (\$5000). "MEG Study of auditory processing in aging." (PI)
- 2/06-6/06** UGA Gerontology Center Pilot Project Award (\$2000). "MEG Study of auditory processing in aging." (PI)
- 7/06-10/08** Institute for Research on Gambling and Related Disorders (\$145,294) "The cognitive neuroscience of control and decision making in problem gambling." (PI)
- 2/05-9/09** NIH R01 MH57886 (\$600,000) "MEG studies of P50 suppression in schizophrenia." (PI)
- 5/12-5/13** NIH 3R01 MH077851-04S1 (\$220,962 total cost; \$43,483 is UGA share) "Bipolar and schizophrenia consortium for parsing intermediate phenotypes" (UGA PI; Project PI is Pearlson at Yale University)
- 8/09-5/14** NIH R01 (\$290,627 total annual cost) "Neural mechanisms for antisaccade errors among schizophrenia families" (PI) – IN NO COST EXTENSION

Active Awards

- 8/04-7/13** Franklin Foundation Award to Bio-Imaging Research Center (\$50,000 total annual cost). Private foundation award. (Co-Awardee with Harry Dailey, Ph.D., Jennifer McDowell, Ph.D., Steve Miller, Ph.D.)
- 2/11-1/16** NIH R01 (\$361,550 total annual cost) "Neural noise and Cognitive Control in Schizophrenia" (PI) – IN NO COST EXTENSION
- 8/13-7/16** NIH R01 (\$74,250 total annual cost) "4/4-Psychosis and Affective Research Domains and Intermediate Phenotypes (PARDIP)" (PI)
- 8/15-7/20** NIH R01 (\$674,217 total annual cost) "5/5 Bipolar-Schizophrenia Network for Intermediate Phenotypes (B-SNIP)" (PI)

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 NRSA #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.
- 2010** Zukunftkolleg Fellow, University of Konstanz, Konstanz Germany.
- 2014** Graduate Teaching Award, University of Georgia Psi Chi, Athens GA

PROFESSIONAL ACTIVITIES

Licensed Psychologist:

1992-2001 State of California, #PSY 13092 (Inactive)

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
2006-present Organization for Human Brain Mapping

Reviewer for:

American Journal of Psychiatry; Archives of General Psychiatry; Biological Psychiatry*; Biological Psychology; Bipolar Disorders; Brain; Brain Imaging and Behavior; British Journal of Psychiatry; Cerebral Cortex; Cognitive and Behavioral Neurology; Contemporary Psychology; European Archives of Psychiatry and Clinical Neuroscience; European Journal of Neuroscience, Experimental Brain Research; Frontiers in Human Neuroscience; Harvard Review of Psychiatry*; International Journal of Psychophysiology; Journal of Abnormal Psychology; Journal of Neurophysiology*; Journal of Neuroscience*; Methods in Psychiatric Research; NeuroImage; 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*.

*Reviewed for in the last year

2002-2009 Editorial Board, International Journal of Psychophysiology
2009-present Reviewing Editor, Frontiers in Human Neuroscience
2010-present Reviewing Editor, Frontiers in Psychiatry
2010-present Associate Editor, Psychophysiology

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 Faculty 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 Faculty Search Committee (Chair)
7/98-6/99 Biopsychology Faculty Search Committee (Chair)
7/98/6/99 Ad hoc Merit Review Committee
7/00/6/01 Ad hoc Tenure Review Committee
8/02-7/05 Long Range Planning Committee
9/3-4/04 Cognitive Neuroscience Faculty Search Committee (Chair)
8/04 Interim Department Head Search Committee (Chair)
Spring 07 Department of Neuroscience Graduate Admissions Committee
8/07-pres Personnel Committee
Spring 08 Bio-Imaging Research Center Faculty Search Committee
8/09-pres Long Range Planning Committee

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)
04/03-04/04	Reviewer for Conte Center Grants (NIH)
09/03-06/06	VA Merit Review Subcommittee for Mental health and Behavioral Sciences
(Member)	
3/05	NIH Imaging and Mood Disorders II (Ad Hoc Reviewer)
10/04-06/06	NIH, Neural Basis of Psychopathology, Addictions and Sleep Disorders Study Section (Temporary Member)
07/06-06/10	NIH Neural Basis of Psychopathology, Addictions, and Sleep Disorders Study Section (Member)
11/10-11/11	NIH T32 Review Panel
02/11	NASA Crew Health Neurocognitive Performance Panel.
02/11	NIH Neural Basis of Psychopathology, Addictions, and Sleep Disorders Study Section (Temporary Member)
6/11	National Center for Responsible Gambling, Seed Grant Review Panel
10/11	National Center for Responsible Gambling, Large Grant Review Panel

STUDENT SUPERVISION

Undergraduate (Major Professor Only Listed):

- **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 (Major Professor Only Listed):

- **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).
- **Gao, Yuan (2006).** "Normal aging associated functional alterations in auditory sensory and working memory processing." (Master's Thesis, University of Georgia).
- **Gilmore, Casey (2007).** "Is faster always better? Rate of stimulation affects auditory evoked responses in schizophrenia." (Doctoral Dissertation, University of Georgia).
- **Wang, Frank (2007).** "Neural correlates of selective attention when viewing spatially overlapping objects." (Master's Thesis, University of Georgia).
- **Gao, Yuan (2008).** "A cross-sectional study of normal aging-associated working memory differences." (Doctoral Dissertation, University of Georgia).
- **Wang, Jun (2008).** "A specific relationship between motion processing and neural activity deficits in schizophrenia." (Doctoral Dissertation, University of Georgia).
- **Hamm, Jordan (2009).** "Schizophrenia patients have abnormal transient and entrained neural responses to increasing stimulus density in auditory cortex." (Master's Thesis, University of Georgia).
- **Ethridge, Lauren (2011).** "Intrinsic and evoked oscillatory brain activity as potential endophenotypes for schizophrenia and psychotic disorders." (Doctoral Dissertation, University of Georgia).
- **Knight, Justin (2012).** "On the dynamic role of attention in event-based prospective memory."

(Doctoral Dissertation, University of Georgia).

BIBLIOGRAPHY

Book reviews:

1. **Clementz BA**. 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 BA**. 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 BA**. 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 underlined and italicized):

1. Wildman BG, **Clementz BA**. Assertive, empathic assertive, and conversational behavior: Perception of likability, effectiveness, and sex-role. Paper presented at the Midwestern Psychological Association annual meetings, Chicago, IL, 1984.
2. Rea MR, Sweeney JA, **Clementz BA**, Deck M, Mann JJ, Frances A. Saccades during visual fixation in schizophrenia. Presented at the American Psychiatric Association annual meetings, Montreal, CAN, 1988.
3. Sweeney JA, Shear MK, Halper J, **Clementz BA**, De Meo M, Walsh V. Eye tracking in obsessive compulsive disorder. Presented at the American Psychiatric Association annual meetings, Montreal, CAN, 1988.
4. **Clementz BA**, Sweeney JA, 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, CA, 1989.
5. Sweeney JA, **Clementz BA**, 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, CA, 1989.
6. **Clementz BA**, Sweeney JA, Weiden P, Frances A, Mann JJ. 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, CA, 1989.
7. Sweeney JA, Haas G, **Clementz BA**, Weiden P, Frances A, Mann JJ. Eye movement abnormalities in schizophrenia. Paper presented at the 44th annual meeting of the Society of Biological Psychiatry, San Francisco, CA, 1989.
8. **Clementz BA**, Grove WM, Iacono WG, Sweeney JA, 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, FRA, 1990.
9. **Clementz BA**, Grove WM. 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, MA, 1990.
10. Gooding DC, **Clementz BA**, Sweeney JA, Iacono WG. Methods for assessing tracking proficiency: A comparative analysis. Paper presented at the 30th annual meeting of the Society for Psychophysiological Research, Boston, MA, 1990.
11. **Clementz BA**, Grove WM, Katsanis J, Iacono WG. Perceptual aberration and physical anhedonia in schizophrenics' relatives. Paper presented at the 5th annual meeting of the Society for Research in Psychopathology, Boulder, CO, 1990.
12. **Clementz BA**, Ficken J, Iacono WG, 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, CO, 1990.
13. Grove WM, **Clementz BA**, Iacono WG, 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, M), 1991.
14. **Clementz BA**, Sponheim S, Iacono WG. Resting EEG in chronic schizophrenia. Paper presented at the 31st annual meeting of the Society for Psychophysiological Research, Chicago, IL, 1991.
 15. **Clementz BA**, Iacono WG, Sponheim S, Ficken J. Multivariate psychophysiological assessment of schizophrenia. Paper presented at the 6th annual meeting of the Society for Research in Psychopathology, Cambridge, MA, 1991.
 16. Renk KF, **Clementz BA**, Iacono WG, Grove WM, 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, MA, 1991.
 17. Grove WM, **Clementz BA**, Iacono WG. A segregation analysis of ocular motor dysfunction in schizophrenia: Evidence for a major gene. Paper presented at the American Psychopathological Association, New York, NY, 1992.
 18. Iacono WG, Grove WM, **Clementz BA**. Evidence for a major gene influencing smooth pursuit dysfunction in schizophrenia. Paper presented at the Association for Research in Vision and Ophthalmology, Sarasota, FL, 1992.
 19. **Clementz BA**. *Ocular motor functioning and the genetics of schizophrenia. Invited colloquium for the Summer Research Program at the University of California, San Diego, San Diego CA, 1992.*
 20. Lund TR, Iacono WG, Sponheim SR, **Clementz BA**. 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 CA, 1992.
 21. **Clementz BA**, Sponheim SR, Iacono WG, Beiser M. Resting EEG in first-episode psychosis. Paper presented at the 32nd annual meeting of the Society for Psychophysiological Research, San Diego CA, 1992.
 22. Sponheim SR, **Clementz BA**, Iacono WG. EEG abnormalities in first-episode and chronic schizophrenia. Paper presented at the 32nd annual meeting of the Society for Psychophysiological Research, San Diego CA, 1992.
 23. McDowell JE, **Clementz BA**, Jernigan TL. Reflexive, predictive, and anti-saccades in schizophrenia. Paper presented at the 7th annual meeting of the Society for Research in Psychopathology, Palm Springs CA, 1992.
 24. **Clementz BA**, Iacono WG, 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 CA, 1992.
 25. **Clementz BA**, McDowell JE, Jernigan TL, Braff DL. 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 CO, 1993.
 26. **Clementz BA**. *Ocular motor abnormalities in schizophrenia: Implications for neuropathology. Invited colloquium presented at the UCSD Psychiatric Outpatient Clinic, San Diego CA, 1992.*
 27. Sponheim SR, **Clementz BA**, Iacono WG. Brain morphology correlates of the electroencephalogram in schizophrenia. Paper presented at the 8th annual meeting of the Society for Research in Psychopathology, Chicago IL, 1993.
 28. **Clementz BA**, McDowell JE, Lam MN, Swerdlow NR, Braff DL. Antisaccades in schizophrenia, obsessive-compulsive disorder, and nonpsychiatric subjects. Paper presented at the 32nd annual meeting of the American College of Neuropsychopharmacology, Honolulu HI, 1993.
 29. **Clementz BA**. *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 CA, 1994.*
 30. McDowell JE, **Clementz BA**, Braff DL. Timing and amplitude during predictive saccadic tracking in schizophrenia. Paper presented at the 49th annual meeting of the Society for Biological Psychiatry, Philadelphia PA, 1994.
 31. **Clementz BA**, Lam ML, Swerdlow NR. 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 PA, 1994.
 32. Braff DL, **Clementz BA**, Geyer MA. Sensory gating and schizophrenia: Critical methodological issues. Paper presented at the 49th annual meeting of the Society for Biological Psychiatry, Philadelphia PA,

- 1994.
33. Cadenhead KS, **Clementz BA**, McDowell JE, Braff DL. 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 PA, 1994.
 34. **Clementz BA**, Gottlieb MR. 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 VA, 1995.
 35. **Clementz BA**, Chesak C, Stearns SM, McDowell JE. Saccadic and smooth pursuit responses to visual motion among schizophrenia patients. Paper presented at the Fifth International Congress on Schizophrenia Research, Warm Springs VA, 1995.
 36. McDowell JE, Farber RH, **Clementz BA**. Memory-guided saccade performance among schizophrenia and obsessive-compulsive disorder patients. Paper presented at the Fifth International Congress on Schizophrenia Research, Warm Springs VA, 1995.
 37. Larsen JT, **Clementz BA**. Antisaccade performance among monozygotic and dizygotic twins. Paper presented at the annual meeting of the West Coast College of Biological Psychiatry, San Diego CA, 1995.
 38. **Clementz BA**, 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 CA, 1995.
 39. Farber RH, **Clementz BA**. 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 CA, 1995.
 40. Braff DL, **Clementz BA**, Geyer MA. P50 ERP suppression (gating) and habituation deficits in schizophrenia. Paper presented at the 50th annual meeting of the Society for Biological Psychiatry, Miami FL, 1995.
 41. Farber RH, **Clementz BA**, Swerdlow NR, Lehmann-Masten VD. Saccadic inhibition among Tourette syndrome patients. Paper presented at the 26th Annual Meeting of the Society for Neuroscience, Washington DC, 1996.
 42. **Clementz BA**, McDowell JE. *Eye movement abnormalities as indicators of schizophrenia risk. Paper presented at Park City Molecular Psychiatry Conference, Park City UT, 1997.*
 43. **Clementz BA**, Geyer MA, Braff DL. P50 suppression deficits among the relatives of schizophrenia patients. Paper presented at the Biennial Meeting of the International Congress on Schizophrenia Research, Colorado Springs CO, 1997.
 44. McDowell JE, Blumenfeld LD, **Clementz BA**. 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 CO, 1997.
 45. McDowell JE, Brenner C, **Clementz BA**. Antisaccade performance of schizophrenia patients and relatives. Paper presented at the annual meeting of the Society of Biological Psychiatry, San Diego CA, 1997.
 46. **Clementz BA**. *The neuropathology and genetics of schizophrenia: Evidence from studies of ocular motor performance. Invited paper presented at the 3rd European Congress of Psychophysiology, Konstanz GER, 1997.*
 47. **Clementz BA**. *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 MA, 1997.*
 48. Coon H, Myles-Worsley M, Hasstedt SJ, McDowell JE, **Clementz BA**, 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, 1997.
 49. **Clementz BA**, McDowell JE, 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, 1997.
 50. McDowell JE, Coon H, Myles-Worsley M, **Clementz BA**, Byerley W. Linkage analyses of antisaccade performance among schizophrenia pedigrees. Paper presented at the World Congress on Psychiatric Genetics, Sante Fe NM, 1997.
 51. **Clementz BA**, Blumenfeld LD, 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, 1997.

52. Farber RH, Feifel D, **Clementz BA**. 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, 1997.
53. **Clementz BA, McDowell JE**. Auditory evoked response suppression among schizophrenia subjects. Paper presented at Park City Molecular Psychiatry Conference, Park City UT, 1998.
54. Cadenhead KS, Geyer MA, Swerdlow NR, Shafer K, Diaz M, **Clementz BA**, Braff DL. Sensorimotor gating deficits in schizophrenic patients and their relatives. Paper presented at the 53rd annual convention of the Society of Biological Psychiatry, Toronto, Ontario CA, 1998.
55. Myles-Worsley M, McDowell J, **Clementz BA**, 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 CA, 1998.
56. Brenner CA, McDowell JE, Myles-Worsley M, Coon H, Byerley W, **Clementz BA**. 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 CA, 1998.
57. Brenner C, McDowell J, Cadenhead K, **Clementz BA**. Antisaccade performance in schizotypal personality disorder. Paper presented at the 53rd annual convention of the *Society of Biological Psychiatry*, Toronto, Ontario CA, 1998.
58. **Clementz BA**. 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 CAN, 1998.
59. **Clementz BA**. Ocular motor abnormalities in Tourette's Syndrome and related disorders. Colloquium presented at the Eye Research Institute of Canada, Toronto, Ontario CAN, 1998.
60. Rochstroh B, Clementz BA, Pantev C, Blumenfeld LD, 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, 1998.
61. Blumenfeld LD, **Clementz BA**. 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, 1998.
62. Brenner CA, McDowell JE, Cadenhead K, **Clementz BA**. 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, 1998.
63. **Clementz BA**. Schizophrenia's neurobiology and genetics: evidence from studies of ocular motor performance. Colloquium presented at the Department of Psychology, University of California, Los Angeles, 1998.
64. Blumenfeld LD, **Clementz BA**. 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, 1999.
65. Cadenhead KS, Geyer MA, Swerdlow NR, **Clementz BA**, Shafer K, Braff DL. Prepulse inhibition and laterality in schizophrenic patients and their relatives. Paper presented at the 7th International Congress on Schizophrenia Research, Santa Fe NM, 1999.
66. **Clementz BA**. 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, 1999.
67. **Clementz BA, McDowell JE**. 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, 2000.
68. **Clementz BA, McDowell JE**. The neurobiology and genetics of schizophrenia: evidence from studies of saccade system functioning. Invited colloquium, Department of Psychology, University of California, San Diego, 2000.
69. **Clementz BA**. No filtering problem in schizophrenia: studies of evoked gamma and theta band responses. Invited colloquium, Department of Psychology, University of Konstanz, 2000.
70. **Clementz BA**. Style and substance: MEG in psychopathology research. Symposium chaired at the 40th annual meeting of the Society for Psychophysiological Research, San Diego CA, 2000.
71. Blumenfeld LD, Clementz BA. 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, 2000.
72. Stewart SE, McDowell JE, Braff DL, **Clementz BA**. 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, 2000.
 73. Barber SK, Blumenfeld LD, Dzau J, **Clementz BA**. Gamma and theta band response and stimulus uncertainty. Paper presented at the 40th annual meeting of the Society for Psychophysiological Research, San Diego CA, 2000.
 74. Blumenfeld LD, Braff DL, **Clementz BA**. 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, 2001.
 75. Keil A, Kissler J, **Clementz BA**. Evaluation of coherence decay following the visual steady state response in schizophrenia. Paper presented at the 7th International Congress on Schizophrenia Research, Whistler BC, 2001.
 76. **Clementz BA**, Dobkins KR. Analysis of motion perception in schizophrenia. Paper presented at the 7th International Congress on Schizophrenia Research, Whistler BC, 2001.
 77. McDowell JE, Kissler J, Berg P, **Clementz BA**. 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, 2001.
 78. **Clementz BA**. MEG and EEG studies of auditory information processing in schizophrenia. Invited colloquium, Department of Psychology, University of Georgia, 2001.
 79. **Clementz BA**, Brahmabhatt S, McDowell JE. Prefrontal and parietal cortex activations in response to antisaccade, prosaccade and no-go tasks. Paper presented at the 10th Annual Cognitive Neuroscience Society Meeting, New York NY, 2003.
 80. **Clementz BA**, 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, 2003.
 81. Brown R, Dobkins KD, **Clementz BA**. Motion detection in relation to MT function in schizophrenia. Presented at the Society for Psychophysiological Research Annual Meeting, Chicago IL, 2003.
 82. Brahmabhatt SB, Brown R, Dyckman KA, McDowell JE, **Clementz BA**. 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, 2003.
 83. Goodie AS, Camchong J, **Clementz BA**, McDowell JE, Jarrell HM, Tran, A. Neuro-magnetic activity as a function of confidence and accuracy: Early findings in decision neuroscience. Paper presented at the annual meeting of the Society for Judgment and Decision Making, Minneapolis MN, 2004.
 84. **Clementz BA**. MEG and EEG studies of auditory information processing in schizophrenia. Invited colloquium, Departments of Psychiatry and Neurology, Medical College of Georgia, 2004.
 85. **Clementz BA**, Brown R, Buckley P. Motion processing and MT functioning in schizophrenia. Paper presented at the 9th International Congress on Schizophrenia Research, Savannah GA, 2005.
 86. Moratti S, Gao A, Buckley P, **Clementz BA**. Interaction of driven oscillatory neural activity and visual evoked potentials in schizophrenic patients. Paper presented at the 9th International Congress on Schizophrenia Research, Savannah GA, 2005.
 87. Gilmore C, **Clementz BA**, Buckley P. Auditory information integration in schizophrenia. Paper presented at the 9th International Congress on Schizophrenia Research, Savannah GA, 2005.
 88. **Clementz BA**. Information processing in schizophrenia: What's wrong when and where? Invited talk at Institute for Psychiatric Research, Indiana University Medical School, Indianapolis IN, 2005.
 89. **Clementz BA**. Information processing in schizophrenia: What's wrong when and where? Invited talk at Department of Psychology, Indiana University, Bloomington IN, 2005.
 90. **Clementz BA**. Dysfunction of adaptive neural gain control in schizophrenia. Invited talk at Department of Psychiatry, University of Chicago, Chicago IL, 2006.
 91. **Clementz BA**, Campbell WK, Krusemark EA, Dyckman KA, McDowell JE. A MEG investigation of neural correlates of social exclusion and self control. Paper presented at BIOMAG, Vancouver BC, 2006.

92. Wang J, **Clementz BA**, Keil A. Normal neural enhancements but abnormal behavioral performance during visual selective attention in schizophrenia. Paper presented at the Society for Neuroscience Annual Meeting, Atlanta GA, 2006.
93. Keedy S, McDowell JE, **Clementz BA**, Sweeney JA. Combined fMRI/EEG analysis of top-down control of sensory input and neural investment in peripheral target locations during antisaccade performance. Paper presented at the Society for Neuroscience Annual Meeting, Atlanta GA, 2006.
94. **Clementz BA**, Moratti S, Gao Y, Keil A. Neural mechanisms of evoked oscillations: stability and interaction with transient events. Paper presented at the Society for Neuroscience Annual Meeting, Atlanta GA, 2006.
95. Gilmore CS, **Clementz BA**. Hemispheric lateralization of evoked potentials in an auditory oddball task. Paper presented at the Society for Psychophysiological Research Annual Meeting, Vancouver BC, 2006.
96. Gilmore CS, Puetz T, O'Conner P, Dishman R, **Clementz BA**. Spatio-temporal reliability of evoked potentials in an auditory oddball task across repeated measurements. Paper presented at the Society for Psychophysiological Research Annual Meeting, Vancouver BC, 2006.
97. Gilmore C, **Clementz BA**. Dysfunction of adaptive neural gain control in schizophrenia. Paper presented at the International Congress on Schizophrenia Research Biennial Meeting, Colorado Springs CO, 2007.
98. Dyckman KA, Camchong J, McDowell JE, **Clementz BA**. Context affects behavior and brain activity during saccade tasks. Paper presented at the Cognitive Neuroscience Society Annual Meeting, New York NY, 2007.
99. Krusemark E, Camchong J, McDowell JE, Goodie A, **Clementz BA**. Neural correlates of wins and losses during a gambling task in pathological and non-pathological gamblers. Paper presented at the Society for Psychophysiological Research Annual Meeting, Savannah GA, 2007.
100. Gao Y, Boyd M, Poon L, **Clementz BA**. Age-associated hemispheric asymmetry reduction on the auditory M100 to nonverbal stimuli. Paper presented at the Society for Psychophysiological Research Annual Meeting, Savannah GA, 2007.
101. Wang J, Wilson J, Dobkins KR, McDowell JE, **Clementz BA**. A specific relationship between motion processing and neural activity deficits in schizophrenia. Paper presented at the Society for Psychophysiological Research Annual Meeting, Savannah GA, 2007.
102. Ethridge LE, Malone S, Iacono WG, **Clementz BA**. ERP source analysis of genetic influences on early and late processing in a visual oddball task. Paper presented at the Society for Psychophysiological Research Annual Meeting, Savannah GA, 2007.
103. Goodie AS, Krusemark EA, **Clementz BA**, Camchong J, Young DL, & McDowell JE. Neural correlates of performance during the Georgia Gambling Task: an MEG investigation. Poster presented at the Annual Conference of Judgment and Decision Making, Los Angeles CA, 2007.
104. Krusemark EA, Campbell WK, **Clementz BA**. Investigating the neural correlates of the self-serving bias using dense array EEG. Poster presented at the Society for Personality and Social Psychology, Albuquerque NM, 2008.
105. Wang J, Keil A, **Clementz BA**. Neural consequences of integrating space- and object-based visual attention requirements in a single task. Paper presented at the Society for Psychophysiological Research Annual Meeting, Austin TX, 2008.
106. Ethridge LE, Brahmhatt S, Gao Y, McDowell JE, **Clementz BA**. Task parameters and task switching: not all saccade paradigms are created equal. Paper presented at the Society for Psychophysiological Research Annual Meeting, Austin TX, 2008.
107. Austin BP, Dyckman KA, Amlung MT, Li Q, **Clementz BA**, McDowell JE. Practice-induced Changes in Neural Circuitries Supporting Saccade Performance in Schizophrenia: an fMRI Study. Paper presented at the *International Conference on Schizophrenia Research*, San Diego CA, 2009.
108. Moore M, Austin BP, Dyckman KA, Li Q, Amlung MT, Meyer F, **Clementz BA**, McDowell JE. Behavioral Changes Following Daily Practice of Saccade Tasks in Schizophrenia. Paper presented at the International Conference on Schizophrenia Research, San Diego CA, 2009.
109. Knight JB, Ethridge LE, **Clementz BA**, Marsh RL. Neural Substrates of Prospective Memory. Paper presented at the GA/SC Regional Neuroscience Conference, Athens, GA, 2009.
110. Ethridge LE, Malone S, Iacono WG, **Clementz BA**. Genetic influences on early and late neural processing in a visual oddball task: ERP voltage mapping and current source density measures. Paper presented at the GA/SC Regional Neuroscience Conference, Athens, GA, 2009.

111. Thom NJ, **Clementz BA**, Puetz TW, O'Connor PJ, Dishman RD. Acute effects of cycling on mood and EEG in sedentary young adults with persistent fatigue. Paper presented at the National American College of Sports Medicine Conference, Seattle, WA, 2009.
112. Hamm JP, Dyckman KA, Ethridge LE, McDowell JE, **Clementz BA**. Pre-gap alpha phase and preparatory cortical signals during gap determine express versus regular saccade generation. Paper presented at International Conference on Event-related Potentials of the Brain (EPIC), Bloomington, Indiana, 2009.
113. **Clementz BA**. *The neural regulation of visual processing in schizophrenia. Invited talk at Department of Psychological and Brain Sciences, Indiana University, Bloomington IN, 2009.*
114. Hamm JP, Gilmore CS, **Clementz BA**, Sponheim SR, Pichetti N. Schizophrenic patients display abnormal neural responses in auditory cortex to increasing rates of stimulation. SouthEast Nerve Net and the Georgia/South Carolina Neuroscience Consortium Conference, Emory University, Atlanta GA, March 2010.
115. Knight JB, Brewer GA, **Clementz BA**, Marsh RL. On The Role Of Attentional Processes In Event-Based Prospective Memory. Poster presented at the annual meetings of the Cognitive Neuroscience Society, Montréal, Canada, April 2010.
116. Hamm JP, Gilmore CS, **Clementz BA**, Sponheim SR, Pichetti N. Abnormal auditory cortical processing as a function of stimulus density in schizophrenic patients, Presented at Human Brain Mapping, Barcelona Spain, June 2010.
117. Ethridge LE, Reilly J, Keedy S, McDowell JE, Sweeney JA, **Clementz BA**. Modulation of neural bias signals preceding anti-saccades as an endophenotype for schizophrenia. Presented at Human Brain Mapping, Barcelona, Spain, June 2010.
118. **Clementz BA**. *The Neural regulation of visual processing in schizophrenia. Invited talk at Department of Psychology, University of Konstanz, Konstanz Germany, June 2010.*
119. Knight JB, **Clementz BA**, Marsh RL. Oscillatory dynamics provide insight into the role of attention in prospective memory. Poster presented at the International Conference of Prospective Memory, Vancouver, Canada, July 2010.
120. Goodie AS, Hudgens-Haney M, Hamm JP, Krusemark E, McDowell JE, **Clementz BA**. Neural Correlates of the Impact of Control on Decision Making in Pathological Gamblers. Presented at the NCRG Annual Conference on Gambling and Addiction, Las Vegas NV, 2010.
121. **Clementz BA**, Hamm JP, Ethridge L, Shapiro J. Auditory ERPs for discerning psychosis risk among bipolar and schizophrenia families. Presented as part of Electrophysiology Symposium to International Congress on Schizophrenia Research, Colorado Springs, CO, 2011.
122. Hamm JP, Gilmore C, **Clementz BA**. High gamma (>60Hz) abnormalities in schizophrenia patients during auditory steady-state stimulation. Presented at the International Conference on Schizophrenia Research, Colorado Springs, CO, 2011.
123. **Clementz BA**, Ethridge LE, Sweeney JA, McDowell, JE. *Top-down control of visual sensory processing during antisaccade performance in psychosis. Paper presented as part of a symposium entitled "Normal and abnormal development of saccade control and its underlying neural circuitry", at the 21st Annual Meeting of Society for the Neural Control of Movement, San Juan, Puerto Rico, April 2011.*
124. **Clementz BA**. *The neural regulation of visual processing in schizophrenia. Invited talk at Department of Psychiatry and Behavioral Neurobiology, University of Alabama, Birmingham, June 2011.*
125. **Clementz BA**. *The Neural regulation of visual processing in schizophrenia. Invited talk at Department of Psychiatry, University of Texas, Southwestern, Dallas, TX, August 2011.*
126. **Clementz BA**, Hamm J, Ethridge L, Shapiro J. *Auditory ERPs for discerning psychosis risk among bipolar and schizophrenia families. Presented as part of Waves beyond Waveforms Symposium to 51st Annual Meeting of Society for Psychophysiological Research, Boston, MA, 2011.*
127. Hamm JP, Dyckman KA, McDowell JE, **Clementz BA**. Pre-trial alpha phase in frontal cortex predicts correct vs. incorrect antisaccade performance. Presented at the 51st Annual Meeting of the Society for Psychophysiological Research, Boston, MA, 2011.
128. Hudgens-Haney M, Hamm JP, Krusemark EA, Goodie AS, McDowell JE, **Clementz BA**. Neural correlates of perceived control and risky decision making in pathological gambling. Paper presented at the Society for Neuroscience Annual Meeting, Washington DC, 2011.
129. Narayanan B, Gill A, O'Neil K, Stevens MC, Tamminga CA, Sweeney JA, Keshavan MS, **Clementz BA**, Pearlson GD. Abnormal Neural Oscillations in Resting State Electroencephalogram (EEG) in First Degree

- Relatives of Schizophrenia and Bipolar Disorder. Presented at the Society for Biological Psychiatry Annual Meeting, Philadelphia PA, May 2012.
130. Hamm JP, Ethridge LE, Shapiro JR, Parker EM, Keshavan MS, Sweeney JA, Pearlson GD, Tamminga CA, Thaker G, **Clementz BA**. Auditory Evoked Oscillations Discriminate Major Mood and Psychotic Diagnoses. Presented at the Society for Biological Psychiatry Annual Meeting, Philadelphia PA, May 2012.
 131. Tandon T, Sanghavi K¹, Kumar S, Mitra P, Francis A, Bergen S, Petryshen T, Ruano G, Windemuth A, Kocherla M, **Clementz BA**, Pearlson GD, Seidman L, Sweeney JA, Tamminga CA, Thaker G, Keshavan MS. Genes and MRI Structural Intermediate Phenotypes in Psychotic Bipolar Disorder and Schizophrenia. Presented at the Society for Biological Psychiatry Annual Meeting, Philadelphia PA, May 2012.
 132. Ethridge LE, Hamm JP, Shapiro JR, Summerfelt AT, Keedy SK, Stevens MC, Pearlson GD, Tamminga CA, Boutros NN, Sweeney JA, Keshavan MS, **Clementz BA**. Late Beta Accentuation and Decreased N2 Amplitude to Auditory Oddball Stimuli Discriminate Psychosis Groups and Co-Occur in First-Degree Relatives. Presented at the Society for Biological Psychiatry Annual Meeting, Philadelphia PA, May 2012.
 133. **Clementz BA**. *Neural responses to auditory paired stimuli among bipolar psychosis and schizophrenia families. Presented at the Society for Biological Psychiatry Annual Meeting as part of a Symposium entitled "Using endophenotypes to define psychotic diagnoses", Philadelphia PA, May 2012.*
 134. Oliver W, Hamm JP, Hetrick WP, **Clementz BA**. Auditory gating in schizophrenia: context or ISI? Presented at the Society for Psychophysiological Research Annual Meeting, New Orleans LA, 2012.
 135. Hayrynen LK, Hamm JP, Sponheim SR, **Clementz BA**. Frequency-specific disruptions of neuronal oscillations reveal aberrant cortical network properties in schizophrenia. Presented at the Society for Psychophysiological Research Annual Meeting, New Orleans LA, 2012.
 136. Hudgens-Haney ME, Hamm JP, Goodie AS, Krusemark EA, McDowell JE, **Clementz BA**. An MEG study of risk and overconfidence in pathological gamblers. Presented at the Society for Neuroscience Annual Meeting, New Orleans LA, 2012.
 137. Ivleva EI, Bidesi AS, Meda SA, Witte B, Keshavan MS, Pearlson GD, Sweeney JA, **Clementz BA**, Thaker GK, Tamminga CA. Brain gray matter intermediate phenotypes across the categorical DSM-IV diagnoses and the psychosis dimension. Presented at the Society for Neuroscience Annual Meeting, New Orleans LA, 2012.
 138. Hamm JP, Dyckman KA, Ciarochi JA, McDowell JE, **Clementz BA**. Intrinsic frontal alpha and occipital gamma oscillations predict express saccades and antisaccade errors. Presented at the Society for Neuroscience Annual Meeting, New Orleans LA, 2012.
 139. Ethridge LE, Reilly JL, McDowell JE, **Clementz BA**, Frankovich K, Krafft CE, Pierce JE, Keshavan MS, Pearlson GD, Tamminga CA, Thaker GK, Sweeney JA. Poor antisaccade performance in schizophrenia related to speed of visual orienting: a cluster analysis. Presented at the Society for Neuroscience Annual Meeting, New Orleans LA, 2012.
 140. Arnold SJ, Gopal TA, Dantu A, Hu A, Reddy AP, Wallace-Servera M, Sacco CB, Bidesi AS, Ivleva EI, Francis A, Pearlson GD, Sweeney JA, **Clementz BA**, Thaker GK, Keshavan MS, Tamminga CA. Bipolar-schizophrenia network on intermediate phenotypes (B-SNIP): hippocampal volumes contrasting manual tracings and Freesurfer. Presented at the International Conference on Schizophrenia Research, Orlando FL, 2013.
 141. Narayanan B, Neil KO, Stevens MC, Tamminga CA; Sweeney JA; Keshavan MS, **Clementz BA**, Pearlson GD, Ruano G, Windermuth A. Genetic association of slow alpha oscillations in resting state EEG of schizophrenia and psychotic bipolar disorder subjects from the B-SNIP Study. presented at the International Conference on Schizophrenia Research, Orlando FL, 2013.
 142. **Clementz BA**, Keshavan MS; Pearlson GD; Sweeney JA; Tamminga CA. Taxometric integration of neurocognitive biomarkers reveals distinct biotype structures in psychosis independent of phenomenological diagnoses. Presented at the International Conference on Schizophrenia Research, Orlando FL, 2013.
 143. Ethridge LE, Hamm JP, Shapiro JR, Summerfelt A, Keedy S, Stevens MC, Pearlson GD, Tamminga CA, Boutros NN, Keshavan MS, **Clementz BA**, Sweeney JA. Early sensory processing deficits during an auditory oddball task are greater than P3 abnormalities and are more consistently familial across psychotic disorders. Presented at the International Conference on Schizophrenia Research, Orlando FL, 2013.
 144. Giakoumatos CI, Tandon N, Mathew IT, Howard ER, Francis AN, **Clementz BA**, Pearlson GD, Sweeney JA, Thaker G, Tamminga CA, Keshavan MS. Do structural brain abnormalities underlie self-harm in

- patients with psychotic disorders? Presented at the International Conference on Schizophrenia Research, Orlando FL, 2013.
145. Tandon N, Eack SM, Mathew IT, Howard ER, Francis AN, **Clementz BA**, Pearlson GD, Sweeney JA, Thaker G, Tamminga CA, Keshavan MS. A large-scale structural MRI study across the psychosis spectrum. Presented at the International Conference on Schizophrenia Research, Orlando FL, 2013.
 146. Ivleva EI, Bidesi AS, Meda SA, Dodig D, Witte B, Keshavan MS, Pearlson GD, Sweeney JA, **Clementz BA**, Thaker GK, Tamminga CA. Brain gray matter intermediate phenotypes across the categorical DSM-IV diagnoses and the psychosis dimension: Bipolar–Schizophrenia Network on Intermediate Phenotypes (B-SNIP). Presented at the International Conference on Schizophrenia Research, Orlando FL, 2013.
 147. Pearlson GD, Meda IS, Narayanan B, **Clementz BA**, Stevens MS, Tamminga CA, Sweeney JA, Keshavan MS, Berwise C, O'Neil K. Genetic Underpinnings of Classic and Novel Endophenotypes for Schizophrenia and Psychotic Bipolar Disorder Families in the B-SNIP Study. Presented at the International Conference on Schizophrenia Research, Orlando FL, 2013.
 148. **Clementz BA**, Ethridge LE, Hamm JP, Reilly JL, Thaker G, Tamminga CA, Keshavan MS, Pearlson GD, Sweeney JA. Multivariable indicators of distinct and shared heritable disease risk for schizophrenia and psychotic bipolar disorder families. Presented at the International Conference on Schizophrenia Research, Orlando FL, 2013.
 149. Bobilev AM, Hamm JP, Oliver WT, Hudgens-Haney ME, Buckley PF, Dyckman KA, McDowell JE, **Clementz BA**. Resting state neural oscillations in schizophrenia and high and low working memory. Presented at the International Conference on Schizophrenia Research, Orlando FL, 2013.
 150. Nanda P, Mathew IT, Tandon N, Giakoumatos CI, Howard ER, **Clementz BA**, Pearlson GD, Sweeney JA, Thaker G, Tamminga CA, Keshavan MS. Cortical gyrification in first-degree relatives of patients with psychotic disorders. Presented at the International Conference on Schizophrenia Research, Orlando FL, 2013.
 151. Gardin T, Tandon N, Francis AN, Mathew IT, Giakoumatos CI, **Clementz BA**, Pearlson GD, Sweeney JA, Tamminga CA, Keshavan MS. Hippocampal subfield alterations in psychotic disorders in the B-SNIP study. Presented at the International Conference on Schizophrenia Research, Orlando FL, 2013.
 152. Hamm JP, Oliver WT, Hudgens-Haney ME, Bobilev AM, Buckley PF, McDowell JE, **Clementz BA**. Stimulus duration and context moderate gamma-band auditory neural abnormalities in schizophrenia. Presented at the International Conference on Schizophrenia Research, Orlando FL, 2013.
 153. Meda IS, Narayanan B, Keshavan MS, Sweeney JA, **Clementz BA**, Thaker G, Tamminga CA, Ruano G, Windermuth A, Pearlson GD. Genetic associations of the Default-Mode network derived using Parallel-ICA: A Bipolar – Schizophrenia Network on Intermediate Phenotypes (B-SNIP) Study. Presented at the International Conference on Schizophrenia Research, Orlando FL, 2013.
 154. Parker DA, Hudgens-Haney ME, Oliver WT, Hayrynen LK, Knight JB, Bobilev AM, Arkin SC, Buckley PF, McDowell JE, **Clementz BA**. Alpha band dynamics in schizophrenia during an ocular motor inhibition task. Presented at the *Society for Psychophysiological Research* Annual Meeting, Atlanta GA, 2014.
 155. Hudgens-Haney ME, Ethridge LE, McDowell JE, Sweeney JA, **Clementz BA**. Endophenotypes discriminate psychosis groups better than clinical diagnosis. Presented at the *Society for Psychophysiological Research* Annual Meeting, Atlanta GA, 2014.
 156. Schaeffer DJ, Rodrigue AL, Pierce JE, **Clementz BA**, McDowell JE. Diffusion tensor imaging reveals differences between people with schizophrenia and healthy individuals with low levels of cognitive control. Presented at the *Society for Psychophysiological Research* Annual Meeting, Atlanta GA, 2014.
 157. Hayrynen LK, Hamm JP, Ethridge LE, Tamminga CA, Sweeney JA, Pearlson GD, Keshavan MS, **Clementz BA**. Aberrant long range neural synchronization in schizophrenia. Presented at the *Society for Psychophysiological Research* Annual Meeting, Atlanta GA, 2014.
 158. McDowell JE, **Clementz BA**. Saccades: the basics. Talk presented at the 2nd European Summer School on Eye Movements. Freiburg, Germany, September 2014.
 159. **Clementz BA**, McDowell JE. Saccadic behavior and distributed cortical activations: Ideen und Meinungen. Talk presented at the 2nd European Summer School on Eye Movements. Freiburg, Germany, September 2014.
 160. **Clementz BA**, Hudgens-Haney ME, Knight JB, Ethridge JE, Pearlson GD, Keshavan MS, Tamminga CA, McDowell JE, Sweeney JA. Psychosis biotypes account for variations in neural synchrony during cognitive control: findings from the Bipolar-Schizophrenia Network on Intermediate Phenotypes. Presented at the 2014 Annual Meeting of the American College of Neuropsychopharmacology, Phoenix AZ.

Manuscripts (current h-index=40 using Harzig):

1. Hirschman R, **Clementz BA**. Dental Anxiety. In E. Bernstein (Ed.), *Medical and Health Annual* 1986; 195-198: Encyclopedia Britannica, Inc.: Chicago, Illinois.
2. Wildman BG, **Clementz BA**. Assertive, empathic assertive, and conversational behavior: Perception of likability, effectiveness, and sex-role. *Behavior Modification* 1986; 10: 315-332.
3. **Clementz BA**, Sweeney JA. In support of rational conceptualizations of schizophrenia (Comment). *American Psychologist* 1989; 44: 1078-1079.
4. **Clementz BA** Pursuit eye movement dysfunction as a biological marker for schizophrenia (Doctoral Dissertation, Kent State University). *Dissertation Abstracts International* 1990; 50(9B): 4269.
5. **Clementz BA**, Sweeney JA. Is eye movement dysfunction a biological marker for schizophrenia? A methodological review. *Psychological Bulletin* 1990; 108: 77-92.
6. **Clementz BA**, Sweeney JA, Hirt M, Haas G. Pursuit gain and saccadic intrusions in first-degree relatives of probands with schizophrenia. *Journal of Abnormal Psychology* 1990; 99: 327-335.
7. **Clementz BA**, Sweeney JA, Hirt M, Haas G. Phenotypic correlations between oculomotor functioning and schizophrenia-related characteristics in relatives of schizophrenic probands. *Psychophysiology* 1991; 28: 570-578.
8. Grove WM, Lebow BS, **Clementz BA**, Cerri A, Medus C, Iacono WG. Familial prevalence and coaggregation of schizotypy indicators: A multitrait family study. *Journal of Abnormal Psychology* 1991; 100: 115-121.
9. **Clementz BA**, Grove WM, Katsanis J, Iacono WG. Psychometric detection of schizotypy: Perceptual aberration and physical anhedonia in relatives of schizophrenics. *Journal of Abnormal Psychology* 1991; 100: 607-612.
10. **Clementz BA**, Grove WM, Iacono WG, Sweeney JA. Smooth-pursuit eye movement dysfunction and liability for schizophrenia: Implications for genetic modeling. *Journal of Abnormal Psychology* 1992; 101: 117-129.
11. **Clementz BA**, Iacono WG, Ficken J, Beiser M. A family study of nailfold plexus visibility in psychotic disorders. *Biological Psychiatry* 1992; 31: 378-390.
12. Grove WM, **Clementz BA**, Iacono WG, Katsanis J. Smooth pursuit ocular motor dysfunction in schizophrenia: Evidence for a major gene. *American Journal of Psychiatry* 1992; 149: 1362-1368.
13. Christianson GA, Chernoff-Clementz E, **Clementz BA**. Personality and clinical characteristics of patients with trichotillomania. *Journal of Clinical Psychiatry* 1992; 53: 407-413.
14. **Clementz BA**, Iacono WG. Nosology and diagnosis. In AS Bellack, M Hersen (Eds.), *Psychopathology in Adulthood: An Advanced Text* 1993; New York: Allyn and Bacon.
15. Iacono WG, **Clementz BA**. A strategy for elucidating genetic influences on complex psychopathological syndromes (with special reference to ocular motor functioning and schizophrenia). *Progress in Experimental Personality and Psychopathology Research* 1993; 16: 11-65.
16. Sweeney JA, Haas GL, **Clementz BA**. Schizophrenia: Etiology. In AS Bellack, M Hersen (Eds.), *Psychopathology in Adulthood: An Advanced Text* 1993; New York: Allyn and Bacon.
17. Sweeney JA, **Clementz BA**, Escobar MD, Li S, Pauler DK, Haas GL. Mixture analysis of pursuit eye-tracking dysfunction in schizophrenia. *Biological Psychiatry* 1993; 34: 331-340.
18. Sponheim SR, **Clementz BA**, Iacono WG, Beiser M. Resting EEG in first-episode and chronic schizophrenia. *Psychophysiology* 1994; 31: 37-43.
19. **Clementz BA**, McDowell JE. Smooth pursuit in schizophrenia: Abnormalities of open- and closed-loop responses. *Psychophysiology* 1994; 31: 79-86.
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