Christopher R. Seemann

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Psychophysiological Measures

EKG, EEG, Eye Tracking, fMRI

Objective

My objective is to obtain a position that utilizes my knowledge of designing experiments, programming, building datasets and databases, developing workflows, performing statistical analyses, adapting software and web platforms, and leading research teams to apply technological solutions to problems in either a research or a corporate setting.

Skills

Software Platforms

E-Prime, Inquisit, Microsoft Office

Web Platforms

SurveyMonkey, Qualtrics, MTurk, GitHub

Statistics and Mathematics

SAS, SPSS, R, MatLab, Octave

C, VisualBasic, Java, JavaScript, LISP, SQL, SPQRL, LISP, HTML, Assembly Language

Computer Science

Experience

The Trauma and Psychophysiology Lab Wendy D'Andrea, Affiliate New York, NY (2010 - Present)

- Consulted on the development of experimental protocols
- Created data pipelines to process physiological and other types of data
- Wrote code that ran through the APIs of software and web-based platforms to collect data
- Consulted on statistical analyses for both research projects and dissertations
- Led and trained research teams

The Psychopathology Lab of McWelling Todman, Senior Researcher New York, NY (2007 - Present)

- Developed experimental protocols
- Wrote code that ran through the APIs of software and web-based platforms to collect data
- Built databases to resolve research questions
- Completed statistical analyses based on content found on social media
- Consulted on statistical analyses for both research projects and dissertations

Johnston & Murphy, Sales plus New York, NY (2005 - 2014)

- Led sales teams
- Involved in hiring staff and management
- Trained both sales people and management
- Analyzed metrics to improve business
- Resolved customer service issues
- Interacted with corporate and vendor representatives
- Dealt with the daily finances of a business including scheduling, payroll, maintenance, and ordering

Education

THE NEW SCHOOL FOR SOCIAL RESEARCH NYC, NY (2010 - Present)

- PHD Candidate, Cognitive, Social, and Developmental Psychology. ABD
- Dissertation. Boredom and Reward Expectancy with Autonomic Correlates

CENTRAL CONNECTICUT STATE UNIVERSITY New Britain, CT (2015 - Present)

MS, Computer Information Technology

THE NEW SCHOOL FOR SOCIAL RESEARCH NYC, NY (2007 - 2009)

MA, Research Masters in Psychology

BOSTON UNIVERSITY Boston, MA (2003 - 2007)

BA, Psychology. Minor: Philosophy

CHRISTOPHER ROBERT SEEMANN

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EDUCATION

Sept. 2010 to present
Expected Graduation May 2016
Ph.D. Candidate, Cognitive, Social, and Developmental Psychology
The New School for Social Research

Jan. 2015 to present Expected Graduation May 2016 M.S., Computer Information Technology Central Connecticut State University

Sept. 2007 to May 2009 M.A., General Psychology, Research Masters The New School for Social Research

Sept. 2003 to May 2007 B.A., Psychology, Minor Philosophy Boston University

HONORS AND AWARDS

2007 to present The New School for Social Research, Scholarship
2006 Psi Chi
2003 to 2007 Boston University, University Scholar
2003 National Merit Scholar
2003 National Honor Scholar

ASSOCIATION MEMBERSHIPS

Association for Psychological Science, Student Affiliate Society for Affective Science, Student Affiliate International Society for Traumatic Stress Studies, Student Affiliate Society for Psychophysiological Research, Student Affiliate Eastern Psychological Association, Student Affiliate

DISSERTATION

Seemann, C.R. (2016). *Anticipatory and consummatory boredom with autonomic correlates: Two experiments.* The New School for Social Research.

Committee: McWelling Todman (Chair), PhD, Marcel Kinsbourne, PhD, Wendy D'Andrea, PhD, Sanjay Ruparelia (Dean's Rep), PhD.

THESES

Tong, K.D., Daley, K.J., Vijayakumar, K., & Seemann, C.R. (2008). Methods of building the same semantic web, Unpublished Masters Thesis, Central Connecticut State University.

Seemann, C.R. (2008). *Conditioning boredom to a neutral stimulus, Unpublished Masters Thesis*, The New School for Social Research.

Seemann, C.R. (2002). Sex differences in locus of control, coping, and the relationship between locus of control and coping, Bachelors Thesis, Boston University.

WORKS IN PROGRESS

Seemann, C.R. *The time course of physiological changes during the experience of boredom and dissociation*. The New School for Social Research.

D'Andrea, W., DePierro, J., Freed, S., & Seemann, C.S. *Title to Come* (Eye tracking). The New School for Social Research.

Seemann, C.R., DePierro, J., Kinsbourne, M., D'Andrea, W., & Todman., M. *The Self-Report and Physiological Correlates of Boredom*. The New School for Social Research.

Seemann, C.R., DePierro, J., Kinsbourne, M., D'Andrea, W., & Todman., M. *Boredom and Reinforcement with Autonomic Correlates*. The New School for Social Research.

Seemann, C.R., Burr, D., & Bertani, B. On the relationship between dissociation and boredom with autonomic correlates. The New School for Social Research.

Seemann, C.R. Baseline autonomic correlates relating to dissociation, boredom, and related constructs. The New School for Social Research.

Seemann, C.R. & Horan, T. Twitter and boredom: A critique of massive datasets. The New School for Social Research.

UNSUBMITTED MANUSCRIPTS

Seemann, C.R., Nanavati, S., Lehr, E., & Salinas, L. (2011). *Exploratory research into the autonomic correlates of boredom*. The New School for Social Research Psychology Bulletin.

Seemann, C.R. (2011). A useful religion can be founded on lies. The New School for Social Research.

Seemann, C.R. (2010). The basic emotions and theory of mind: Alternative processes in the recognition of emotional states in others. The New School for Social Research.

Seemann, C.R. (2009). *An Evolutionary Perspective of the Five Factor Model and Pathology.* The New School for Social Research.

Seemann, C.R. (2008). Alternative processes for theory of mind in autism: An event-related brain potential study utilizing metaphor comprehension. The New School for Social Research. Data never collected.

Seemann, C.R. & Brady, D. (2008). *Morality shifting*. The New School for Social Research.

Seemann, C.R. (2008). Automatic activation of social knowledge and the features of long-term memory. The

New School for Social Research.

Seemann, C.R. (2007). *Religious and secular knowledge in meaning: An application of the meaning maintenance model*. The New School for Social Research.

Seemann, C.R. (2007). A rational basis for the huggim laws. Boston University.

Seemann, C.R. (2005). A phenomenological account of misusing objects. Boston University.

REVIEWING ACTIVITIES

2008 to 2009 New School Psychology Bulletin

PROFESSIONAL EXPERIENCE

Jan. 2008 to present

Senior Researcher, The New School for Social Research, Boredom Lab. Duties: experimental design, student supervision, interviewing research participants, coding research interviews, statistical analysis, programming, & technical support.

Jan. 2012 to present

Affiliate, The New School for Social Research, Trauma Lab. Duties: statistical analysis, programming, & technical support.

CONFERENCES AND PRESENTATIONS

Seemann, C.R. Todman, M., & D'Andrea, W. (2014). *Boredom and Autonomic tone: Two experiments*. Society for Affective Science, Bethesda, MA, USA.

Seemann, C.R., Bertani, B., Burr, D., Todman, M., & D'Andrea, W. (2013). *On the relationship between dissociation and boredom with autonomic correlates*. Poster Presentation. International Society for Traumatic Stress Studies, Philadelphia, PA, USA.

Seemann, C.R., Burr, D., Todman, M., & D'Andrea, W. (2013). *Boredom, Attention, and Reinforcement*. Poster Presentation. Society for Psychophysiological Research, Florence, Italy.

Seemann, C.R., Bertani, B., Burr, D., Todman, M., & D'Andrea, W. (2013). *The relationship between boredom and dissociation*. Poster Presentation. Eastern Psychological Association, New York, NY, USA.

Seemann, C.R. (2012). *Repeated measure data analysis*. Presentation at The New School for Social Research, New York, New York, USA.

Seemann, C.R., Erazo, T., Todman, M., & D'Andrea, W. (2012). *The autonomic correlates of boredom*. Poster Presentation. Society for Psychophysiological Research, New Orleans, LA, USA.

Seemann, C.R., Nanavati, S., Lehr, E., & Salinas, L. (2012). *Exploratory research into the autonomic correlates of boredom*. Poster presentation, N.E.U.R.O.N, New York, New York, USA.

Nanavati, S.S., Wilson, M., & Seemann, C.R. (2011). Autonomic impact of headstand. Poster presentation,

Society for Psychophysiological Research, Boston, MA, USA.

Seemann, C.R. (2008, November). *The importance of interdisciplinary study*. Panelist at Philosophy and Psychology: An Interdisciplinary Dialogue at The New School for Social Research, New York, New York, USA.

Seemann, C.R. (2007, December). *Existential meanings and cultural models*. *Presentation at the* New School for Social Research, New York, New York, USA.

COMMITEES

CIO Search. (2015-2016), Student Representative.

FILMS AND INTERVIEWS

Seemann, C.R. *Boredom – The Documentary*. Directed by Albert Nerenberg. (2012). Montreal: Elevator Films.

RELEVANT SKILLS

Software Platforms: E-Prime, Inquisit, Microsoft Office Web Platforms: SurveyMonkey, Qualtrics, MTurk, GitHub Statistics and Mathematics: SAS, SPSS, R, MatLab, Octave

Computer Science: Java, JavaScript, VisualBasic, LISP, C, Assembly Language, SQL, SPQRL, HTML

Physio: ANSAR EKG, Mindware EKG, Eye Tracking, EEG, fMRI

Foreign Languages: Some German

REFERENCES

Neli Zlatareva, Advisor. 860.832.2723. <u>zlarareva@ccsu.edu</u> Zdravko Markov. Professor. 860.832.2711. <u>markovz@ccsu.edu</u>

McWelling Todman. Advisor. 212.229.5727 x3258. todmanm@newschool.edu

Wendy D'Andrea. Committee Member. 212.229.5727 x3257. dandreaw@newschool.edu