

JUSTIN L. DAINER-BEST

www.justindb.com

EDUCATION

Haverford College

Haverford, PA, 2009

Bachelors in Arts

Majors in Psychology (Concentration in Neural and Behavioral Science) and English.

Senior Thesis: Attachment style as a predictor of positive event-related brain potentials in a social-stimulation task. *Advisor:* Professor Rebecca Compton.

Coral Reef Senior High School

Miami, FL, 2005

International Baccalaureate Diploma.

Languages: Fluent in Spanish.

RESEARCH AND PROFESSIONAL EXPERIENCE

Research Associate

Miami, FL

Laboratory of Amishi Jha. Attention and Working Memory, Department of Psychology, University of Miami

(Sep. 2010-present.) Research emphasis on working memory, cognitive control, executive function, and mindfulness training. Performing statistical data analysis and processing (including SEM), coding in Visual Basic and MATLAB—in a long-term behavioral and EEG study of attention, mindfulness, and stress.

Research Assistant in Neuroimaging Research

Madrid, Spain

Centro de Magnetoencefalografía, Universidad Complutense de Madrid

(Dec. 2009-Jun. 2010.) with Professor Tomas Ortiz, Ph.D. EEG work on depression.

English-language Teacher for Middle and High School

Madrid, Spain

Colegio Patrocinio de María (FERE-ECM Madrid)

(Oct. 2009-Jun. 2010.) Teaching basic/advanced English: grammar, culture, and vocabulary.

Research Assistant in Human Emotional Neurocognition

Haverford, PA

Haverford College Department of Psychology

(Sep. 2007–2009.) Conducted projects on the relationship between emotion and EEG, directed by Rebecca Compton, Ph.D. Administered the protocol for an EEG procedure, and EEG analyses, as well as the implementation of a computer-based study design using E-Prime and imaging software. Conducted a senior thesis in this lab.

Research Assistant in Neurodevelopmental Disorders

Miami, FL

University of Miami Department of Psychology

(Full-time summer position: 2006, 2007, & 2008.) Assisted in an NIMH-funded study on high-functioning autism (HFA) directed by Peter Mundy, Ph.D. and Heather Henderson, Ph.D. Administered a protocol, managed data in Microsoft Access, scored measures, and created new methods of scoring using Excel and Visual Basic.

Intern in Autism Therapy

Buenos Aires, AR

FLENI: Foundation for the Fight against Childhood Neurological Diseases

(May–July 2008.) Aided in therapy with Prof. Aggio, working with low-functioning autistic children. Observed and provided therapy.

Lead Student Assistant at Computing Helpdesk

Haverford, PA

Haverford College Information Resources

(Sep. 2005–2009.) Helped end-users with computing difficulties for both Macintosh and PCs, installed wireless access points, and created web-pages. Gained broad computer knowledge.

PUBLICATIONS & PRESENTATIONS

Publications

- Jha, A.P., **Dainer-Best, J.**, Stanley, E.A. & Rostrup, N. (in preparation). The influence of mindfulness training on mind wandering.
- Compton, R.J., Arnstein, D., Freedman, G., **Dainer-Best, J.**, & Liss, A. (2011). Cognitive control in the inter-trial interval: Evidence from EEG alpha power. *Psychophysiology*, 48, 583-90.
- Compton, R.J., Arnstein, D., Freedman, G., **Dainer-Best, J.**, Liss, A., & Robinson, M.D. (2011). Neural and behavioral measures of error-related cognitive control predict daily coping with stress. *Emotion*, 11, 379-90.
- Compton, R.J., **Dainer-Best, J.**, Fineman, S.L., Freedman, G., Mutso, A., & Rohwer, J. (2010). Anxiety and expectancy violations: Neural response to false feedback is exaggerated in worriers. *Cognition and Emotion*, 24, 465-479.

Abstracts (Posters and Presentations)

- **Dainer-Best, J.**, Stanley, E.A., Elliman, T., Schaldach, J.M., Rostrup, N., & Jha, A.P. (2011). The influence of mindfulness training on mind wandering. Poster session accepted at the Society for Neuroscience Annual Meeting.
- Inge, A.P., Mundy, P.C., Henderson, H.A., Kojkowski, N.M., Schwartz, C.B., Zahka, N.E., Hileman, C.M., Coman, D.C., & **Dainer-Best, J.** (2007). Anterior EEG asymmetry and social symptoms in HFA children. Poster Session at the International Meeting for Autism Research [IMFAR].
- Zahka, N.E., Coman, D.C., Inge, A.P., Kojkowski, N.M., Hileman, C., Schwartz, C.B., **Dainer-Best, J.**, Weisman de Mamani, A., Henderson, H., & Mundy, P.C. (2007). Parental attitudes, family factors, and the role of attribution in the emotional and social development of higher functioning children with autism. Poster Session at the International Meeting for Autism Research.
- Zahka, N. E., Coman, D. C., Inge, A.P., Kojkowski, N.M., Hileman, C., Schwartz, C.B., **Dainer-Best, J.**, Weisman de Mamani, A., Henderson, H., & Mundy, P.C. (2007). Parental attitudes, family factors, and the role of attribution in the emotional and social development of higher functioning children with autism. Poster Session at the Society for Research in Child Development [SRCD] Biennial meeting.

APTITUDES

- Proficient with NeuroScan, E-Prime, and EEG software
- Proficient with Adobe Creative Suite, Microsoft Office, and web development tools
- Programming languages: Visual Basic (esp. for Excel), basic MATLAB, basic Python, Linux & DOS command-line
- At Haverford College, Editor-in-Chief of the *Haverford Review*, Literary Magazine, 2006–2009