

Curriculum Vitae

André V. Maharaj

Contact Information

Full Name: André Vishesh Michael Maharaj
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Education

- 2014** **PhD. Psychology**
Florida International University, Faculty of Arts and Sciences
- 2008** **M.Sc. Clinical Psychology**
University of the West Indies, Faculty of Medical Sciences
- 2005** **B.Sc. Psychology (Honors)**
University of the West Indies, Faculty of Social Sciences
- 2014** **BCBA Board Certified Behavior Analyst**
Behavior Analysis Certification Board
- 2008** **CH. Certification in Hypnotherapy**
Certified by the National Guild of Hypnotists

Research

Publications

- Gewirtz, J.L. & Maharaj, A. (2012). Can Behavior Analysis Benefit from Reductionism? *European Journal of Behavior Analysis*. 13, (1), p. 91-95.
- Breakwell, G., Smith, J.A., & Wright, D.B. (Eds) (2012). Research methods in psychology (4th ed). London: Sage Publications.
 - Chapter 2: Multiple Choice Questions

Publications - Revise / Resubmit
(Year) Indicates Date of Submission

- Gewirtz, J.L. & Maharaj, A. (2014). Pattern Analyses Using Multiple Single-Case, and Minimal Group, Designs in Behavior-Analytic Research. *The Behavior Analyst*.

Pending Publications
(Papers Completed – In process of submission)

- Maharaj, A.V., Guitierrez, A., Cadavid, S., & Cueto, C. Automated measurement of modeled stereotypic behavior using the Kinect system.
- Maharaj, A.V., Waschbusch, D., Gutierrez, A., & Graziano, P. The effects of type I and type II punishment in children with callous and unemotional traits.

Presentations

- A Comparison of Three Methods to Assess Social Reinforcers for Children with ASD. *Florida Association of Behavior Analysis* (2011). Andre Maharaj and Anibal Gutierrez, University of Miami, Elaine Espanola, Alexandra Alfonso & Wandy Caceres, Florida International University, Melissa Hale, University of Miami.
- Can Behavior Analysis Benefit from Reductionism? *Sarasota Symposium on Behavior Analysis*. (2011). Jacob Gewirtz and Andre Maharaj, Florida International University.
- Individual and developmental differences in audiovisual speech perception: An eye-tracking and fMRI study. Slide presentation at the *2012 Neurobiology of Language conference* in San Sebastian. Anthony Steven Dick, Catherine Bradley, Barbara Junco, Iris Broce, and André Maharaj. NLC (2012) Spain.
- Social Behavior in Children with Autism (Discussion Chair): Andre Maharaj. ABAI (2013) Minneapolis.
- Establishing Social Stimuli as Reinforcers. Paloma Pedraza and Andre Maharaj. ABAI (2013) Minneapolis.
- Evaluating an Automated Motion Sensor System to Record Repetitive Behavior. Andre Maharaj, Carlos Cueto, Anibal Gutierrez and Steven Cadavid. FABA (2013) Daytona Beach
- Utilizing an Automated Motion Sensor System to Record and Analyze Modeled Replications of Stereotypy. Andre Maharaj, Anibal Gutierrez and Steven Cadavid. ABAI (2014) Chicago.
- Examining Punishment Response in Children with Callous and Unemotional Traits. Andre Maharaj, Anibal Gutierrez and Daniel Waschbusch. FABA (2014) Bonita Springs.
- Freakatastics! Multiple Cases for Single Subject Stats (Ignite Presentation). Andre Maharaj. FABA (2014) Bonita Springs.

Posters

- Investigating Variables Related to Treatment Progress Using an Electronic-Data-Collection System. *Association of Behavior Analysis International* (2012). Andre Maharaj and Anibal Gutierrez Jr., Florida International University, and Greg Olmstead, Mobile Thinking, LLC. ABAI (2012) Denver.
- Investigating Individual Variables Predicting Overall Treatment Progress for Children with Autism. *Florida Association of Behavior Analysis* (2012). Andre Maharaj and Anibal Gutierrez Jr., Florida International University. FABA (2012) Jacksonville.
- Evaluating sources of cognitive inflexibility in children and adults. Jessica Medina, Andre Maharaj, Emily Geisler, Stephany Giraldo, Catherine Bradely, Melissa Paz and Anthony Stephen Dick. SRCD (2013) Seattle.

- Neurobiological development of audiovisual speech perception: An fMRO study in 5- to 8-year olds. Anthony Dick, Catherine Bradely, Iris Broce, Byron Bernal, Andre Maharaj, Nolan Altma. SRCD (2013) Seattle.
- The impact of problem behavior on language outcomes for preschool-aged children with ASD. Anibal Gutierrez, Jessica Weber, D. Coman, Andre Maharaj, D. Bagner, M. Asllesandri, B. Boyd, H. Hume, L.D. Johnson, L.A. Sperry and S. Odom. IMFAR (2013) Spain.
- Analysis of the CPS of children with CU traits for inclusion in punishment assessment. Andre Maharaj, Daniel Waschbusch, Sarah Haas, Michael Willoughby, Sarah Helseth, Kat Crum, Amy Altszuler, Jessica Ross, Anibal Gutierrez. ABAI (2013) Minneapolis.
- Utilizing A Stimulus Control Procedure to Increase Multiple Appropriate Verbal Responses. Jessica Weber, Andressa Sleiman, Andre Maharaj and Anibal Gutierrez. ABAI (2013) Minneapolis.
- Psychopathy and Sensitivity – Examining Punishment in Children with Callous and Unemotional Traits Utilizing Electrophysiological and Task Measures. Andre Maharaj, Camilo Bandes, Willmary Escoto, Stella Villalobos, Daniel Waschbusch and Anibal Gutierrez. ABAI (2014) Chicago.
- Utility of an Automated Motion Sensor for Recording Modeled Stereotypy. Andre Maharaj, Anibal Gutierrez and Steven Cadavid. FABA (2014) Bonita Springs.

Current Research

- Exploring the Development of Social Responses in Children with Callous and Unemotional Traits; Examining the Impact of Hypothesized Reinforcing and Aversive Stimuli.
- Utilizing an Automated Motion Sensor System to Record and Analyze Modeled Replications of Stereotypy.
- Negative Priming in Executive Functioning (FIST Task) – Cognitive Neuroscience

Research Interests

- Criminal Psychopathology and its Behavioral Correlates
- Criminal Psychopathology and its Neurological Underpinnings
- Quantitative and Qualitative assessment of Behavior Change strategies.
- Quantitative analysis of Single-Subject research designs.
- Addictive Behaviors
- Psychological Assessment – Personality and Intelligence

Previous Research

- Depression, Anxiety and Suicidal Ideation in Long Term and Short Term prisoners.
- Smoking and Stress: Utilizing the EEG to examine the relationships between smoking and stress.

Achievements

Awards

- FIU 2014 Scholarly Forum Winner: Psychology
 - First Place
- SABA 2012 Grant
 - Finalist
- FABA 2014 Poster Awards
 - Content / Visual Presentation

Employment

2014 (May) – Present

Florida International University: Adjunct Professor

- Introduction to Psychology
- Research Methods

2014 (May) – Present

NOVA South Eastern University: Adjunct Professor

- Life-span Human Development

2013 (September) – 2014 (May)

Florida International University: Instructor

- The Psychology of Adolescence

2009 – 2013

Florida International University: Graduate Assistant (Research and Teaching)

- Introduction to Psychology
- Cognitive Neuroscience (Graduate)
- Cognitive Neuroscience (Undergraduate)
- Research Methods in Psychology
- Research Assistant in the Cognitive Neuroscience Laboratory
- Research Assistant in the Behavior Analysis Autism Research Laboratory

2008 (January) – 2008 (November)

Business Analyst Consultant / Project Manager: Computers and Controls Ltd.

- Enterprise resource planning (ERP) for deployment of regional company-wide solution.

- Project management of business analysis team, resource allocation and deliverables generation.
- Analyzing current business processes and optimizing functionality
- Streamlining current business processes and computer integration with processes
- *(Resigned in order to pursue Graduate Degree: PhD. Psychology)*

2008 (January) – 2008 (November)

Clinical Psychologist: United Nations Development Program – Vision on Mission

- Facilitating prisoner reintegration pilot program in the male prisons of Trinidad.
- Conducting research on the prison population for the purpose of analysis and refinement of pilot program.

2008 (August) – 2008 (December)

Part Time Lecturer: University of the West Indies

- Conducting SPSS statistical training.

2003 – 2008:

On-Call Research Assistant: ANSA McAL Psychological Research Center University of the West Indies

- Conducting interviews for psychological research.
- Conducting telephone interviews for the Guardian Newspaper Research through the Psychological Research Centre.
- Compiling data collected from numerous research projects and recoding.
- Administrative Work for the center.

2008 (January) – 2008 (June):

Physiological Psychology: University of the West Indies

- Conducting semester-long tutorials for students taking the “Physiological Psychology” course (Interactive Teaching Sessions required in addition to attending lectures).

2007 (September) – 2008 (December):

Statistics and Research Design Tutor: University of the West Indies

- Conducting semester-long tutorials for students taking the “Statistics and Research Design” course (Interactive Teaching Sessions required in addition to attending lectures).
- Specific Instruction on the use and application of statistics to research with emphasis on software involvement (SPSS) and analysis of results.

2006 – 2008 (April):

Teacher (A-Level): University of the West Indies 6th Form

- High School Psychology Teacher, responsible for classes preparing for the A Level Examination.
- Full Teaching Responsibility: Lectures, administering and correcting all examinations and assignments.

2005 (August) – 2005 (December)**Business Analyst: Computers and Controls Ltd.**

- Analyzing current business processes and optimizing functionality
- Streamlining current business processes and computer integration with processes
- Authoring of system and user manuals for developed programs
- *(Resigned in order to pursue Graduate Degree: M.Sc. Clinical Psychology)*

2004 – 2008:**Sales Representative: Color Shop 2004 Ltd.**

- Conducts in house and external sales.
- Transportation Supervisor.
- Aided in the launch of the business.
- Designed, implemented and maintained all software and hardware for the company's systems (Including technical and application software).

1998 – 2004**Sales Representative: St. Augustine Color Shop Ltd.**

- Conducted both in house and external sales for the company.
- Engineered sales and advertising strategies for use on new products.

Latter two companies were / are both family owned and operated.

Although duties specified were the major areas involved, all other aspects of a business including financial organization etc. were done.

2002 – 2003**Private Computer Science Lecturer**

- Lectured and assisted in project design for private students' high school computer science.

2001 – 2002**Teacher: Presentation College Chaguanas**

- Subject Areas: Computer Science, Mathematics, Technical Drawing and. Ethics
- Lectured and administered examinations to both lower and upper school computer science classes.
- Lab Supervisor for computer lab alongside head of department.

Teaching Experience - Précis

Professor

2014 – Present	Introduction to Psychology, Research Methods, Lifespan Development.
2013 – 2014	The Psychology of Adolescence

Instructor

2012 – 2013	Research Methods in Psychology
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Teaching Assistant

2010 – 2012	Cognitive Neuroscience (Graduate) Cognitive Neuroscience (Undergraduate)
2009 – 2010	Introduction to Psychology
2007 – 2008	Statistics and Research Design Physiological Psychology Cognitive Psychology

Professor (High School)

2006 – 2008	A-Level Psychology
2002 – 2003	Computer Science
2001 – 2002	Computer Science Mathematics Technical Drawing Ethics

Professional Affiliation

American Psychological Association

- Current Member

Association of Behavior Analysis International (ABAI)

- Current Member

Florida Association of Behavior Analysis (FABA)

- Current Member

National Guild of Hypnosis

- Current Member

Trinidad and Tobago Association of Psychologists (TTAP)

- Previous Member

Additional Skill Set

BCBA: Board Certified Behavior Analyst

- Experience in design and administration of behavior analytic therapy and intervention.
- Design of computerized / automated systems for recording and intervention in populations with stereotypic behaviors.
- Assessment of behavior analytic techniques in callous and unemotional child populations.

CH. Certification in Hypnotherapy

- Training in Hypnosis for therapeutic purposes.
- Uses include (but not limited to) behavior modification, management of addiction and marketing techniques.

Emotional Freedom Technique

- Training in EFT technique for therapeutic purposes.
- Application to emotional disturbance and stress management.

Employee Management and Assistance Program

- Certification for participating in MASI EMAP program.
- Identifying and dealing with issues affecting corporate function in employees and management.

Statistics

- Certified SPSS Course: University of the West Indies

Software

- **Programming Languages**
 - C++, C#, Java, Javascript, Pascal, Object Pascal, HTML, Basic, Visual Basic, AppleScript.
- **Applications – Specialized:**
 - Presentation (Stimulus Presentation)
 - Freesurfer (fMRI analysis)
 - AFNI (fMRI analysis)
 - nuiCapture™ (Microsoft Kinect™ data analysis)
 - MATLAB (Mathematical Computing)
 - R (Statistical Package)
 - M-Plus (Structural Equation Modeling)
- **Applications – Standard:**
 - SPSS, AMOS, Microsoft Word, Excel, Power Point, Macromedia Flash.

Training

- Seaman Class 4 Certification
 - Basic First Aid
 - CPR
 - Seamanship
- Fire fighting
- Onboard Emergency and Survival Training

Interests and Hobbies

- Music creation and performing
- Programming
- Chess
- Website design
- Swimming
- Squash
- Badminton
- Poetry
- Reading
- Cooking

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