

## CURRICULUM VITAE

**Neil Deochand, Ph.D., BCBA**

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### **Educational History**

- 2017            **Doctor of Philosophy** in Psychology: Behavior Analysis  
Western Michigan University  
Kalamazoo, MI
- 2015            **Master of Arts** in Psychology: Behavior Analysis  
Western Michigan University  
Kalamazoo, MI
- 2009            **Master of Science** in Health Education and Behavior  
University of Florida  
Gainesville, FL
- 2007            **Bachelor of Science** in Psychology  
University of Florida  
Gainesville, FL

### **Professional Experience**

- 2017 - Present      Assistant Professor  
University of Cincinnati, CECH, School of Human Services  
Cincinnati, OH
- 2016 - 2017        Instructor Health Psychology  
Western Michigan University  
Kalamazoo, MI
- 2013 - 2016        Graduate Assistant Great Lakes Center  
Residential Opportunities Incorporated  
Portage, MI
- 2012 - 2013        Quality Assurance BCBA Supervisor of District 23 (SunCoast Region)  
Agency for Persons with Disabilities (A.P.D.)  
Tampa, FL
- 2011 - 2012        Behavior Analyst (BCBA)  
Hillsborough Achievement Resource Center (H.A.R.C.)  
Tampa, FL
- 2011                Behavior Analyst (BCBA)  
Organization: Automaticity Inc.  
Miami, FL
- 2008 - 2011        Behavior Assistant/ BCaBA  
Behavioral Analysis Support Services (B.A.S.S.)  
Gainesville, FL

### **Highest Awards**

2019	Faculty Incentive Award: Presentations, Publications, and Leaderships ( <b>\$800</b> )
2018	Faculty Research Launch Award ( <b>\$2500</b> )
2018	Faculty Incentive Award: Presentations, Publications, and Leaderships ( <b>\$800</b> )
2017	All-University Graduate Research and Creative Scholar Award for research accomplishments. Western Michigan University, MI.
2017	Departmental Research and Creative Activities Award for Behavior Analysis Doctoral Accomplishments. Western Michigan University, MI.
2017	Make a Difference Award, Graduate Student Association, WMU, MI.
2015	Graduate E-Board Member serving the WMU's graduate student body (2015-2016), Western Michigan University, MI. (Stipend of <b>\$2,000</b> ).
2013	Kings Chavez Parks (KCP) Future Faculty Fellowship, Western Michigan University, MI (Stipend of <b>\$32,776</b> )

### **Funding Grants or Contracts**

2021	Virginia Department of Behavioral Health and Developmental Services ( <b>\$3,526.66</b> )
2020	Faculty Development Funds ( <b>\$200</b> )
2019	Faculty Development Funds ( <b>\$500</b> )
2018-19	Venture Lab Accelerator funds through the BearCat Den ( <b>\$115,000</b> )
2018	Venture Lab Pre-accelerator funds through the BearCat Den ( <b>\$5,000</b> )
2017-18	Technology Development Funds for WMU IP Management and Commercialization Advisory Committee (IPMCAC). Funds ( <b>\$15,556</b> ) will support developing an exercise prototype, research and development, and customer discovery.
2016	Graduate Research Grant, Western Michigan University, MI ( <b>\$1000</b> ).
2016	Support from Office of the Vice President for Research at Western Michigan University for the Introduction to Customer Discovery (ICD) program ( <b>\$1,400</b> ).
2016	Blue Cross Blue Shield of Michigan Student Award Program ( <b>\$3,000</b> ).
2016	Submitted utility patent submitted on April 6 <sup>th</sup> USPTO patent no. <b>2016/0287939</b> .
2015	Graduate Student Travel Grant, Western Michigan University, MI ( <b>\$750</b> ).
2014	Secured departmental funding ( <b>\$850</b> ) for 3 engineering students to create an exercise performance feedback device.

### **Academic Service**

2021	<b>Invited Presenter</b> to Behavior Momentum India VCS cohort (5 sessions)
2020	<b>Invited Reviewer:</b> Journal of Behavioral Education x <b>2</b>
2020- Present	<b>Editorial Board Reviewer:</b> Behavior Analysis Research and Practice x <b>9</b>
2019	<b>Invited Reviewer:</b> Review Journal of Autism and Developmental Disorders x <b>3</b>
2019	<b>Reviewer:</b> Yates Fellowship selection committee
2019	<b>Invited Reviewer:</b> Neuroscience Letters x <b>2</b>

2017                    **Reviewer:** Ron Edwards Dissertation Award  
2017- Present        **Invited Reviewer:** Behavior Analysis in Practice x 6  
2015- Present        **Invited Reviewer:** Journal of Applied Behavior Analysis x 6  
2016- 2019          **Invited Reviewer:** Behavior Analysis Research and Practice x 6

**Peer-reviewed journal articles (in reverse chronological order)**

Lang, H., **Deochand, N.**, & Costello, M. S. (2021). Growth of the Professional Practice of Applied Behavior Analysis. *Behavior Analysis in Practice*. (**revise and resubmit**)

Costello, M. S., Carlin, M. T., DeMarco, M. V., Bagley R. F., **Deochand, N.** (2021). Quantifying Behavioral Data with the Ratio of Distances (RD) Effect Size, (**under review**).

**Deochand, N.**, & Costello, M. S. (2021). Integrating social justice into Applied Behavior Analysis. *Behavior Analysis in Practice*, (**revise and resubmit**)

**Deochand, N.**, Elridge, R. R., & Peterson, S. M. (2020). Toward the development of a functional analysis risk assessment decision tool. *Behavior Analysis in Practice*, doi: 10.1007/s40617-020-00433-y.

**Deochand, N.**, Costello, M. S., & Fuqua, R. W. (2019). Real-time contingent feedback to enhance punching performance. *Psychological Record*, doi: 10.1007/s40732-019-00357-2

Mack S. Costello, M. S., Sheibanee, B. D., Ricketts, A., Hirsh, J. L., & **Deochand, N.** (2019). Analysis of social reinforcement for gambling in single case designs. *Analysis of Gambling Behavior*, 12(1). <https://repository.stcloudstate.edu/agb/vol12/iss1/1>

Molina, B. **Deochand, N.**, & McGee, H. (2019). Learning from experimental communities using behavioral systems analysis. *Behavior and Social Issues*. doi:10.1007/s42822-019-00005-y.

**Deochand, N.**, Hughes, H. C., & Fuqua, R. W. (2019). Evaluating visual feedback on the handwashing behavior of students with emotional and developmental disabilities. *Behavior Analysis: Research and Practice*. doi:10.1037/bar0000154

**Deochand, N.**, Costello, M. S., & Deochand, M. E. (2018). Behavioral research with planaria, Perspectives on Behavior Science. doi: 10.1007/s40614-018-00176-w

Kranak, M. P., Shapiro, M. N., Sawyer, M. R., **Deochand, N.**, & Neef, N. A. (2018). Using behavioral skills training to improve graduate students' graphing skills. *Behavior Analysis in Practice*, doi:10.1037/bar0000131.

Curiel, H., Curiel, E. S., Li, A., **Deochand, N.**, & Poling, A. (2018). Examining a web-based procedure for assessing preference for videos. *Behavior Analysis in Practice*, 1-5. doi:10.1007/s40617-018-0210-7

Morris, C.A., **Deochand, N.**, & Peterson, S.M. (2018). Using Microsoft Excel® to build a customized partial-interval data collection system, *Behavior Analysis in Practice*, 11, 504-516. doi:10.1007/s40617-018-0259-3

Wiskirchen, R. R., **Deochand, N.**, & Peterson, S. M. (2017). Functional analysis: A need for clinical decision support tools to weigh risks and benefits. *Behavior Analysis: Research and Practice*, 4, 325-333. doi:10.1037/bar0000088

- Deochand, N.** (2017). Automating phase change lines and their labels using Microsoft Excel(R). *Behavior Analysis in Practice, 10*, 279-284. doi: 10.1007/s40617-016-0169-1
- Deochand, N.,** Costello, M. S., & Fuqua, R. W. (2017). Chart goals for behavior analysis, *Behavior Analysis: Research and Practice, 16*, 1-2. doi:10.1037/bar0000065
- Costello, M. S., Whiting, S. W., Hirsh, J. L., **Deochand, N.,** & Spencer, T. (2016). Annotated bibliography of behavior analytic scholarship outside of analysis of gambling behavior: 2013-2015. *Analysis of Gambling Behavior, 10*(1) 1-10.
- Deochand, N.,** & Fuqua, R. W. (2016). BACB certification trends: State of the States (1999 to 2014). *Behavior Analysis in Practice, 9*, 243-252. doi:10.1007/s40617-016-0118-z
- Deochand, N.,** Costello, M. S., & Fuqua, R. W. (2016). Recording an Excel® Macro to specify date ranges for clinical data. *Behavior Analysis in Practice, 9*, 230-234. doi:10.1007/s40617-015-0080-1
- Deochand, N.,** & Deochand, M. E. (2016). Brief report on hand-hygiene monitoring systems: A pilot study of a computer-assisted image analysis technique. *Journal of Environmental Health 78*(10), 14-20.
- Deochand, N.,** Conway, A., & Fuqua, R. W. (2015). Design considerations for an intensive autism treatment centre. *Support for Learning, 30*, 327-340. doi:10.1111/1467-9604.12103
- Deochand, N.,** Costello, M. S., & Fuqua, R. W. (2015). Phase change lines, scale breaks and trend lines using Excel 2013. *Journal of Applied Behavior Analysis, 48*, 478-493. doi:10.1002/jaba.198

### **Presentations & Workshops**

- Deochand, N.,** Lang, H., & Broto, J. (2020, May). In M. Costello (chair), *Crafting Evidence-Based Policies Using Data Displays of International BACB Certificants*. Symposium at ABAI 46<sup>th</sup> Annual Convention, Washington DC online.
- Deochand, N.,** Lang, H., & Dubuque E. M. (2020). *Growth of the Profession: Some Data Analyses and Ramifications*. In **N. Deochand** (chair), Invited presentation at the APBA, Denver, CO. (canceled COVID)
- Deochand, N.,** & Kandarpa, K. (2020, February). *Developing a Functional Analysis Risk Assessment Decision Tool*. Panel at 10<sup>th</sup> OHABA conference, Columbus, OH.
- Costello, M. S., & **Deochand, N.** (2020, February). *Physical Activity Shaped by Music: Contingencies for Practitioners and Clients*. Panel at 10<sup>th</sup> OHABA conference, Columbus, OH.
- Deochand, N.,** & Elridge, R. R. (2019, May). *Using a functional analysis risk assessment decision tool in applied settings*. Workshop at ABAI 45<sup>th</sup> Annual Convention, Chicago, IL.
- Deochand N.,** McCoy, D., & Hawkins, J. (2019, May). In A. Li (chair), *Toward a social justice framework: Shaping a diverse ABA community*. Panel at ABAI 45<sup>th</sup> Annual Convention, Chicago, IL.
- Peterson, S., & **Deochand, N.** (2019, February). *Necessary components of conducting a risk-benefit analysis for the functional analysis*. Symposium at BAAM, Ypsilanti, MI.
- Deochand, N.,** McCoy, D., Hawkins, J., & Collins, T. (2019, February). *Developing culturally informed assessments and treatments in Applied Behavior Analysis*. Panel at 9<sup>th</sup> OHABA conference, Columbus, OH.
- Deochand, N.** (2018, November). *Making music contingent on punching performance*. Invited presentation at the MOABA, St Louis, MO.

- Deochand, N.**, Lee, Y., Donlin, W., & Costello, M. (2018, May). In E. Rasmussen (chair), *Walking, punching and eating: Approaches to studying health behaviors*. Symposium at the ABAI 44<sup>th</sup> Annual Convention, San Diego, CA.
- Deochand, N.**, & Morris, C. A. (2017, May). *Save time in Microsoft Excel automating phase change lines and labels, selecting date ranges, and creating templates*. Workshop at the ABAI 43<sup>rd</sup> Annual Convention, Denver, CO.
- Morris, C. A., **Deochand, N.**, & Vanderweele, N. (2017, May). *A practitioner's guide to building a customized electronic data collection system using Microsoft Excel*. Workshop at the ABAI 43<sup>rd</sup> Annual Convention, Denver, CO.
- Deochand, N.** (2017, February). *Assessing a punching bag feedback performance device*. Presentation at 14th Annual Research Day WMU Department of Psychology, Kalamazoo, MI.
- Koeber, J., Gage, C., Schrum, S., & **Deochand, N.** (2015, May). In Fuqua, R. W. (chair): *Lessons learned from opening an intensive residential treatment program for children with Autism*. Panel at the ABAI 41<sup>st</sup> Annual Convention, San Antonio, TX.
- Costello, M., Hirsh, J., **Deochand, N.**, & Fuqua, R. W. (2014, May). *Toward a behavioral functional analysis of gambling*. Symposium at the ABAI 40<sup>th</sup> Annual Convention, Chicago, IL.
- Deochand, N.** (2012, July). *What a residential habilitation provider should expect from a behavior provider*. Florida SunCoast Region.
- Deochand, N.** (2012, June). *What is "Chart Junk" and how can I clean up my graphs?* Tampa, FL.
- Posters**
- Costello, M., Stapleton, D., & **Deochand, N.** (2020, May). *Efficacy of Conjugate-Scheduled Music to Alter Run Pace and Cadence*. Poster at the ABAI 46<sup>th</sup> Annual Convention, Washington DC online.
- Costello, M., Carlin, M. T., Bagley, R... **Deochand, N.** (2020, May). *Data Interpretation Using the RD Effect Size Compared With a Non-Overlap Measure and Visual Analysis*. Poster at the ABAI 46<sup>th</sup> Annual Convention, Washington DC online.
- Sheibanne, B., Costello, M., **Deochand, N.**... Ricketts, M. (2018, May). *Social and game-structural effects on gambling in the laboratory*. Poster at the ABAI 44<sup>th</sup> Annual Convention, San Diego, CA.
- Deochand, N.**, Hughes, S. H., & Fuqua, R. W. (2018, May). *An evaluation of individualized visual feedback on hand washing behavior of three young students with developmental disabilities*. Poster at the ABAI 44<sup>th</sup> Annual Convention, San Diego, CA.
- Deochand, N.**, & Fuqua, R. W. (2017, May). *Assessing a punching bag feedback performance device*. Poster at the ABAI 43<sup>rd</sup> Annual Convention, Denver, CO.
- Deochand, N.**, Yang, Y., & Burroughs, R. (2017, May). *Going in circles: An omni-directional light device to increase turning behavior in Planaria*. Poster at the ABAI 43<sup>rd</sup> Annual Convention, Denver, CO.
- Fuqua, R. W., & **Deochand, N.** (2015, January). *Designing a center for autism treatment and research*. Poster at the 9<sup>th</sup> Annual Autism Conference at Las Vegas, NV.
- Deochand, N.**, Costello, M., & Fuqua, R. W. (2014, May). *Phase change lines, trend lines and scale breaks using Excel*. Poster at the ABAI 40<sup>th</sup> Annual Convention, Chicago, IL

- Gregory, C. D., **Deochand, N.**, & Fuqua, R. W. (2014, May). *Omnidirectional light device for operant conditioning in planaria*. Poster at the ABAI 40<sup>th</sup> Annual Convention, Chicago, IL
- Costello, M., **Deochand, N.**, & Fuqua, R. W. *Chess and behavioral processes*. Poster at the ABAI 40<sup>th</sup> Annual Convention, Chicago, IL.

### **Courses Taught**

- 2020 - Present      SPSY 8011a - Applied Behavior Analysis II & III (UC, OH)
- 2019                      SPSY 8012 - Behavioral Research Methods (UC, OH)
- 2018 - Present      SPSY 7042 - Working with Cultural and Linguistic Diversity in Schools (UC, OH)
- 2017 - 2019        SPSY 7045 - Frameworks for Disabilities and Disorders in Childhood (UC, OH)
- 2017 - Present      SPSY 7041 - Ethics for Behavioral Practice and Research (UC, OH)
- SPSY 8011 - Applied Behavior Analysis II (UC, OH)
- 2016 - 2017        PSY 4630 - Health Psychology (WMU, Kalamazoo, MI)
- 2013 - 2016        PSY 3990/ 5990 – Practicum Great Lakes Center for Autism Treatment & Research. (WMU, Kalamazoo, MI)
- 2015                      PSY 150 - Introduction to psychology (KVCC, Kalamazoo, MI)

### **Certifications**

- 2018 - Present      Certified Ohio Behavior Analyst (COBA) #2020
- 2011 - Present      Board Certified Behavior Analyst- Doctoral (BCBA) # 1-11-8761

### **Professional Affiliations**

- 2018 - Present      The Ohio Association for Behavior Analysis (OHABA)
- 2017 - Present      Association of Professional Behavior Analysis (APBA)
- 2010 - Present      Association for Behavior Analysis International (ABAI)

### **Media Podcasts**

- 2021                      BAP CAST (Journal Podcast)  
<https://bapcast.podbean.com/e/episode-6-toward-the-development-of-a-functional-analysis-risk-assessment-decision-tool-with-neil-deochand-and-becky-eldridge/>
- 2019                      Fitness 3k Podcast  
<https://fitness3k.com/podcasts/>
- 2018                      Behavioral Observations Podcast  
<https://behavioralobservations.libsyn.com/consumer-product-development-excel-hacks-and-planaria-research-session-70-with-neil-deochand>
- 2018                      Daily BA Podcast  
<https://www.thedailyba.com/episodes/2018/1125/boxing-behavior-analysis-w/-neil-deochand>