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|  | [Dr.Nicollematthews@gmail.com](mailto:Dr.Nicollematthews@gmail.com)  Rachel.n.carr-1@ou.edu |
| Education | |
|  | **Pennsylvania State World Campus (online) Aug 2007 – Aug 2008** *Applied Behavior Analysis program*  Board Certified Behavior Analyst 1 - 08 – 4893 Dec 2008 - Oct 2014  1- 15- 4893 renewal February 2015  Licensed Behavior Analyst (Okla) 1-15-4893  **University of Texas Austin, TX 2001 - 2005**  Doctorate, Psychology with emphasis in Behavioral Neuroscience  Dissertation : Effects of Pavlovian Conditioning on Sperm Competition and Sperm Depletion  **Oklahoma City University Oklahoma City, OK 1997 - 2001**  Bachelor of Science, Psychology  summa cum laude |
| Work Experience | |
| **Behavioral / Clinical**  **Lecturing / Teaching Experiences**    **Curriculum Development:**  **Book Critiques:**  **Chapter:**    **Manuscripts:**  **Presentations:**  Symposium  Invited lectures  Posters  Honors/  Activities/  Memberships | **Behavioral Consultant Norman School District As needed**  Main duty includes development of student behavior intervention plans and functional behavior assessments for children with and without special needs. Other duties include   * Professional Development Training on behavior analytic principles * Six month Plans of Action for schools in the district failing the federal grading system. * Serve on Task Force regarding decrease in suspension and punitive consequences. * Classroom observations for classroom management suggestions for teachers   Norman school district has over 14,000 students, across 15 elementary schools, 4 middle schools and two high schools.  **Behavioral Consultant Healdton School District As needed**  Main duty includes development of student behavior intervention plans and functional behavior assessments for children with autism and intellectual disability. Other duties include classroom observations to develop class-wide suggestions. Healdton is a rural school district in a town of about 2,500 people.  **Valley Psychiatric Service, Inc. Springfield, MA October 2009 – 2015** *Consultant for In-home behavior services Consultant for In-home autism services*  *(former Director of In-home services)*  VPSI provides in-home behavioral services in conjunction to services provided within the school system. Over the years, I have provided supervision and consultation to the therapist working for VPSI on in-home ad autism cases. I held weekly meetings with 10+ therapist as well as individual weekly consults with each therapist. I also provided 3 hour training seminars to the group on topics such as Functional Behavior Assessments/IDEA requirements, Social Skills, Anger Management, Parent training, and Preference Assessments. Populations included individuals with both developmental disability (ID, Autism, PDD) and emotional disability (mood disorder, ADHD, etc) who exhibited behavior problems (promiscuity, potty training elopement risk, aggressive, PICA, and oppositional behaviors) that interfered with education.  **Judge Rotenberg Education Center Canton, MA Feb 2006 – Dec 2011**  Assistant Director of Clinical Services Behavioral Clinician (full time)  A residential treatment facility for individuals with intellectual disability, autism, emotional and severe behavioral disorders. My duties include the design, implementation, and modification of behavior intervention plans, behavior assessments, writing of court documents, and daily interaction with a direct caseload of up to 30 students. I supervise new clinicians for up to a year and train them in their role and responsibilities within our department. I have testified for both impartial hearings and court cases regarding continued treatment, residential placement, guardianship and substituted judgment. I also developed social skills, education and self management curricula for this same population.  ===========  **Director of ABA program University of Oklahoma Norman, Oklahoma**  **Lecturer /CEU provider PESI, Inc United States**  Travel across the United States in three day rotations to lecture on either (1) Mental Health in the Classrooms or (2) High Functioning Autism and Interventions in the Classroom. Both are 8 hour CEU presentations over evidence based interventions for autism or ADHD, oppositional defiant disorder, bipolar disorder, autism and depression related challenges presented in the classroom.  **BCBA supervisor**  Provide weekly supervision to individuals seeking supervision / practicum hours to fulfill the qualification to sit for the BCBA exam. This included weekly meetings, reviewing footage, working through case studies, reviewing data, giving in-vivo feedback, using behavioral skills training, development of critical thinking skills in education and teaching about collaboration across disciplines.  **Arizona State University Online 2015 - present**  *Teaching Assistant / Adjunct (Part time)*  **Northeastern University Boston, MA /Online** **2006 - 2017**  *Senior lecturer (Part Time) College of Professional Studies*    **Grand Canyon University Online 2013 – present** *Part time adjunct - online Ph.D. program*  **University of Phoenix Online 2009 - present**  *Part Time Instructor*    **Chicago School of Professional Studies Online 2014 - present** *Part time instructor – graduate*  **Southwestern College Online March 2014 - present** *undergraduate instructor*  **Bay Path College Longmeadow, MA 2012 - present** *undergraduate / graduate instructor*    **Oklahoma City Community College OKC, OK 2015 - 2018** *undergraduate Lecturer*  **Fort Hayes State University Online 2014 - present** *undergraduate online Lecturer*  **Mid-America Christian University Online 2014 - present**  *undergraduate online adjunct*  **Elms College Online 2012 – present**  *undergraduate Senior Lecturer*  **Nebraska Methodist College Online 2014 - 2015** *undergraduate online adjunct*  **University of Massachusetts at Dartmouth Summer – Fall 2008**  *Part Time Lecturer - campus*  **Curry College Plymouth, MA Spring 2008 - 2011**  *Part Time Lecturer*  **Texas Lutheran University Seguin, TX Fall 2004 – Winter 2005**  Part Time Lecturer  **University of Texas Austin, TX 2001 - 2005**  Graduate Research Assistant  Mike Domjan’s lab – Pavlovian/contextual conditioning, sexual behavior, DNA testing, quail David Crews’ lab – gene splicing, cytochrome oxidase, brain neuroimagine/sectioning, rats, mice  *Introduction to Psychology: 6 week hybrid course.*  // Northeastern University’s Singapore school.  Development for a 6 week brick and morter course for undergraduates in Singapore. Includes lecture notes for the instructor, lectures notes for students, exams, assignments, instructions for instructors, PDFs and Power Points.  *Theories of Behavior // University of Phoenix.*  Development for a 5 week online course for undergraduates in the basics of applied behavior analysis and behaviorism.  *Introduction to Neuromarketing. // The Chicago School of Professional Psychology.*  Development of a 7 module online course for graduate students in the Behavioral Economics Department. Contained a syllabus, quizzes and answer keys, group assignment, homework, interactive elements, power points, discussion questions and assigned articles.  *Advanced intervention: Third-wave Behavior therapy // The Chicago School of Professional Psychology* Development of a 7 week module for online class as an elective in the Applied Behavior Analysis certification program.  *Ethics in Behavior Analysis.*  // BayPath University  Development for a 12 week online ethics course for online students as part of the approved course sequence.  Carr, R. N. (2014). Why the irrational is rational [Review of the book The Rational Animal: How evolution made us smarter than we think by D. T. Kenrick & V. Griskevicius]. PsycCRITIQUES, 59(9). doi: http://dx.doi.org/10.1037/a0035758  Carr, R.N. (2016). How much is that doggy in the window making me healthier? [Review of the book The Social Neuroscience of Human–Animal Interaction by L. S. Freund, S. McCune, L. Esposito, N. R. Gee, & P. McCardle (Eds.). PscyCRITIQUES, 61(26). doi: <http://dx.doi.org/10.1037/a0040391>  Carr, R.N. (2016). No Fluff: The real deal on epigenetics fetal development. [Review of the book Fetal Development: Research on Brain and Behavior, Environmental  Influences, and Emerging Technologies by by Nadja Reissland and Barbara S. Kisilevsky (Eds.) PsycCRITIQUES, 61(36). doi: http://dx.doi.org/10.1037/a0040501  Matthews, R.N. & Domjan, M. Sexual Selection: Sperm Competition, Mating Systems, and Learning in Darwin and the Behavioral Sciences. Edited by Mauricio Papini and German Gutierrez. ISBN: 978-958-719-702-0    Domjan, M., Mahometa, M., & Matthews, R.N. (2012).Learning in intimate connections: Conditioned fertility and its role in sexual competition. *Socioaffective Neuroscience and Psychology,* v2 17333 - DOI: 10.3402/snp.v2i0.17333.  Matthews, R. N., Domjan, M., Ramsey, M., & Crews, D. (2007). Learning effects on sperm competition and reproductive fitness. *Psychological Science*, *18*(9), 758–62. doi:10.1111/j.1467-9280.2007.01974.x  May 2010 Applied Behavioral Analysis conference 2010 San Antonio, TX “Positive Behavioral Treatment with Supplementary Skin-shock:  An Alternative to Medication for Treatment of Aggression”  March 2005 Southwestern Psychology Assoc Conference Memphis, TN  “Variation in maternal behavior directs plasticity”    March 2004 Southwestern Psychology Assoc Conference San Antonio, TX  “Sperm competition and genetic fingerprinting”  March 2003 Southwestern Psychology Assoc Conference New Orleans, LA  “Renewal Effects and Context”  Carr, R.N. (2014 Nov). The ABCs of ABA. Oklahoma Statewide Autism Conference.   Norman, OK  Carr, R.N. (2014 Nov). Severe Aggression and Self Injury in the Classroom. Evidence Based Interventions. Oklahoma Statewide Autism Conference . Norman, OK  Carr, R.N. (2014 April). Stress and its role in effective parenting. Autism Oklahoma.  Oklahoma City, OK  Matthews, R.N. (May 2008 - 2009). Jobs in Psychology: The various routes one can take. Senior seminar / Harvard Cambridge, MA  Matthews, R.N. (May 2008 ). Systems of reinforcement applied at the Judge Rotenberg Center. Applied Behavioral Analysis International Conference. Chicago, IL  Matthews, R.N. (May 2007). Successful treatment of students expelled from other programs.   Applied Behavioral Analysis International conference. San Diego, CA  Matthews, R.N. (April 2005). The influence of conditioning on reproductive advantage.  Graduate Student Assembly Retreat. Austin, TX    Ramsey, M., Matthews, R.N. & Crews, D. (2005 Nov). Sex ratio of litter composition alters  maternal behavior toward pups and subsequent metabolic activity as adults within sexual nuclei.  Society for Neuroscience. Washington D.C.  Ramsey, M., Matthews, R.N. & Crews, D. (2005 Nov). Effects of the litter composition during  pre weaning period on development of anxiety-related behaviors in mice. Society for Neuroscience. Washington D.C.  Matthews, R.N. (2004 October) Pavlovian Conditioning Increases Paternity Rates. Society for Neuroscience Conference. San Diego, CA.    2012 – present Member, American Psychology Association  2014 - present Member, Division 25 of the APA  2015 - 2018 Secretary, Ethics Special Interest Group for ABAi  2013 - 2017 Member, Southwestern Psychological Association  2012 - 2018 Secretary, Division 6 of the APA  2013 - 2014 Faculty supervisor, Psi Chi chapter at Oklahoma City University  2011 – 2013 Member, Berkshire Applied Behavior Analysis and Therapy  2008 – 2012 Member, Association of Professional Behavioral Analysts  May 2001 Anne J Bryan Award for Excellence in Research  May 2001 OCU Psychology Student of the Year  March 2001 Rhodes Scholar Nominee from OCU (1 of 14 in the state) |
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