

VITA

NIELSEN PEREIRA

EDUCATION

- 2011 Ph.D., Purdue University, West Lafayette, IN
Major Area: Educational Psychology, Gifted and Talented Education
Related Area: Applied Measurement and Research Methods
Dissertation Title: *Finding and Understanding Talent Among Elementary English Language Learners: Beyond Project HOPE*
- 2006 M.A., Universidade Federal do Rio Grande do Sul, Porto Alegre, RS
Major Area: Applied Linguistics, Second Language Acquisition
- 2003 B.A., Universidade Federal do Rio Grande do Sul, Porto Alegre, RS
English Education
- 2003 Teaching Credentials, Universidade Federal do Rio Grande do Sul, Porto Alegre, RS, English: Secondary

UNIVERSITY EXPERIENCE

- 2015-present Assistant Professor
Department of Educational Studies
Purdue University, West Lafayette, IN
- Classes Taught:
EDPS 540: Gifted, Creative, and Talented Children
EDPS 545: Social and Affective Development of Gifted Students
- 2011- 2014 Assistant Professor
School of Teacher Education
Western Kentucky University, Bowling Green, KY
- Classes Taught:
EDU 250/EDUC 100: Introduction to Teaching
GTE 537: Curriculum, Strategies, and Materials for Gifted Students
GTE 538: Practicum for Teachers of Gifted Students
GTE 636: Issues in Gifted and Talented Education
PSY 432: Psychology of the Gifted and Talented
SEC 352: Planning for Student Diversity
TCHL 520: Principles of Action Research
TCHL 560: Action Research for Teacher Leaders

- 2013 Visiting Assistant Professor
Harlaxton College (British Campus of the University of Evansville)
Grantham, Lincolnshire, United Kingdom
- 2007- 2011 Graduate Assistant
Gifted Education Resource Institute (GERI)
Purdue University, West Lafayette, IN
- Teaching Assistant: EDPS 430: Creating and Managing Learning Environments
 - Student Programs Coordinator: Summer Residential – a summer camp for students grades 5-12.
- 1999-2000 Undergraduate Research Assistant
Núcleo de Apoio Pedagógico (NAP-RS)
Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil

ENRICHMENT PROGRAMS

- 2012-2014 Talent Development Programs Instructor
The Center for Gifted Studies
Western Kentucky University, Bowling Green, KY
Taught the *Rube Goldbergineering* and *STEAM Machines* courses to gifted students attending The Summer Program for Verbally and Mathematically Precocious Youth (VAMPY)
- 2008 Talent Development Programs Instructor
Gifted Education Resource Institute (GERI)
Purdue University, West Lafayette, IN
Taught and developed the curriculum for *Rube Goldbergineering*, an engineering design class in the Spring and Fall 2008 sessions of the Super Saturday program and in the 2008 Summer Residential program

PUBLIC/PRIVATE SCHOOL EXPERIENCE

- 2003-2006 English Teacher (ages 8 - adult)
Instituto Cultural Brasileiro Norte-Americano (Language Institute)
Porto Alegre, Brazil
- 1999-2003 English Teacher (ages 12 - adult)
Canto & Ranquetat Idiomas (Language Institute)
Porto Alegre, Brazil
- 1998-1999 English Teacher (grades 5 - 11)
Colégio Sinodal Progresso (Public School)
Montenegro, Brazil

- 1995-1998 English Teacher (ages 7 - adult)
Centro de Idiomas Montenegro, Montenegro, Brazil (Language Institute)
- 1994 English Teacher (grades 5 - 8)
Escola Estadual de 1º Grau Cel. Januário Corrêa (Public School) Montenegro,
Brazil

PUBLICATIONS

Peer-Reviewed Scholarly Publications

- Zhou, N., **Pereira, N.**, George, T., Alperovich, J., Booth, J., Chandrasegararan, ... Ramani, K. (2017). The Influence of Toy Design Activities on Middle School Students' Understanding of the Engineering Design Processes. *Journal of Science Education and Technology*, 1-13. DOI 10.1007/s10956-017-9693-1
- de Alencar, E. M., Fleith, D., **Pereira, N.** (2017). Creativity in higher education: Challenges and facilitating factors. *Temas em Psicologia*, 25, 401-409.
- Pereira, N., Bakhiet, S. F., Gentry, M., Balhmar, T. A., & Hakami, S. M. (2017). Sudanese students' perceptions of their class activities: Psychometric properties and measurement invariance of My Class Activities–Arabic Language Version. *Journal of Advanced Academics*, 28, 101-119.
- Peters, S. J., & **Pereira, N.** (2017). A Replication of the Internal Validity Structure of Three Major Teaching Rating Scales. *Journal of Advanced Academics*, 28, 1-19.
- Rondini, C. A., & **Pereira, N.** (2016). Atendimento educacional especializado ao superdotado em escola pública Americana e contribuições para o contexto brasileiro [Specialized Services for the Gifted in American Public Schools and Contributions to the Brazilian Context]. *Educação: Teoria e Prática*, 26, 466-483. DOI: <http://doi.org/10.18675/1981-8106.vol26.n53.p466-483>
- Jordan, S. S., **Pereira, N.**, Dalrymple, O. (2016). The impact of design swapping on student design sketch quality. *International Journal of Engineering Education*, 32, 1984-1998.
- Paganelli, A., Cribbs, J. D., Huang, X. S., **Pereira, N.**, Huss, J., Chandler, W., Paganelli, A (2016). The makerspace experience and teacher professional development. *Professional Development in Education*, DOI:10.1080/19415257.2016.1166448
- Pereira, N., Knots, J. D., & Roberts, J. L. (2015). Current status of twice-exceptional students: A look at legislation and policy in the United States. *Gifted and Talented International*, 30, 122-134.
- Pereira, N., & Gentry, M. (2013). A qualitative inquiry into the experiences of gifted English language learners in Midwestern schools. *Journal of Advanced Academics*, 24, 164-194.

- Pereira, N. & Gates, J. (2013). Perceived classroom management needs of pre-service teachers. *Kentucky Teacher Education Journal*, 2, 1-17.
- Pereira, N., Peters, S. J., & Gentry, M. (2010). The My Class Activities instrument as used in Saturday enrichment program evaluation. *Journal of Advanced Academics*, 21, 568-593.
- de Oliveira, L. C., & **Pereira, N.** (2008). “Sink or Swim”: The challenges and needs of teachers of English language learners. *INTESOL Journal*, 5, 77-86.
- Pereira, N. (2003). Um novo olhar sobre a sala de aula: A elaboração de tarefas à luz de teorias contemporâneas de ensino e aprendizagem [A new perspective of classrooms: Using modern teaching and learning theories in task design]. *Cadernos do IL/UFRGS*, 26/27, 183-191.

Peer-Reviewed Practitioner Publications

- Pereira, N., & de Oliveira, L. C. (2015). Meeting the linguistic needs of gifted English language learners: What teachers need to know. *Teaching Exceptional Children*, 47, 208-215.
- Roberts, J. L., **Pereira, N.**, & Knots, J. D. (2015). State law and policy related to twice-exceptional learners: Implications for practitioners and policy makers. *Gifted Child Today*, 38, 215-219.

Books and Book Chapters

- Chamberlin, S. A., & Pereira, N. (2016). Differentiating Engineering Activities for Use in a Mathematics Setting. In D. Dailey, & A. Cotabish, *Engineering instruction for high-ability learners in K-8 classrooms* (pp. 45-55). Waco, TX: Prufrock Press Inc.
- Pereira, N., Jen, E., Seward, K., Tay, J. (2016). University-based programs for gifted students. In F. Piske, T. Stoltz, S. Bahia, & J. Machado, *Altas habilidades/superdotação (AH/SD) e criatividade: Identificação e atendimento [High ability/giftedness and creativity: Identification and programming options]* (pp. 121-141). Curitiba, PR: Juruá Editora.
- Gentry, M., **Pereira, N.**, Peters, S. J., McIntosh, J., Fugate, C. M. (2015). *HOPE Teacher Rating Scale: Administration manual*. Waco, TX: Prufrock Press.
- Pereira, N. (2013). Projeto HOPE: Oportunidades de promoção da excelência [Project HOPE: Having opportunities promotes excellence]. In D. Fleith & E. M. de Alencar, *Superdotados: Trajetórias de desenvolvimento e realizações* (pp. 157-174). Curitiba, PR: Juruá Editora.
- Pereira, N., & Bonotto, R. (2005). Integrating multiple intelligences and learning styles in the teaching of English as a foreign language. In F. Carboni & L.Z. Borowski (Eds.). *A Interdisciplinaridade e o Ensino de Línguas Estrangeiras*. (pp. 53-64) Passo Fundo, RS: UPF Editora.

Pitol, C.A., Martins, M.T., Paiva, M.G., & **Pereira, N.** (2004). Soirées in TEFL: Legitimizing voices and talents in English. In S. Sarmento & V. Muller (Eds). *O ensino do inglês como língua estrangeira: Estudos e reflexões*. (pp. 75-97) Porto Alegre, RS: APIRS.

Conference Proceedings

Zhou, N., George, T. T., Booth, J. W., Alperovich, J., Chandrasegaran, S., **Pereira, N.**, ...Ramani, K. (2016). Developing middle school students' engineering design concepts through a toy design workshop. *Proceedings of the American Society for Engineering Education Annual Conference*, New Orleans, LA.

Jordan, S. S., Dalrymple, O, **Pereira, N.**, Astatke, Y, & Fletcher, J. D. (2012). *Design swapping as a method to improve design documentation. Proceedings of the American Society for Engineering Education Annual Conference*, San Antonio, TX.

Jordan, S., & **Pereira, N.** (2008). Design twice, build once: Teaching engineering design in the classroom. *Proceedings of the National Center for Engineering and Technology Education Conference on Research in Engineering and Technology Education*, St. Paul, MN.

Jordan, S., & **Pereira, N.** (2009). Rube Goldberengineering: Lessons in teaching engineering design to future engineers. *Proceedings of the American Society for Engineering Education Annual Conference*, Austin, TX.

Instruments

Gentry, M., Peters, S. J., **Pereira, N.**, McIntosh, J., Fugate, C. M. (2015). HOPE Teacher Rating Scale: Involving teachers in equitable identification of gifted and talented students. (Instrument). Waco, TX: Prufrock Press.

PRESENTATIONS

National and International Presentations (Refereed)

Pereira, N., Tay, J., & Maeda, Y. (2017, November). *Revised Classroom Practices Survey: An instrument to collect information on differentiated educational practices*. Session to be presented at the 64th Annual Convention of the National Association for Gifted Children, Charlotte, NC.

Pereira, N., & Parra, F. A. (2017, November). *Gifted Student experiences and role model influence in STEM career choices*. Session to be presented at the 64th Annual Convention of the National Association for Gifted Children, Charlotte, NC.

- Ghahremani, M., & **Pereira, N.**, Desmet, O. (2017, November). *Creative engineering and design in action*. Session to be presented at the 64th Annual Convention of the National Association for Gifted Children, Charlotte, NC.
- Tan, D., Desmet, O., **Pereira, N.**, Yough, M., & Yi, S. (2017, August). Middle school students' beliefs of intelligence and giftedness. *Paper to be presented at the Annual Convention of the American Psychological Association*, Washington, DC.
- Yi, S., & **Pereira, N.** (2016, August). Developmental Trajectory of Mathematics Self-Efficacy and Its Association with Achievement *Paper to be presented at the Annual Convention of the American Psychological Association*, Washington, DC.
- Parra, F. A. & **Pereira, N.** (2017, August). Developing interests in STEM disciplines: student experiences and role model influences. *Paper to be presented at the Annual Convention of the American Psychological Association*, Washington, DC.
- Pereira, N., & Ghahremani, M., (2017, July). *Creative engineering and design in action: Designing and evaluating learning activities connecting engineering and creativity*. Session to be presented at the 22nd World Conference on Gifted and Talented Children, Sydney, Australia.
- Pereira, N., Ghiting, G. W., Gentry, M., Maeda, Y., Richardson, J. C., (2017, July). *Effective programming for developing talents among underserved populations*. Session to be presented at the 22nd World Conference on Gifted and Talented Children, Sydney, Australia.
- Gentry, M., Pereira, N., Kenney, R., Fugate, C. M., Maeda, Y. (2017, July). *Cross cultural instrumentation for gifted education research and programming: Purdue's repository*. Session to be presented at the 22nd World Conference on Gifted and Talented Children, Sydney, Australia.
- Whiting, G. W., Gentry, M., Pereira, N., Fugate, C. M., Olenchak, F. R. (2017, July). *Making gifted education more inclusive*. Session to be presented at the 22nd World Conference on Gifted and Talented Children, Sydney, Australia.
- Gentry, M., Richardson, J. C., Maeda, Y., **Pereira, N.**, Peters, S. J., & Fugate, C. M. (2017, April). *An experimental investigation scaling up the Total School Cluster Grouping model*. Paper presented at the Annual Meeting of the American Educational Research Association, San Antonio, TX.
- Zhou, N., **Pereira, N.**, George, T., & Ramani, K. (2017, April). *The influence of toy design activities on middle school students self-efficacy in engineering design*. Paper presented at the Annual Meeting of the American Educational Research Association, San Antonio, TX.
- Parra, F. A., & **Pereira, N.** (2017, May). *A case study of experiences, challenges and perspectives for low-income Colombian adolescents in a Summer Camp for Gifted and Talented Students*. Paper presented at the Annual Meeting of the American Educational Research Association, San Antonio, TX.

- Hodges, J., Tay, J., Green, C., **Pereira, N.** (2016, November). Examining Gifted Education Funding in Texas. Session presented at the 63rd Annual Convention of the National Association for Gifted Children, Orlando, FL.
- Pereira, N., & Jordan, S. S. (2016, November). STEAM Labs: Connecting creativity, STEM, and arts. Session presented at the 63rd Annual Convention of the National Association for Gifted Children, Orlando, FL.
- Jordan, J., White, K., & **Pereira, N.** (2016, November). Developing engineering talent among Navajo youth with chain-reaction machines. Session presented at the 63rd Annual Convention of the National Association for Gifted Children, Orlando, FL.
- Parra, M., & **Pereira, N.** (2016, November). Effects of an enrichment program on Colombian gifted students of low income backgrounds. Poster presented at the 63rd Annual Convention of the National Association for Gifted Children, Orlando, FL.
- Rondini, C., & **Pereira, N.** (2016, September). O atendimento educacional especializado ao estudante com altas habilidades em uma escola pública americana e suas possíveis contribuições para o contexto brasileiro. Paper presented at the 7th Annual Meeting of the Brazilian Council for Giftedness, Bonito, Brazil.
- Yi, S., & **Pereira, N.** (2016, August). Factor structure and longitudinal invariance of the *Achievement Goals Questionnaire*. Paper presented at the Annual Convention of the American Psychological Association, Denver, CO.
- Yi, S., & **Pereira, N.** (2016, April). *Developmental patterns of achievement goals during adolescence: A growth-curve analysis*. Paper presented at the Annual Meeting of the American Educational Research Association, Washington, DC.
- Jordan, S. S., & **Pereira, N.** (2015, November). *STEAM Machines Clubs™: An Integrative After-School Engineering Experience*. Session presented at the 62nd Annual Convention of the National Association for Gifted Children, Phoenix, AZ.
- Jen, E., **Pereira, N.**, & Peterson, J. S. (2015, November). *A Multi-generational Dialogue About Qualitative Research in Gifted Education: Challenges and Adaptation*. Session presented at the 62nd Annual Convention of the National Association for Gifted Children, Phoenix, AZ.
- Gentry, M., Peters, S. J., **Pereira, N.**, McIntosh, J. (2015, November). *The HOPE Scale: A well-researched tool to help teachers recognize talent among underserved populations*. Session presented at the 62nd Annual Convention of the National Association for Gifted Children, Phoenix, AZ.
- Pereira, N.; Jordan, S. S., & Dalrymple, O. (2015, April). *Lessons from teaching engineering design in a summer camp for high-ability students: A chain re-action research study*. Paper

- presented at the Annual Meeting of the American Educational Research Association, Chicago, IL.
- Pereira, N., Roberts, J. L., & Knots, J. D. (2015, April). *Current status of twice-exceptional students: A look at legislation, regulation, policy, and standards*. Paper presented at the Annual Meeting of the American Educational Research Association, Chicago, IL.
- Pereira, N., Jordan, S. S., & Moore, M. (2014, November). *Utilizing engineering activities in K-12 grades to promote interdisciplinary understanding of science, Technology, and Mathematics*. Session presented at the 61st Annual Convention of the National Association for Gifted Children, Baltimore, MD.
- Pereira, N. & Gentry, M. (2014, April). *Understanding the experiences of high-potential, Hispanic English language learners in out-of-school programs*. Paper presented at the Annual Meeting of the American Educational Research Association, Philadelphia, PA.
- Jordan, S. S., Dalrymple, O., & **Pereira, N.** (2014, April). *Blending the arts with chain-reaction steAm machines™*. Workshop presented at the National Conference of the National Science Teachers Association, Boston, MA.
- Pereira, N. & Jordan, S. S. (2013, November 10). *Inspiring inventive genius in middle and high school students with chain-reaction STEAM Machines™*. Workshop presented at the 60th Annual Convention of the National Association for Gifted Children, Indianapolis, IN.
- Pereira, N. (2013, November). Finding talent among elementary English language learners: Beyond Project HOPE. Session presented at the 60th Annual Convention of the National Association for Gifted Children, Indianapolis, IN.
- Roberts, J. L., **Pereira, N.**, & Knots, J. D. (2013, November). *Current status of twice-exceptional students: A look at legislation, regulation, policy, and standards*. Session presented at the 60th Annual Convention of the National Association for Gifted Children, Indianapolis, IN.
- Pereira, N. & Jordan, S. S. (2013, November). *Inspiring inventive genius in middle and high school students with chain-reaction STEAM Machines™*. Session presented at the 60th Annual Convention of the National Association for Gifted Children, Indianapolis, IN.
- Pereira, N., Roberts, J. L., & Knotts, J. D. (2013, August). *International perspectives on twice-exceptional learners: Recognition and services*. Session presented at the 20th World Conference on Gifted and Talented Children, Louisville, KY.
- Pereira, N. & Gentry, M. (2013, August). *A qualitative inquiry into the experiences of high-potential Hispanic English language learners in Midwestern schools*. Session presented at the 20th World Conference on Gifted and Talented Children, Louisville, KY.
- Pereira, N., Jordan, S. S., & Dalrymple, O. (2013, August). *STEAM Labs™: Using chain reaction machines to teach gifted students engineering design*. Session presented at the 20th World Conference on Gifted and Talented Children, Louisville, KY.

- Jordan, S. S., Dalrymple, O., & **Pereira, N.** (2013, June). *Inspiring inventive genius in middle and high school students with chain-reaction STEAM Machines™*. Workshop presented at the American Society for Engineering Education K-12 Workshop on Engineering Education, Atlanta, GA.
- Pereira, N., Jordan, S. S., & Dalrymple, O. (2012, November). *Rube Goldberg activities: Developing engineering talents*. Session presented at the 59th Annual Convention of the National Association for Gifted Children, Denver, CO.
- Miller, R., & **Pereira, N.** (2012, November). *Opening traditional gifted programs to high-potential students from low-income families*. Session presented at the 59th Annual Convention of the National Association for Gifted Children, Denver, CO.
- Jordan, S. S., Dalrymple, O., **Pereira, N.** (2012, October). *Teaching engineering design to middle and high-school students using STEAM Machines™*. Session presented at the Frontiers in Education Conference, Seattle, WA.
- Pereira, N. (2012, July). *Talento encontrado é talent nao desperdiçado* [Finding and not wasting talent]. Session presented at the 5th Annual Meeting of the Brazilian Council for Giftedness, Rio de Janeiro, Brazil.
- Pereira, N., Jordan, S. S., & Dalrymple, O. (2012, July). *STEAM Labs™: Inovação tecnológica no ensino de ciências* [STEAM Labs: Technological innovation in science teaching]. Session presented at the 5th Annual Meeting of the Brazilian Council for Giftedness, Rio de Janeiro, Brazil.
- Fleith, D., de Alencar, E. M., **Pereira, N.**, & Gama, M. C. (2012, July). *Educação de superdotados nos Estados Unidos: Relato de experiências de educadores e pesquisadores brasileiros* [Brazilian educators/researchers and their experiences with gifted education in the United States]. Roundtable presented at the 5th Annual Meeting of the Brazilian Council for Giftedness, Rio de Janeiro, Brazil.
- Jordan, S., Dalrymple, O., & **Pereira, N.** (2012, June). *Teaching STEAM concepts to middle and high-school students using engineering design to create STEAM Machines™*. Graduate Science Workshop for Teachers presented at Indiana University/Purdue University Fort Wayne (IPFW), Fort Wayne, IN.
- Jordan, S. S., Dalrymple, O., **Pereira, N.**, Astatke, Y, & Fletcher, J. D. (2012, June). *Design swapping as a method to improve design documentation*. Paper presented at the 119th American Society for Engineering Education Annual Conference, San Antonio, TX.
- Dalrymple, O., Jordan, S. S., Astatke, Y, **Pereira, N.**, & Fletcher, J. D. (2012, June). *Teaching engineering design to middle and high school students using Rube Goldbergengineering*. Workshop presented at the 119th American Society for Engineering Education Annual Conference, San Antonio, TX.

- Dalrymple, O, Jordan, S. S., & **Pereira, N.** (2012, June). *Teaching engineering design to middle and high school students using Rube Goldberg engineering*. Workshop presented at the American Society for Engineering Education K-12 Workshop on Engineering Education, San Antonio, TX.
- Pereira, N., Jordan, S. S., & Dalrymple, O. (2011, November). *Using Rube Goldberg activities to develop creativity and foster positive interactions*. Session presented at the 58th Annual Convention of the National Association for Gifted Children, New Orleans, LA.
- Miller, R., **Pereira, N.**, Yang, Y., & Gentry, M. (2011, November). *Promising practices for gifted ELLs and high-potential students from low-income families*. Session presented at the 58th Annual Convention of the National Association for Gifted Children, New Orleans, LA.
- Wu, J., **Pereira, N.**, & Gentry, M. (2011, November). *How does Super Summer serve gifted students under the framework of My Class Activities?* Session presented at the 58th Annual Convention of the National Association for Gifted Children, New Orleans, LA.
- Miller, R., **Pereira, N.**, Yang, Y., & Gentry, M. (2011, April). *Examining the effects of Total School Cluster Grouping on teaching practices*. Session presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- de Oliveira, L. C., & **Pereira, N.** (2011, March). *Educating gifted English language learners: Lessons from gifted education*. Session presented at the Teachers of English to Speakers of Other Languages Annual Convention, New Orleans, LA.
- Pereira, N. & Peters, S. J. (2010, November). *University-based summer camps for gifted students: Learning from the professionals*. Session presented at the 57th Annual Convention of the National Association for Gifted Children, Atlanta, GA.
- Miller, R., **Pereira, N.**, Yang, Y., & Gentry, M. (2010, November). *Examining the effects of Total School Cluster Grouping on student achievement identification, and teaching practices*. Session presented at the 57th Annual Convention of the National Association for Gifted Children, Atlanta, GA.
- Gentry, M., Peters, S. J., & **Pereira, N.** (2010, November). *Gifted and talented student identification using behavior checklists, nominations, and rating forms: Psychometrics, research, practice*. Session presented at the 57th Annual Convention of the National Association for Gifted Children, Atlanta, GA.
- Gentry, M., Miller, R., **Pereira, N.**, Wigtil, C., & Yang, Y. (2010, November). *Lessons learned from Project HOPE: Recognizing giftedness among children of poverty*. Session presented at the 57th Annual Convention of the National Association for Gifted Children, Atlanta, GA.
- Pereira, N. (2010, September). *Escala HOPE: Uma nova opção para a identificação de minorias para programas de atendimento a portadores de altas habilidades [HOPE Scale: A new*

- instrument for identifying minority students for gifted programs*]. Session presented at the Congresso Internacional sobre Altas Habilidades e Superdotação/IV Encontro Nacional do Conselho Brasileiro para Superdotação, Curitiba, PR, Brazil.
- Pereira, N. (2010, September). A educação do superdotado nos Estados Unidos [*Programs for gifted students in the United States*]. Session presented at the Congresso Internacional sobre Altas Habilidades e Superdotação/IV Encontro Nacional do Conselho Brasileiro para Superdotação, Curitiba, PR, Brazil.
- Pereira, N., Miller, R., Yang, Y., & Gentry, M. (2010, May). *Total School Cluster Grouping: Effects on student achievement and identification and on teacher practices and perceptions*. Session presented at the 10th Biennial Wallace Research Symposium on Talent Development, Iowa City, IA.
- Pereira, N. (2010, May). *Promising instruments and practices for the identification of English language learners for gifted programs*. Session presented at the 10th Biennial Wallace Research Symposium on Talent Development, Iowa City, IA.
- Pereira, N., Peters, S., & Gentry, M. (2010, May). *The My Class Activities instrument as used in Saturday enrichment program evaluation*. Paper presented at the annual meeting of the American Educational Research Association, Denver, CO.
- Pereira, N. & Jordan, S. (2009, November). *The simplicity of complexity: Rube Goldbergingeering in the classroom*. Session presented at the 56th Annual Convention of the National Association for Gifted Children, Saint Louis, MO.
- Pereira, N. (2009, November). *Educating gifted English language learners: Lessons from the field of English as a second language*. Session presented at the 56th Annual Convention of the National Association for Gifted Children, Saint Louis, MO.
- Gentry, M., Gates, J. C., Pereira, N. (2009, November). *Total School Cluster Grouping and underrepresentation: A research-based program for improving student achievement and representation*. Session presented at the 56th Annual Convention of the National Association for Gifted Children, Saint Louis, MO.
- Gates, J., & Pereira, N. (November, 2009) *Perceived needs of pre-service teachers regarding gifted learners: Evidence and suggestions for teacher preparation programs*. Session presented at the 56th Annual Convention of the National Association for Gifted Children, Saint Louis, MO.
- Pereira, N. (2009, August). *Instrumentation for research, programming and evaluation: My Class Activities*. Session presented at the 18th World Conference on Gifted and Talented Children, Vancouver, BC.

- Pereira, N. (2009, August). *Recognizing and nurturing giftedness among underserved populations: Gifted English language learners*. Session presented at the 18th World Conference on Gifted and Talented Children, Vancouver, BC.
- Pereira, N.; & Jordan, S. (2009, August) *Design twice, build once: Teaching engineering design with Rube Goldberg*. Session presented at the 18th World Conference on Gifted and Talented Children, Vancouver, BC.
- Pereira, N. (2009, August). *Developing engineering talents at Purdue University*. Session presented at the 18th World Conference on Gifted and Talented Children, Vancouver, BC.
- Jordan, S., & Pereira, N. (2009, June). Teaching engineering design to middle school students with Rube Goldberg. *Session presented at the American Society for Engineering Education Annual Conference & Exposition*, Austin, TX.
- Gates, J.; Pereira, N.; Gentry, M.; & Mann, R.L. (2009, April). *Perceived classroom management needs of pre-service teachers*. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Pereira, N. (2009, March). *Analysis of instruments for identification of English language learners for gifted programs*. Paper presented at the conference of the American Association for Applied Linguistics, Denver, CO.
- Pereira, N. (2008, October). *Meeting the needs of English language learners*. Paper presented at the Annual Convention of the National Association for Gifted Children, Tampa, FL.
- Jordan, S., & Pereira, N. (2008, May). *Design twice, build once: Teaching engineering design in the middle and high school classroom*. Paper presented at the Conference on Graduate Student Research in Engineering and Technology Education, Minneapolis, MN.
- Pereira, N. (2008, April). *Analysis of instruments for identification of English language learners for gifted programs*. Poster presented at the Teachers of English to Speakers of Other Languages Doctoral Forum, New York, NY.
- Pereira, N., & De Lon, J. (2008, March). *My Class Activities: Comparative analysis of students' perceptions in an enrichment program*. Paper presented at the annual meeting of the American Educational Research Association, New York, NY.
- de Oliveira, L. C., & Pereira, N. (2008, March). *Challenges and needs of teachers of English language learners*. Paper presented at the annual meeting of the American Educational Research Association, New York, NY.
- Pereira, N., & De Lon, J. (2007, November). *Comparative analysis of gifted students' perceptions of classes in a Saturday enrichment program*. Paper presented at the Annual Convention of the National Association for Gifted Children, Minneapolis, MN.

Pereira, N. (2003, September). *Um novo olhar sobre a sala de aula: a elaboração de tarefas à luz de teorias contemporâneas de ensino e aprendizagem [A new perspective of classrooms: Using modern teaching and learning theories in task design]*. Paper presented at the II Encontro Nacional de Ensino de Línguas e XVII Semana da Letras da Universidade de Caxias do Sul, Caxias do Sul, RS, Brazil.

Local, Regional, and State Presentations (Refereed)

Pereira, N., & Moore, M. (2014, June). *Simply complex: Engineering chain-reaction STEAM Machines™ in the classroom*. Session presented at the School of Teacher Education Annual Summer conference, Bowling Green, KY.

Pereira, N., & Moore, M. (2014, June). *STEM + Arts*. Session presented at the School of Teacher Education Annual Summer conference, Bowling Green, KY.

Pereira, N., Jordan, S. S., & Dalrymple, O. (2014, February). *Inspiring inventive genius in middle and high school students with chain-reaction STEAM Machines™*. Session presented at the 34th Kentucky Association for Gifted Education Annual Conference, Lexington, KY.

Pereira, N., Jordan, S. S., & Dalrymple, O. (2013, July). *Inspiring inventive genius in middle and high school students with chain-reaction STEAM Machines™*. Session presented at the Center for STEM Education for Girls Think Tank & Conference, Nashville, TN.

Pereira, N., Jordan, S. S., & Dalrymple, O. (2013, June). *STEAM Machines™ and engineering design*. Session presented at the School of Teacher Education Annual Summer Conference, Bowling Green, KY.

Pereira, N., Jordan, S. S., & Dalrymple, O. (2013, February). *Teaching engineering design using STEAM Machines™*. Session presented at the 33rd Kentucky Association for Gifted Education Annual Conference, Lexington, KY.

Pereira, N. (2013, February). *Action research: Gifted educators working toward school improvement*. Session presented at the 33rd Kentucky Association for Gifted Education Annual Conference, Lexington, KY.

Pereira, N. (2012, February). *Meeting the needs of gifted English language learners*. Session presented at the 32nd Kentucky Association for Gifted Education Annual Conference, Lexington, KY.

- Pereira, N. (2012, February). *Do's and don'ts in the identification of gifted students*. Session presented at the 32nd Kentucky Association for Gifted Education Annual Conference, Lexington, KY.
- Huss, J. M., Pereira, N., & Messenger, C. (2012, January). *Preservice elementary teachers learning about Karst at Mammoth Cave National Park*. Poster presented at the Mammoth Cave National Park's 10th Research Symposium, Mammoth Cave National Park, KY.
- Miller, R., Yang, Y., & Pereira, N. (2010, March). *Examining the effects of Total School Cluster Grouping on student achievement, identification, and teaching practices*. Poster presented at the 4th Annual Graduate Student Educational Research Symposium, West Lafayette, IN.
- Jordan, S., & Pereira, N. (2010, February). *Introduction to Rube Goldbergengineering*. Session presented at the Hosier Association of Science Teachers Conference, Indianapolis, IN.
- Jordan, S.S., & Pereira, N. (2009, March). *Design twice, build once: Teaching engineering design in a Saturday enrichment program*. Poster presented at the 3rd Annual Graduate Student Educational Research Symposium, West Lafayette, IN.
- Jordan, S.S., & Pereira, N. (2009, February). *Rube Goldbergengineering 101*. Session presented at the Hosier Association of Science Teachers Conference, Indianapolis, IN.
- Pereira, N. (2008, October). *Design twice, build once: Teaching engineering design in a Saturday enrichment program*. Poster presented at the Second Purdue Latino Scholars Forum, West Lafayette, IN.
- de Oliveira, L., & Pereira, N. (2008, March). *The Challenges and needs of teachers of English language learners*. Poster presented at the 2nd Annual Graduate Student Educational Research Symposium, West Lafayette, IN.
- Pereira, N., & De Lon, J. (2008, March). *Comparative analysis of gifted students' perceptions of classes in a Saturday enrichment program*. Poster presented at the 2nd Annual Graduate Student Educational Research Symposium, West Lafayette, IN.
- Pereira, N., & De Lon, J. (2008, March). *Comparative analysis of gifted students' perceptions of classes in a Saturday enrichment program*. Poster presented at Sigma Xi Graduate Student Poster Competition, West Lafayette, IN.
- Pereira, N. (2007, November). *Student-based strategies: Tailoring instruction to students' needs, interests, and skills*. Poster presented at the Annual Conference of the Indiana Teachers of English to Speakers of Other Languages, Carmel, IN.
- Pereira, N. (2004, July). *Incorporating multiple intelligences and learning styles in task design*. Convenção das Associações dos Professores de Inglês APIRS, APLISC e APLIEPAR, Canoas, RS, Brazil.

- Pitol, C.A., Martins, M.T., Paiva, M.G., & Pereira, N. (2004, July). *Soirées in TEFL: Legitimizing voices and talents in English*. Paper presented at Convenção das Associações dos Professores de Inglês APIRS, APLISC e APLIEPAR, Canoas, RS, Brazil.
- Pereira, N., Paiva, M.G. (2003, September). *Professor ou formador? Resignificando o papel do professor enquanto 'formador' de projetos de vida [A new perspective on the role of teachers]*. Paper presented at the IV Salão de Extensão da UFRGS, Porto Alegre, RS, Brazil.
- Pereira, N. (2002, September). *Projeto Pró-Língua: enhancing the teaching of English as a foreign language*. Paper presented at the I Mostra de Pesquisa do Instituto de Letras, Porto Alegre, RS, Brazil.

Invited Presentations

- Pereira, N. (2017, April). *Identifying and developing talent in underrepresented populations*. Session presented at the International Congress for Gifted and Talented, Istanbul, Turkey.
- Pereira, N. (2017, April). *Meet the journal editors: Gifted and Talented International*. Session presented at the Annual Meeting of the American Educational Research Association, Washington, DC.
- Pereira, N. (2017, April). *Creative engineering and design in action: Designing and evaluating learning activities connecting engineering and creativity*. Presentation to the Learning Sciences Seminar, Purdue University, West Lafayette, IN.
- Pereira, N. (2016, April). *Meet the journal editors: Gifted and Talented International*. Session presented at the Annual Meeting of the American Educational Research Association, Washington, DC.
- Pereira, N., (2016, February). *The HOPE Scale: A well-researched tool to help teachers recognize talent among underserved populations*. Session presented at the College of Education Research Seminar, Purdue University, West Lafayette, IN.
- Jordan, S. S., Pereira, N., & White, K. (2015, November). *The art of invention: Developing engineering talent among Navajo youth with chain-reaction machines*. Session presented at the Sixth Annual National Leadership Summit: Identifying and Serving Gifted Native American Students, Phoenix, AZ.
- Pereira, N., Jordan, S. S., & Dalrymple, O. (2015, July). *Inspiring Inventive Genius in Middle and High School Students with Chain-Reaction STEAM Machines™*. Workshop presented at Purdue University, West Lafayette, IN.
- Pereira, N., Jordan, S. S., & Dalrymple, O. (2015, July). *Inspiring Inventive Genius in Middle and High School Students with Chain-Reaction STEAM Machines™*. Presentation to students in the Transition to Teaching/STEM Goes Rural Seminar, Purdue University, West Lafayette, IN.

- Pereira, N. (2015, April). *Conceptions of giftedness*. Session chair at the Annual Meeting of the American Educational Research Association, Chicago, IL.
- Pereira, N., Housand, B., Runco, M., Matthews, M. S., Plucker, Moon, S., . . . Gubbins, E. J. (2014, November). *Addressing the needs of today's gifted student: Putting research into practice*. Session to be presented at the 61st Annual Convention of the National Association for Gifted Children, Baltimore, MD.
- Pereira, N. (2014, October). *Differentiation strategies*. Presentation to students in the SkyTeach program, Western Kentucky University, Bowling Green, KY.
- Pereira, N. (2013, November). *Culturally and linguistically diverse gifted students*. Roundtable presented at the National Association for Gifted Children Parent Day Luncheon, Indianapolis, IN.
- Pereira, N. & Jordan, S. S. (2013, November). *Inspiring inventive genius in middle and high school students with chain-reaction STEAM Machines™*. Session presented at the 60th Annual Convention of the National Association for Gifted Children, Indianapolis, IN.
- Pereira, N. (2013, June). *Finding Kentucky's Gifted Children: Identification*. Workshop presented at the Kentucky Association for Gifted Children Summer Workshops 2013, Bowling Green, KY.
- Pereira, N. (2013, April). *Identification for gifted, talented, and creative programming*. Session chair at the Annual Meeting of the American Educational Research Association, San Francisco, CA.
- Pereira, N. (2013, February). *Facts & myths about gifted children*. Super Saturdays Parent Seminar, Bowling Green, KY.
- Pereira, N., Jordan, S. S., & Dalrymple, O. (2013, January). *STEAM Labs™: Teaching engineering design using STEAM Machines™*. Workshop presented at Western Kentucky University. Bowling Green, KY.
- Pereira, N., Jordan, S. S., & Dalrymple, O. (2012, October). *STEAM Labs™: Teaching engineering design using STEAM Machines™*. Workshop presented at Western Kentucky University. Bowling Green, KY.
- Pereira, N. (2012, April). *An overview of education in Brazil*. School of Teacher Education Brown Bag Seminar, Bowling Green, KY.
- Pereira, N. (2011, November). *Facts & myths about gifted children*. Super Saturdays Parent Seminar, Bowling Green, KY.

- Pereira, N., & de Oliveira, L. C. (2010, July). *English language learners in the general education classroom*. Presentation to students in the Transition to Teaching/STEM Goes Rural Seminar, West Lafayette, IN.
- Pereira, N. (2010, January). *Acknowledging diversity: meeting the needs of high ability students in poverty*. Presentation at Super Saturday teacher training, West Lafayette, IN.
- Arnold, M., Pereira, N., & Yoon, S. (November, 2009) *Panel of senior graduate students*. Session presented for the Graduate Organization in Educational Studies, West Lafayette, IN.
- Pereira, N. (2009, April). *Acceleration and alternative programming options*. Session chair at the annual meeting of the American Educational Research Association, San Diego, CA.
- Pereira, N. (2009, April). *Recognizing and nurturing the abilities of ELL students*. Session presented at the Middle School High Ability Conference: Differentiating in the Content Areas to Maximize Student Success, Indianapolis, IN.
- Pereira, N., & Jordan, S. S. (2009, February). *Rube Goldbergengineering 101*. Presentation to parents of students attending the Super Saturday program, West Lafayette, IN.
- Pereira, N. (2008, June). *Meeting the needs of English language learners*. Session presented at the Annual DISCOVER! Institute, West Lafayette, IN.
- Pereira, N. (2008, February). *Curriculum differentiation*. Eastern Hancock School Corporation, Charlottesville, IN.
- Pereira, N. (2008, January). *Tiered lessons and classroom differentiation*. Blue River Valley School Corporation, New Castle, IN

GRANTS

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| 2016 | Purdue Research Foundation – Year-Long Research Grant
Creative Engineering and Design in Action: Designing and Evaluating Learning Activities Connecting Engineering and Creativity (\$18,111) |
| 2016 | Purdue University Undergraduate Research Trainee Grant |
| 2014-2019 | Office of Elementary and Secondary Education. The Javits Gifted and Talented Students Education Program
<i>Developing Talents and Improving Student Achievement and Identification as Gifted Among Traditionally Underrepresented Populations: An Experimental Investigation Scaling up the Total School Cluster Grouping Model</i> (\$2,468,241) |
| 2013 | Faculty-Undergraduate Student Engagement (FUSE)
Effectiveness of a STEAM Approach to Teaching Engineering Design (\$4,500) |

- 2012 Curriculum Development/International Programs (CDIP)
Study Abroad in Brazil: Teaching Strategies and Planning for Student Diversity (\$3,000)
- 2012 Collaborative Center for Literacy Development
Implementing Word Walls Across the Content Areas for All Learners (\$10,000)
- 2009-2010 Purdue University Undergraduate Research Trainee Grant
Total School Cluster Grouping: A quasi-experimental study of program effects on student achievement and identification and on teacher practices and perceptions (\$900)
- 2009-2010 Purdue College of Education Synergy Grant
Total School Cluster Grouping: A Quasi-Experimental study of program effects on student achievement and identification and on teacher practices and perceptions (\$2,500)
- 1999-2001 Undergraduate Research Grant, Universidade Federal do Rio Grande do Sul (\$900)

MEMBERSHIP IN ACADEMIC, PROFESSIONAL, AND SCHOLARLY SOCIETIES

- 2007-present American Educational Research Association (AERA)
- 2007-present National Association for Gifted Children (NAGC)
- 2009-2011 World Council for Gifted and Talented Children (WCGTC)
- 2014-present National Science Teachers Association (NSTA)
- 2014
- 2011-present Brazilian Council for Gifted Education (ConBraSD)
- 2011-present American Psychological Association (APA)
- 2011-2012 Association for Psychological Science (APS)
- 2011-present Kentucky Association for Gifted Education (KAGE)
- 2009-2013 American Society for Engineering Education (ASEE)
- 2009-2010 American Association for Applied Linguistics (AAAL)
- 2008-2010 Teachers of English to Speakers of Other Languages (TESOL)
- 2007-2008 Indiana Teachers of English to Speakers of Other Languages (INTESOL)

2003 English Teachers Association of the State of Rio Grande do Sul (APIRS)

AWARDS

2016 Maria Helena Novaes Mira Award, Brazilian Council for Giftedness

2016 Award for Excellence in Research, Mensa Education & Research Foundation (\$500)

2016 Faculty Engagement Award, Department of Educational Studies, Purdue University

2012 Doctoral Student Award, National Association for Gifted Children (\$1,000)

2010-2011 Bilsland Dissertation Fellowship, College of Education, Purdue University (\$49,000)

2009 Doctoral Research In-Progress Paper, Graduate Student Gala, National Association for Gifted Children Research and Evaluation Network (Second place)

2009 Book Award, Graduate Organization in Educational Studies, Purdue University (\$250)

2009 Feldhusen Doctoral Fellowship, Gifted Education Resource Institute, Purdue University (\$1,000)

2007 Outstanding Poster in Engineering-Graduate Education and Interdisciplinary Programs, Latino Scholars Forum, Purdue University (\$ 500)

2006 Teacher in Residence, Partners of the Americas Indiana Chapter (\$3,000)

SERVICE

Committee Work and Leadership

2016-2017 Chair, Division D Membership Committee, American Educational Research Association

2015-2016 Assistant Chair, Division D Membership Committee, American Educational Research Association

2014-2015 Committee Member, Special Populations Network Awards Committee, National Association for Gifted Children

2014-present Program Chair, Special Populations Network, National Association for Gifted Children

- 2014-present Chair, Research Into Practice Committee, Research and Evaluation Network, National Association for Gifted Children
- 2012-2014 Chair, Strategic Initiatives Committee, Research and Evaluation Network, National Association for Gifted Children
- 2014- present Committee Member, Division D Membership Committee, American Educational Research Association
- 2013-present Committee Member, Awards Committee, National Association for Gifted Children
- 2013-2014 Committee Member, Graduate Student Research Committee, Graduate Council, Western Kentucky University
- 2013-2014 Graduate Council Representative, College of Education and Behavioral Sciences, Western Kentucky University
- 2013-2015 Board Member, University Liaison, Kentucky Association for Gifted Education
- 2013-2014 Committee Member, CEBS International Education Committee, College of Education and Behavioral Sciences, Western Kentucky University
- 2013-2014 Committee Member, Teacher Leader Task Force, School of Teacher Education, Western Kentucky University
- 2013-2014 Committee Member, School of Teacher Education Summer Conference Planning Committee, School of Teacher Education, Western Kentucky University
- 2012-2014 Chair, Publications Committee, Special Populations Network, National Association for Gifted Children
- 2012-2014 Chair, Strategic Initiatives Committee, Research and Evaluation Network, National Association for Gifted Children
- 2012-2014 Treasurer, Research and Evaluation Network, National Association for Gifted Children
- 2012-2014 Committee Member, Diversity Enhancement Committee, Western Kentucky University
- 2011-2014 Committee Member, Master's Degree in Gifted Education Committee, School of Teacher Education, Western Kentucky University
- 2012 Committee Member, Global Pathways Curriculum Subcommittee, College of Education and Behavioral Sciences, Western Kentucky University

- 2011-2012 Committee Member, Membership Committee, Research and Evaluation Network, National Association for Gifted Children
- 2011 Committee Member, Math Education Search Committee, School of Teacher Education, Western Kentucky University
- 2009-2011 Graduate Student Member, Department of Educational Studies Curriculum and Graduate Committee, Purdue University
- 2010 Chair, 4th Graduate Student Educational Research Symposium, Purdue University
- 2009-2010 Graduate Student Member, Division D Graduate Student Seminar Committee, American Educational Research Association
- 2009-2010 Graduate Student Member, College of Education Leadership Team, Purdue University
- 2009-2010 Graduate Student Member, Measurement with Educational Applications Faculty Search Committee, Department of Educational Studies, Purdue University
- 2009-2010 President, College of Education Graduate Student Council, Purdue University
- 2009-2010 Chair, Book Award Committee, Graduate Organization in Educational Studies, Purdue University
- 2009 Co-Chair, 3rd Graduate Student Educational Research Symposium, Purdue University
- 2008-2009 Vice-President, College of Education Graduate Student Council, Purdue University
- 2008-2009 Graduate Student Representative, College of Education Awards Committee, Purdue University
- 2008-2009 Graduate Student Representative, College of Education International Committee, Purdue University
- 2008-2009 President, Graduate Organization in Educational Studies, Purdue University
- 2007-2008 Treasurer, Graduate Organization in Educational Studies, Purdue University

Editorial/Reviewer

- 2016-present Editorial Review Board Member, Gifted Child Quarterly
- 2016 Reviewer, Conference Proposals, Division 15, American Psychological Association

- 2015-present Associate Editor, Gifted and Talented International
- 2015-present Editorial Board Member, Journal of Advanced Academics
- 2013-2015 Ad Hoc Reviewer, *Gifted Child Quarterly*
- 2012-2014 Newsletter Editor, Special Populations Network, National Association for Gifted Children
- 2012 Reviewer, Conference Proposals, Frontiers in Education Conference
- 2011-present Ad Hoc Reviewer, *Learning and Individual Differences*
- 2011-2014 Ad Hoc Reviewer, *Journal of Advanced Academics*
- 2008-present Reviewer, Conference Proposals, American Educational Research Association
- 2007-present Reviewer, Conference Proposals, National Association for Gifted Children
- 2009 Reviewer, Conference Proposals, American Society for Engineering Education
- 2008-2011 Reviewer Mentee, Manuscripts, *Gifted Child Quarterly*

Judging

- 2017 Rube Goldberg Machine Contest National Finals, Rube Goldberg Inc.
- 2016-2017 Annual Graduate Student Educational Research Symposium, Purdue University
- 2013, 2016 Dissertation Award, Research and Evaluation Network, National Association for Gifted Children
- 2012 Graduate Student Research Gala, Research and Evaluation Network, National Association for Gifted Children
- 2012-2017 International Online Rube Goldberg Machine Contest, Rube Goldberg Inc.
- 2012-2014 WKU Student Research Conference, Western Kentucky University

TEACHING **Courses Taught and Coordinated**

Purdue

- EDPS 540: Gifted, Creative, and Talented Children
EDPS 545: Social and Affective Development of Gifted Students

Western Kentucky University

EDU 250/EDUC 100: Introduction to Teaching
GTE 537: Curriculum, Strategies, and Materials for Gifted Students
GTE 538: Practicum for Teachers of Gifted Students
GTE 636: Issues in Gifted and Talented Education
PSY 432: Psychology of the Gifted and Talented
SEC 352: Planning for Student Diversity
TCHL 520: Principles of Action Research
TCHL 560: Action Research for Teacher Leaders

LANGUAGES

- Brazilian Portuguese: Native
- English: Fluent
- Spanish: Proficient (listening, speaking, reading, and writing skills)