

CURRICULUM VITA

Academic Association

Educational Leadership, Sport Studies &
Educational/Counseling Psychology
Educational Psychology
College of Education

Contact Information

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EDUCATION

- May 2013** **Doctorate of Philosophy of Educational Psychology** with Distinction; University of New Mexico, Albuquerque, NM.
- 2007** **Masters of Education.** Educational Leadership; Grand Canyon University, Phoenix, AZ.
- 2004** **Bachelor of Science,** Elementary Education; Endorsement in Mathematics and Science University of New Mexico, Albuquerque, NM.

PROFESSIONAL WORK EXPERIENCE

- 2020-** **Associate Professor.** Washington State University, Pullman, WA. Educational Psychology, College of Education.
- 2015-2020** **Assistant Professor.** Washington State University, Pullman, WA. Educational Psychology, College of Education.
- 2016- Present** **Co-Director Multimedia in Education: Research with Instructional Techniques (MERIT Lab).** Washington State University, Pullman, WA. College of Education.
- 2014-2015** **Visiting Assistant Professor.** University of New Mexico, Albuquerque, NM. Educational Psychology, College of Education.
- 2013-2014** **Post-doctoral Fellow.** University of New Mexico, Albuquerque, NM. College of Education. Data and Project Manager for the College of Education NCATE/CAEP accreditation process.
- 2008-2012** **Research Coordinator.** American Society of Radiology Technologists. Albuquerque, NM. Organized and analyzed large databases, developed and implemented survey research, prepared manuscripts.
- 2007-2008** **Middle School Educator.** Albuquerque Public Schools. Albuquerque, NM. Designed and delivered courses in technology and mathematics for grades seven and eight.
- 2004-2007** **Elementary School Educator.** Rio Rancho Public Schools. Rio Rancho, NM. Designed and delivered k, first and second grade curriculum. Additional duties included science textbook adoption committee leader and mathematics power standards alignment committee leader.

SCHOLARSHIP ACTIVITY

Publications and manuscripts

1 indicate two first authors

- Noyes, J. A., **Carbonneau, K. J.**, Matthew, S. M. (accepted). Comparative Effectiveness of Training with Simulators Versus Traditional Instruction in Veterinary Education: Meta-Analysis and Systematic.
- Noyes, J. A., **Carbonneau, K. J.**, Keegan, R. D., Matthew, S. M. (accepted) Evaluating a multimodal clinical anesthesia course designed according to a deliberate practice framework and integrated into an existing veterinary curriculum. *Simulation in Healthcare*.
- Carbonneau, K.J.** (2020). Teacher judgments of student mathematics achievements: The moderating role of student teacher conflict. *Educational Psychology*. <https://doi.org/10.1080/01443410.2020.1768223>
- Morrison, J. A, Ardasheva, Y., Newcomer, S. N., Lightner, L. K., Ernst-Slavit, G., & **Carbonneau, K. J.**, (2020). Supporting Science Learning for English Language Learners. *Journal of Educational Research and Practice*. 10 (1), 254–274. 10.5590/JERAP.2020.10.1.17
- Newcomer, S. N., Ardasheva, Y., Morrison, J. A., Ernst-Slavit, G., Morrison, S. J., **Carbonneau, K. J.**, & Lightner, L. K. (2020). “Whoa... Welcome to America!” Working with refugee students and families. *Journal of Research in Childhood Education*. <https://doi.org/10.1080/01443410.2020.1768223>
- Matthew, S., **Carbonneau, K.J.**, Mansfield, C.F., Zaki, F, Cake,M.A., & McArthur, M.L.(2020) A contextualised measure of resilience in veterinary practice: The veterinary resilience scale–personal resources (VRS–PR). *Veterinary Record*. 186, 489-495. <http://dx.doi.org/10.1136/vr.105575>
- Carbonneau, K.J.**, Wong, R., & Borysenko, N. (2020). The influence of perceptually rich manipulatives and collaboration on mathematic problem-solving and perseverance. *Contemporary Educational Psychology*, 61, 1-11. <https://doi.org/10.1016/j.cedpsych.2020.101846>
- Noyes, J., Johnson, J., Welch, P., & **Carbonneau, K.J.** (2020). A Systematic Review of Digital Badges in Healthcare Education. *Medical Education*. 54(4), 600-615. <https://doi.org/10.1111/medu.14060>
- Wong, R., Adesope, O., & **Carbonneau, K.J.** (2020). Process- and product-oriented worked examples and self-explanations to improve learning performance." *Journal of STEM Education: Innovations and Research*. 2(2), 21-31.
- Cake, M., McArthur, M. L., Mansfield, C., Zaki, S., **Carbonneau, K. J.**, & Matthew, S. (2020). Challenging identity: Development of a measure of veterinary career motivations. *Veterinary Record*. 186, 386-391. <http://dx.doi.org/10.1136/vr.105510>
- Haines, J.M., Wardrop, J.K., Lindberg, C., **Carbonneau, K.J.**, Ngwenyama, T., & Martin, L. (2020). Educating veterinary students in an intensive care unit about transfusion reactions: Development and impact of an online learning module. *Journal of Veterinary Emergency*

and *Critical Care*. 30(4), 405-410. <https://doi.org/10.1111/vec.12983>

- Barrio, B. L., **Carbonneau, K. J.**, Poppen, M., Miller, D., Dunn, M., & Hsiao, Y. J. (2019). Theory to Practice: Implementation Achievements and Challenges of Response to Intervention in a Rural District. *Journal of the American Academy of Special Education Professionals*, 125-140. <https://www.naset.org/index.php?id=5330>
- Ardasheva, Y., Newcomer, S. N., Ernst-Slavit, G., Morrison, S. J., Morrison, J. A., **Carbonneau, K. J.**, & Lightner, L. K. (2019). Decision-making practices of experienced upper-elementary teachers during small group instruction to support English learners. *The Elementary School Journal*. 120, 88-108. <https://doi.org/10.1086/704392>
- Carbonneau, K.J.**, VanOrman, D., Lemberger-Truelove, M., & Atencio, A. (2019). Leveraging the power of observations: Locating the sources of error in observing early childhood classrooms. *Early Education and Development*. 31, 84-99. <https://doi.org/10.1080/10409289.2019.1617572>
- Noyes, J., **Carbonneau, K.J.**, Gotch, C., & Matthew, S. (2019). Is a picture worth a thousand words? Evaluating the design of instructional animations in veterinary education. *Journal of Veterinary Medical Education*. <https://doi.org/10.3138/jvme.0118-002r>
- Abercrombie, S., Hushman, C.J., & **Carbonneau, K.J.** (2019). The influence of timing of peer cooperation on learning. *Educational Psychology*. 39, 881-889. <https://doi.org/10.1080/01443410.2019.1567690>.
- Carbonneau, K.J.**, Marley, S.C., Selig, J.P., Korzekwa, A., & McCutchen, K (2019). Are the learning benefits of causal diagrams durable? *Research in the Schools*. 26, 13-26.
- Lemberger-Truelove, M., **Carbonneau, K.J.**, Zieher, A., & Atencio, A. (2019). Support for the development and use of the child observation of mindfulness measure. *Mindfulness*. 10, 1406-1416. <https://doi.org/10.1007/s/12671-019-1094-5>.
- Abercrombie, S., Hushman, C.J., & **Carbonneau, K.J.** (2018). The impact of seductive details and signaling on analogical transfer. *Applied Cognitive Psychology*. 33, 38-47. <https://doi.org/10.1002/acp.3475>
- Catena, R.D. & **Carbonneau, K.J.** (2018). Guided hands-on activities can improve student learning in a lecture-only qualitative biomechanics course. *Anatomical Sciences Education*. doi: <https://doi.org/10.1002/ase.1832>.
- Higheagle Strong, Z., **Carbonneau, K.J.** & Austin, B. (2018). When talking matters: American Indian and Alaska Native middle school students who talk with Family and Teachers are more likely to have a plan to attend college. *Journal of American Indian Education*. 57, 35-57.
- Carbonneau, K.J.**, Barrio, B.L., & Marley, S. (2018). Reading comprehension: Connecting action to text *Academic Exchange Quarterly*. 22, 24-29. doi: <http://rapidintellect.com/AEQweb/fal2018.htm>.
- Carbonneau, K.J.**, Zang, X. & Ardasheva, Y. (2018). Pre-service educators' perceptions of

manipulatives: The moderating role of mathematics teaching self-efficacy. *School Science and Mathematics*. 118, 300-309. doi: 10.1111/ssm.12298 .

Lemberger, M., **Carbonneau, K.J.**, Atencio, D., Zieher, A., & Palacios, A. (2018). Growth effects for children participating in a mindfulness and social-emotional intervention. *Journal of Counseling & Development*. 96, 289-302. doi: 10.1002/jcad.12203.

Ardasheva, Y¹., **Carbonneau, K. J.**¹., Roo, A. K., & Wang, Z. (2018). Relationships among prior learning, anxiety, self-efficacy, and science vocabulary learning of middle school students with varied English language proficiency. *Learning and Individual Differences*. 61, 21-30. doi: <https://doi.org/10.1016/j.lindif.2017.11.008>.

Lemberger, M., **Carbonneau, K.J.**, Selig, J.P., & Bowers, H. (2018). The role of social-emotional mediators on middle school students' academic growth as fostered by an evidence-based intervention. *Journal of Counseling & Development*. 96, 27-40. doi: 10.1002/jcad.12175.

Noyes, J., Thomovsky, S., Fransson, B., Chen-Allen, A., Owen, T., **Carbonneau, K.J.**, & Matthew, S. (2017). Surgical decision making based on magnetic resonance imaging as compared to computed tomography in chondrodystrophic dogs with intervertebral disc extrusion. *Veterinary Surgery*. 6, 025-1031. doi: 10.1111/vsu.12700. **Impact factor 1.10**

Hackel, T. S., Jones, M. H., **Carbonneau, K. J.**, & Mueller, C. E. (2016). Re-examining achievement goal instrumentation: Convergent validity and Predictive validity of AGQ and PALS. *Contemporary Educational Psychology*, 46, 73-80.

McCutchen, K. L., Jones, M. H., **Carbonneau, K. J.**, & Mueller, C. E. (2016). Mindset and standardized testing over time. *Learning and Individual Differences*. 45, 208-213. doi: 10.1016/j.lindif.2015.11.027.

Marley, S.C. & **Carbonneau, K.J.** (2015). How psychological research with instructional manipulatives can inform classroom learning. *Scholarship of Teaching and Learning in Psychology*. 1, 412-424. <http://dx.doi.org/10.1037/stl0000047>.

Carbonneau, K. J., & Marley, S. C. (2015). Instructional guidance and realism of manipulatives influence preschool children's mathematics learning. *The Journal of Experimental Education*, 83(4), 495-513. <https://doi.org/10.1080/00220973.2014.989306>.

Hushman, G., Hushman C.J. & **Carbonneau, K.J.** (2015). Addressing educational reform: Exploring PE Metrics as a system to measure student achievement in physical education. *The Physical Educator*. 72. 171-191.

Marley, S. C., & **Carbonneau, K. J.** (2014). Future directions for theory and research with instructional manipulatives: Commentary on the special issue papers. *Educational Psychology Review*, 26 91-100. doi:10.1007/s10648-014-9259-1.

Marley, S. C., & **Carbonneau, K. J.** (2014). Theoretical perspectives and empirical evidence relevant to classroom instruction with manipulatives. *Educational Psychology Review*, 26, 1-7. doi:10.1007/s10648-014-9257-3.

- Carbonneau, K. J.**, Marley, S. C., & Selig, J. P. (2013). A meta-analysis of the efficacy of teaching mathematics with concrete manipulatives. *Journal of Educational Psychology, 105*, 380–400. doi:10.1037/a0031084.
- Culbertson, J., **Carbonneau, K.J.**, Kudlas, M. & Martino, S. (2012). State population as a predictor of radiation therapy staffing levels. *Journal of the American College of Radiology, 9*. 358-362.
- Marley, S.C., **Carbonneau, K.J.** & Lockner, D. (2011). Motivational interviewing skills positively predict WIC Nutritionists' counseling self-efficacy. *Journal of Nutrition Education and Behavior, 43*. 28-34.
- John, S., Morrison, G., Goske, M. Charkot, E., Hermann, T., Smith, S., Culbertson, J., & **Carbonneau, K.J.** (2011). Pediatric digital radiography education for radiologic technologists- current state. *Pediatric Radiology, 41*, 602-610.

Under review

VanOrman, D.S.J., Ardasheva, Y., **Carbonneau, K. J.**, Firestone, J. (under review). Effectiveness of Extended Vocabulary Instruction on Vocabulary Learning and Science Reading Comprehension in Mixed-English-Proficiency Classrooms. *Journal of Research on Educational Effectiveness*.

Carbonneau, K. J., Ardasheva, Y., Lightner, L. K., Newcomer, S. N., Ernst-Slavit, G., Morrison, J. A., & Morrison, S. J. (under review). Moving Beyond the Classroom: Pre- and In-Service Teachers' Self-Efficacy for Working with Culturally and Linguistically Diverse Students. *Teacher and Teacher Education*. Submitted 07/02/20.

Barrio, B., **Carbonneau, K.J.**, Peak, P., Hovey, K., & Mahaffey, K. (under review). Teacher education's preparation on culturally responsive practices and response to intervention: A multi-campus evaluation and exploration. *Journal of Teacher Education*. Submitted 08/01/2020.

Ernst-Slavit, G., Newcomer, S. N., Morrison, S. J., Lightner, L. K., Morrison, J. A., Ardasheva, Y., & Carbonneau, K. J. (under review). Latina Paraeducators' Stories of Resistance, Resilience and Adaptation in a Grow Your Own Program. *Journal of Career Development*. Submitted 04/27/2020. Revise and resubmit 07/20/2020.

Ardasheva, Y., Crosson, A., **Carbonneau, K.J.**, & French, B. (under review). Unpacking contributions of morphosyntactic awareness and vocabulary to science reading comprehension among linguistically diverse students. *Contemporary Educational Psychology*. Submitted 06/03/2019.

Book chapters

Carbonneau, K.J., & VanOrman, D.S.J. (accepted). *Instrumentation*. *SAGE Encyclopedia of Research Design*, 2nd edition. (B. Frey, Ed.). SAGE.

Gotch, C., **Carbonneau, K.J.**, & VanOrman, D.S.J. (accepted). Preparing pre-service teachers for assessment of, for, and as learning. In S. Nichols & D. Varier (Eds.), *Teaching on Assessment*.

Information Age Publishing. Charlotte, NC.

Ardasheva, Y., **Carbonneau, K.J.**, & Zang, X. (2019). Factor Analysis and Statistical Modeling in Applied Linguistics: Current Issues and Possibilities. In J. McKinley & H. Rose (Eds.). *The Routledge Handbook of Research Methods in Applied Linguistics*. Routledge Publishers. New York, NY.

Carbonneau, K.J. & Marley, S.C. (2012). Activity-based learning strategies and academic achievement. In J.A.C. Hattie & E.M. Anderman (Eds.), *International guide to student achievement*. Routledge Publishers. New York, NY.

Technical reports

Radiation Therapy Staffing Survey. (2011). American Society of Radiologic Technologists. Albuquerque, NM. Archived at: <https://www.asrt.org/media/pdf/research/RTTStaffing2011.pdf>

Clinical Educator Snapshot. (2010). American Society of Radiologic Technologists. Albuquerque, NM. Archived at: <https://www.asrt.org/media/pdf/research/ClinicalInstructorSummary.pdf>

Refereed conference presentations

Van Orman, D. S.J., **Carbonneau, K.J.**, Lemberger, M., & Atencio, D (2019, August). *Locating sources of error in observations: The Individualized Classroom Assessment Scoring System*. Poster presentation at 2019 annual meeting of the American Psychological Association, Chicago, IL.

Newcomer, S. N., Ernst-Slavit, G., Morrison, S. J., Ardasheva, Y., Morrison, J. A., Lightner, L. K., & **Carbonneau, K. J.** (2019, April). *This was the first time anybody had ever invited me": The power of school/family engagement*. Paper presentation at 2019 annual meeting of the American Educational Research Association, Toronto, CA.

Noyes, J. A., Keegan, R. D., **Carbonneau, K. J.**, Lepiz, M., Rankin, D., & Matthew, S. M. (2019, April). *Evaluating a multimodal course in clinical anesthesia developed according to a deliberate practice framework*. Poster presentation at 2019 annual meeting of the American Educational Research Association, Toronto, CA.

Anguiano, C. & **Carbonneau, K. J.** (2019, April). *Preservice educators' perceptions on manipulatives: The role of mathematics teaching self-efficacy*. Roundtable presentation at 2019 annual meeting of the American Educational Research Association, Toronto, CA.

Ardasheva, Y., Crosson, A.C., **Carbonneau, K.J.**, & French, B. (2019, April). *Unpacking contributions of morphosyntactic awareness and vocabulary to science reading comprehension among linguistically diverse students*. Roundtable presentation at 2019 annual meeting of the American Educational Research Association, Toronto, CA.

Carbonneau, K.J., Barrio, B., Ardasheva, Y., & Newcomer, S. (2018, November). *Case based instruction for culturally responsive teaching*. Poster presentation at 2018 annual meeting of the Council for Learning Disabilities, Portland, OR.

- Miller, D., Barrio, B., **Carbonneau, K.J.**, & Dunn, M. (2018, November). *Implementation achievements and challenges of response to intervention in schools*. Poster presentation at 2018 annual meeting of the Council for Learning Disabilities, Portland, OR.
- Barrio, B., **Carbonneau, K.J.**, Peak, P., & Hovey, K. (2018, November). *Preparing culturally responsive preservice teachers: Alleviating disproportionality in special education*. Structured poster presentation at 2018 annual meeting of the Council for Learning Disabilities, Portland, OR.
- Ardasheva, Y., Newcomer, S. N., Ernst-Slavit, G., Morrison, S. J., Morrison, J. A., **Carbonneau, K. J.** & Lightner, L. K. (2018, November). *Experienced teachers' small group instruction decision-making practices*. Session paper presented at the annual meeting of the American Anthropological Association, San Jose, CA.
- Newcomer, S. N., Ernst-Slavit, G., Morrison, S. J., Ardasheva, Y., Morrison, J. A., Lightner, L. K., & **Carbonneau, K. J.** (2018, November). *Exploring our educational imagination: Stories of journeying toward teaching*. Session paper presented at the annual meeting of the American Anthropological Association, San Jose, CA.
- Wong, R., Alpizar, D., & **Carbonneau, K.J.** (2018, August). *An exploratory factor analysis of students' perseverance in mathematics*. Poster presentation at 2018 annual meeting of the American Psychological Association, San Francisco, CA.
- Carbonneau, K.J.** & Anguiano, C. (2018, August). *Self-explanation and imagery: Tools for learning*. Poster presentation at 2018 annual meeting of the American Psychological Association, San Francisco, CA.
- Catena, R.D. & **Carbonneau, K.J.** (2018, July). *Hands on activities improve learning in lecture-only qualitative biomechanics*. Podium Presentation at the 42nd annual meeting of the American Society of Biomechanics. Rochester, NY.
- Wong, R., Adesope, S., & **Carbonneau, K. J.** (2018, April) *Computer-based learning of mathematics from worked examples: Focused and menu-based self-explanations*. Poster presentation at 2018 annual meeting of the American Educational Research Association, New York, NY.
- Ardasheva, Y., **Carbonneau, K. J.**, Roo, A. K., & Wang, Z. (2018, April) *Anxiety and self-efficacy contributions to science vocabulary learning of secondary students with varied English proficiency*. Roundtable presentation at 2018 annual meeting of the American Educational Research Association, New York, NY.
- Van Orman, D., Ardasheva, Y., & **Carbonneau, K.J.** (2018, April). *Effects of extended vocabulary instruction on vocabulary learning and science reading comprehension in mixed English proficiency classrooms*. Roundtable presentation at 2018 annual meeting of the American Educational Research Association, New York, NY.
- Anguiano, C. & **Carbonneau, K. J.** (2018, April). *The influence of modeling on science self-efficacy among elementary school students*. Poster presentation at 2018 annual meeting of the American Educational Research Association, New York, NY.

- Ardasheva, Y., Newcomer, S., Ernest-Slavit, G., **Carbonneau, K.J.**, Morrison, S., Morrison, J., & Lightner, L. (2018, April). *Upper-elementary teachers' use of small group strategies across content areas to support English learners*. Roundtable presentation at 2018 annual meeting of the American Educational Research Association, New York, NY.
- Carbonneau, K. J.**, Abercrombie, S., & Hushman, C.J. (2017, April). *Academic risk taking a trait and is it distinct from Need for Cognition?* Poster presented at 2017 annual meeting of the American Educational Research Association, San Antonio, TX.
- Abercrombie, S., **Carbonneau, K. J.**, & Hushman, C.J. (2017, April). *The Structure and antecedents of positive academic risk taking*. Poster presented at 2017 annual meeting of the American Educational Research Association, San Antonio, TX.
- Anguiano, C. & **Carbonneau, K. J.** (2017, April) *Counting with real coins: Does perceptual richness of manipulative money influence student learning?* Roundtable 2017 annual meeting of the American Educational Research Association, San Antonio, TX.
- Moore, R., Lamb, R. & **Carbonneau, K.J.** (2016). *Measuring student values: What secondary student in Hawai'i value in mathematics learning*. Poster presented at the 13th International Congress on Mathematical Education. Hamburg, Germany.
- McCutchen, K. L., Hershberger, M. A., Hackel, T. S., Jones, M. H., **Carbonneau, K. J.**, & Mueller, C. E. (2016, August). *AGQ and engagement lack of predictive validity*. Poster presented at 2016 annual meeting of the American Educational Research Association, Washington, DC.
- McCutchen, K. L., Hershberger, M. A., Hackel, T. S., Jones, M. H., **Carbonneau, K. J.**, & Mueller, C. E. (2016, August). *Mindset and standardized testing over time*. Poster submitted for presentation at the annual conference of the American Educational Research Association, Washington, DC.
- Carbonneau, K.J.**, Marley, S.C. & Boothe, C. (2016, July). *Instructional guidance and perceptual richness of manipulatives influence learner persistence*. Poster presented at 2016 annual meeting of the American Psychology Association. Denver, Colorado.
- Hackel, T., Bridges, J. **Carbonneau, K.J.**, & Jones, M. (2015, August). *Confirmatory factor analysis and invariance of mindset in a longitudinal sample of African-Americans*. Poster presented at the 2015 annual meeting of the American Psychology Association. Toronto, Canada.
- Carbonneau, K.J.** & Marley, S.C. (2014, April). *Do realistic manipulatives moderate the effect of instruction on preschool children's learning?* Poster presented at the 2014 annual meeting of the American Educational Research Association. Philadelphia PA.
- Abercrombie, S., Hushman, C.J., & **Carbonneau, K.J.** (2013, June). *Designing case-based instruction to scaffold pre-service teachers' problem solving and transfer*. Paper presented at the Annual meeting of the Mid-Western Educational Research Association. Evanston, Illinois.
- Carbonneau, K. J.**, Hushman, C. J., & Moreno, R. (2013, April). *Attitudinal consequences of using*

case-based supplemental instruction in teacher education: The role of real and virtual peer discussions. Paper presented at the 2013 annual meeting of the American Educational Research Association. San Francisco, CA.

Hushman, C. J., **Carbonneau, K. J.**, Selig, J. P., Marley, S. C., Korzekwa, A., & McCutchen, K. *Time varying effects of causal diagrams on learning outcomes and perceived difficulty* (2013, April). Paper presented at the 2013 annual meeting of the American Educational Research Association. San Francisco, CA.

Carbonneau, K.J., Marley, S.C. & Selig, J.P. (2012, April). *A meta-analysis of activity-based mathematics teaching strategies.* Poster presentation at the American Educational Research Association 2012 Annual Conference, Vancouver, Canada.

Carbonneau, K.J., Hushman, C.J. & Moreno, R. (2012, April). *Cognitive consequences of using case-based supplemental instruction in teacher education: The role of real and virtual peer discussions.* Roundtable at the American Educational Research Association 2012 Annual Conference, Vancouver, Canada.

Carbonneau, K.J., & Korzekwa, A.M. (2011, November). *A survey of pre-Service educators' perceptions of the efficacy of manipulatives: An Exploratory Factor Analysis.* Poster

Hushman, C. J., **Carbonneau, K. J.**, Selig, J. P., Marley, S. C., Korzekwa, A., & McCutchen, K. *Time varying effects of causal diagrams on learning outcomes and perceived difficulty* (2013, April). Paper presented at the 2013 annual meeting of the American Educational Research Association. San Francisco, CA.

Carbonneau, K.J., Marley, S.C. & Selig, J.P. (2012, April). *A meta-analysis of activity-based mathematics teaching strategies.* Poster presentation at the American Educational Research Association 2012 Annual Conference, Vancouver, Canada.

Carbonneau, K.J., Hushman, C.J. & Moreno, R. (2012, April). *Cognitive consequences of using case-based supplemental instruction in teacher education: The role of real and virtual peer discussions.* Roundtable at the American Educational Research Association 2012 Annual Conference, Vancouver, Canada.

Carbonneau, K.J., & Korzekwa, A.M. (2011, November). *A survey of pre-Service educators' perceptions of the efficacy of manipulatives: An Exploratory Factor Analysis.* Poster presentation at the 4th Bi-annual Conference of the Southwest Consortium for Innovative Psychology in Education, Norman OK.

Carbonneau, K.J. & Selig, J.P. (2011, April). *Teacher judgments of student mathematics achievements: The moderating role of student teacher conflict.* Poster presentation at the American Educational Research Association 2011 Annual Conference, New Orleans, LA.

Selig, J., Tueller, S., Wu, Y., & **Carbonneau, K.J.** (2011, March). *Trajectories of maternal depressive symptoms from 1 to 36 months postpartum, children's problem behavior, and relationship quality.* Poster presentation at the Society for Research in Child Development 2011 Biennial Meeting, Montreal Canada.

Carbonneau, K.J. & Marley, S. (2010, August). *Differences among Whites and Hispanics in BMI*

perceptions. Poster presentation at the 118th Annual American Psychological Association Convention. San Diego, CA.

Marley, S.C, Lockner, D., & **Carbonneau, K.J.** (2010, November). *Measurement of client satisfaction in Women Infants and Children (WIC) clinics*. Poster presentation at the 138th Annual American Public Health Association's Meeting and Exposition. Denver CO.

Non-refereed presentations

Carbonneau, K.J. (2010, October). *Promise and challenges of current trends for classroom learning technology: Bridging the gap in teacher education*. University of New Mexico Graduate Student Colloquium. Albuquerque, NM.

Carbonneau, K.J. (2008, May). *Best practices for integrating technology into daily classroom learning*. New Mexico Technology Summit. Albuquerque, NM.

Carbonneau, K.J. (2007, May). *Writing in math and SIOP model*. Teacher workshop, Martin Luther King Jr. Elementary and Enchanted Hills Elementary. Rio Rancho Public Schools District. Rio Rancho, NM.

FUNDING

Federal Agencies

Department of Health and Human Services. Motivating Innovation and Research Achievement (MIRA). Amounted Requested: \$1,425,666. Three years: 2020-2023. Role: Evaluator; PI: Dr. Lanier Mary Sanchez

Department of Education: National Professional Development Grant: Equity for Language Learners—Improving Practices and Acquisition of Culturally-Responsive Teaching (ELL-IMPACT). Amount funded \$2,274,430 for 5 years: 2017-2021. Role: Co-PI, PI: Dr. Gisela Ernest-Slavit

Foundation Agencies

Berry Family Fellowship: Case Based Instruction for Culturally Responsive Teaching. Amount funded \$20,000 for one year: 2017-2018. Role: PI

Thornburg Foundation: Enhancing Early Childhood Instruction to Support Children's Self-Regulation, Executive Functioning, and Readiness to Learn. Amount funded: \$110,000 for one year: 2015-2016. Role: Co-PI, PI: Dr. Matthew Lemberger-Truelove

Thornburg Foundation: Enhancing Early Childhood Instruction to Support Children's Self-Regulation, Executive Functioning, and Readiness to Learn. Amount funded: \$75,000 for one year: 2014-2015. Role: Key Personnel/Statistical consultant. PI: Dr. Matthew Lemberger-Truelove

William B. and Roberta V. Castetter Endowed Fellowship. \$25,000 to aid in the completion of dissertation research. One year 2012-2013.

Internal Monies

COE Collaborative Research Funds. An Emerging Partnership between the Innovation and Research in Special Education Collaboration (IRSEC) and the Eastmont School District. Requested travel funds awarded: \$2,017. One-time funds 2017. Submitted with Drs. Marcus Poppen, Brenda Barrio, Darcy Miller, Michael Dunn and Yun-Ju Hsiao.

CVM Educational Research Grants. Educating Veterinary Students in an Intensive Care Unit about Transfusion Reaction: Development and Impact of a Formal Learning Module. Amount funded: \$4,208. One-time funds 2018. Role Educational and statistical consultant. PI: Dr. Jane Wardop.

Under Review

Department of Health and Human Services: National Institutes of Health. Lanier, M. (PI). Maximizing Access to Research Careers program at Washington State University (MARC-WSU) Role: Evaluator

Department of Education: Transition and Postsecondary Programs for Students with Intellectual Disabilities. Poppen, M. (PI). WSU ROAR CTP + TPSID: A comprehensive transition program for students with intellectual disabilities at Washington State University is a proposal to support the Responsibility Opportunities Advocacy and Respect (ROAR) program. Role: Co-PI.

Institute of Educational Sciences: Development and Innovation Grant. Shenghai, D. (PI) Identifying malleable factors and practices supporting culturally and linguistically diverse students’ STEM learning: What can we learn from NAEP and State Policies? Role: Co-PI.

TEACHING

Courses taught

Level	Course	Institution
Undergraduate	Classroom Learning	University of New Mexico
Undergraduate	Human Growth and Development	University of New Mexico
Undergraduate	Technology in the Classroom	University of New Mexico
Undergraduate	Classroom Assessment for Elementary Educators	Washington State University
Undergraduate	Pre-Algebra	Central New Mexico Community College
Graduate	Theoretical Foundations of Learning and Instruction	Washington State University
Graduate	Introduction to Research Methods	University of New Mexico & Washington State University
Graduate	Educational Statistics	University of New Mexico & Washington State University
Graduate	Embodied and Embedded Cognition	Washington State University
Graduate	Multiple Regression Techniques in Education	University of New Mexico
Graduate	Principles of Research	Washington State University
Graduate	Quantitative Methods	Washington State University
Graduate	Educational Psychology Seminar	Washington State University
Graduate	Educational Psychology Internship	Washington State University
Graduate	Assessment for Teaching and Learning	Washington State University

ACADEMIC SERVICE

National service

- 2019 APA: Committee on the Development of Early Career Educational Psychologists
- 2018 AERA: Division C: Conference proposal reviewer
AERA: Division C: Graduate Student Research Excellence Award Reviewer
APA: Committee on the Development of Early Career Educational Psychologists
APA: Division 15 Conference proposal review
- 2017 AERA: Division C: Conference proposal reviewer
APA: Committee on the Development of Early Career Educational Psychologists
APA: Division 15 Conference proposal review
- 2016 AERA: Division C: Graduate Student Research Excellence Award Reviewer
AERA: Division C: Conference proposal reviewer
APA: Committee on the Development of Early Career Educational Psychologists
APA: Division 15 Conference proposal review
- 2015 AERA: Division C: Conference proposal reviewer
APA: Division 15: Conference proposal review

Editorial board membership

- 2018-Present *Early Childhood Research Quarterly*
- 2018-Present *Journal of Counseling and Human Development*
- 2016-Present *Contemporary Educational Psychology*
- 2015-Present *Journal of Humanistic Counseling*

Ad hoc reviewer

<i>Learning and Instruction</i>
<i>Journal of Experimental Education</i>
<i>Journal for Research in Mathematics Education</i>
<i>Journal of Engineering Education</i>
<i>Cognitive Research: Principles and Implications</i>
<i>Educational Psychology Review</i>
<i>Scholarship for Teaching and Learning in Psychology</i>
<i>International Journal of Early Childhood</i>
<i>Learning and Individual Differences</i>
<i>Teacher Educator</i>
<i>Child Development</i>

University service

- 2020- Present WSU IRB Committee
- 2019-2021 COE Faculty Awards Committee
- 2019- Present ROAR Peer Ally Coordinator
- 2019 COE Graduate Student Advisor Search Committee

2018	ROAR Director Search Committee
2018- 2019	ROAR Admission Committee
2017-2018	COE Grants and Research Advisory Board
2017-2018	COE Graduate Studies Committee- Committee chair
2016	COE Scholarship Application Reviewer
2016	COE Graduate Studies Committee
2016	WSU New Faculty Orientation Faculty Panel
2016	COE Working with Program Officers Faculty Panel

COMMUNITY OUTREACH

2019	STEM Family Night- Sunnyside Elementary. 200 attendees: https://news.wsu.edu/2019/12/17/pullman-elementary-school-hosts-events-collaborate-wsu-students/
2018	Literacy Family Night- Sunnyside Elementary. 124 attendees STEM Family Night- Sunnyside Elementary. 230 attendees
2017	Math Games Family Night- Sunnyside Elementary. 150 attendees
2017	STEM Family Night- Sunnyside Elementary. 300 attendee

HONORS AND AWARDS

2017-2018	WSU College of Education Faculty Award for Excellence in Teaching
2011-2013	Susan Deese-Roberts Outstanding Teaching Assistant- Nomination

PROFESSIONAL MEMBERSHIPS

2016-present	Society for Research in Child Development
2015-present	School Science and Mathematics Society
2008-present	National Council of Teachers of Mathematics
2008-present	American Psychological Association: Division 15: Educational Psychology.
2007-present	American Educational Research Association <ul style="list-style-type: none">• Division C: Learning and Instruction.• Division D: Measurement and Research Methodology.• SIG #032: Early Education and Child Development.• SIG #087: Research in Mathematics Education.• SIG #128: Teaching Educational Psychology.