Joseph C. Kush--Vita

## Education

Ph.D.    Educational Psychology (School Psychology)
         Arizona State University, May, 1984
         (Program accredited by American Psychological Association)

M.S.     Psychology, Pittsburg State University, 1980

B.A.     Psychology, Washburn University of Topeka, 1978

## Work History

2018-2019        Fulbright Scholar.  Sumy State University.  Sumy, Ukraine.

2014-present     Professor, Department of Instruction and Leadership in Education.

2014-present     Visiting Professor, Shaanxi Institute of International Trade and Commerce.  Xi'an, China.

2007-2015        Director, Instructional Technology and Instructional Leadership Doctoral Programs, Duquesne University. Coordinated of all aspects of these programs including admission and retention of students, program development and evaluation.

## Professional Certifications

Licensed Psychologist - Pennsylvania Board of Psychologist Examiners

Licensed Psychologist - Arizona Board of Psychologist Examiners (inactive)

Certified School Psychologist, Pennsylvania Department of Education

Certified School Psychologist (PSS), Arizona Department of Education (inactive)

Nationally Certified School Psychologist - National Association of School Psychologist's Certification Board

## Professional Organizations

Association for the Advancement of Computing in Education

International Test Commission

National Association of School Psychologists

Division 16, American Psychological Association

**Publications Pertaining to Teaching Activities**

**Books**

Yamamoto, J., Kush, J. C., Lombard, R., & Hertzog, C. J. (Eds.), (2010). *Technology implementation and teacher education: Reflective models.* Information Science Publishing. ISBN13: 9781615208975

**Book Chapters**

Mugayitoglu, B., & Kush, J. C. (2017). The role of computational thinking in the preparation of pre-service teachers. In T. Kidd & L. Morris (Eds.), *The Encyclopedia of Instructional Systems and Technology*. (pp. 340-355). Hershey, PA: IGI Global. ISBN13: 9781522523994

Kush, J. C. (2014). Psychological and educational theories of learning for 21st century students. In V. Wang (Ed.), *Handbook of research on teaching and learning in K-20 education.* Hershey, PA: IGI Global. ISBN13: 9781466642492

Kush, J. C. & Koch, A. S. (2014). The infusion of technology into teacher education programs. In V. Wang (Ed.). *Advanced Research in Adult Learning and Professional Development: Tools, Trends, and Methodologies.* (pp. 133-181). Hershey, PA: IGI Global. 13: 9781466646155

Maue, D., & Kush, J. C. (2014). Advances in audio restoration: Even better than the real thing. In M. Khosrow-Pour (Ed.). *Encyclopedia of Information Science and Technology*. (3rd ed.) (pp. 6064-6079). Hershey, PA: IGI Global.  DOI: 10.4018/978-1-4666-5888-2.ch598

**Publications (Teaching)**

Gorse, K. M., Kush, J. C., Turocey, P., & Casile, W. (2011). *Leadership roles in youth baseball: Implementation and management of health & safety standards. Youth First: The Journal of Youth Sports, 6*, 10-17.

Barone, W., Hyatt, K., Kush, J. C., Mautino, R., & Heo, M. (2011). *Aligning a teacher training assessment system with the conceptual framework, national, state and professional standards. Journal of Xi'an Eurasia University. 9*, 33-38.

Barkand, J., & Kush, J. C. (2009). GEARS a 3D virtual learning environment used in online secondary schools*. Electronic Journal of e-Learning*, *7*, 215-224. (http://www.ejel.org/Volume-7/v7-i3/Barkand_and_Kush.pdf)

**Invited Papers and Presentations (Teaching)**

Kush, J. C. (October, 2014). *Cultivation and mentoring of Teachers: Survival in the 21st century.* Invited paper presented at the Annual Regional Conference of the Shaanxi Provincial Ministry of Education, Xi'an, China.

Barone, W., Kush, J. C. & Mautino, R. (July, 2012). *A case study: A progress report on a student-centered learning faculty training program at Xi'an Eurasia University.* Invited paper presented at the Fourth Biannual International Forum of Chinese Association for

Institutional Research (CHAIR), in the Huazhong University of Science and Technology (HUST), Wuhan, China.

Kush, J. C. (August, 2011). *The utilization of technology to enhance the teaching-learning enterprise: Crossing the digital divide.* Invited paper presented at the International Academic Seminar in Sino-foreign Education Exchange — To Promote the Internationalization Process in Education: With International Vision and Quest for Innovation, hosted by Central China Normal University, Wuhan, China.

Kush, J. C., Barone, W., Koch, A. S. & Barkand, J. (November, 2009). *A model for the assessment of teacher dispositions towards the utilization of technology.* Invited symposia presented at the 2009 International Forum on Teacher Education, Shanghai, China.

Kush, J. C. (November, 2010). *Applying instructional technology to improve teaching method and teaching quality.* Invited paper presented at the 3rd Academic Affairs Conference of Xi'an Eurasia University, Xi'an, China.

Hyatt, K., Kush, J. C., Barone, W., & Mautino, R. (November, 2007). *Aligning assessments with the conceptual framework, National, State and professional standards.* Invited symposia presented at the 2007 International Forum on Teacher Education, Shanghai, China.

## Papers and Presentations (Teaching)

Kush, J. C. (May, 2016). *The role of computational thinking in the preparation of pre-service teachers.* Paper presented to the 2016 International Symposium on Society, Education and Psychology. Beijing, China.

Liu, J., & Kush, J. C. (June, 2015). Using teaching cells to establish effective online learning environments. Paper presented to the 10th International Conference on e-Learning ICEL-2015. College of the Bahamas, Nassau, The Bahamas.

Mugayitoglu, B., & Kush, J. C. (March, 2015). S*cratchJr: Block-based programming language on the iPad.* Paper presented to the Society for Information Technology and Teacher Education International Conference, Las Vegas, NV.

Carbonara, D. D., Kush, J. C., & Mugayitoglu, B. (February, 2015). *Getting to know Hopscotch, iPad-based programming language.* Paper presented to the 6th Annual Conference on Higher Education Pedagogy, Virginia Tech University, Blacksburg, VA.

Mautino, R. M., Carbonara, D. D., & Kush, J. C. (February, 2012). *Engaging struggling adolescent readers using inquiry method supported by multimedia*. Poster presented to the 4th Annual Conference on Higher Education Pedagogy, Virginia Tech University, Blacksburg, VA.

Carbonara, D. D., Heo, M. & Kush, J. C. (October, 2009) Digital storytelling in an urban elementary school. Paper presented at the Annual Conference of the Association of Educational Communications and Technology, Atlanta, GA.

Carbonara, D., Kush, J. C., & Heo, M. (October, 2009). *Implementation of digital story-telling in an urban elementary school*. Paper presented at the Association for Educational Communications and Technology (AECT), National Convention, Louisville, KY.

## Scholarly Publications

Kush, J. C. (in press). Correlates and stability of alternate stimuli in a computer-based measure of inspection time. *The Journal of General Psychology.*

Kush, J. C., & Canivez, G. L. (in press). The higher order structure of the WISC–IV Italian adaptation using hierarchical exploratory factor analytic procedures. *International Journal of School & Educational Psychology.* doi: 10.1080/21683603.2018.1485601.

Roth-Miller, N., & Kush, J. C. (2016). Active learning as a new technology: Examining the effects of blogging in the teaching of writing. *International Journal of Information and Educational Technology, 6,* 772-776.  doi: 10.7763/IJIET.2016.V6.790.

Canivez, G. L., & Kush, J. C. (2013). WISC–IV and WAIS–IV structural validity: Alternate methods, alternate results. Commentary on Weiss et al. (2013a) and Weiss et al. (2013b). *Journal of Psychoeducational Assessment, 31,* 157–169. doi: 10.1177/0734282913478036

Heo, M., Kush, J. C., & Stoffa, R. (2012). Factor analysis of ESL/EFL Strategy Inventory for Language Learning: Generation 1.5 Korean immigrant college students' language learning strategies*. Language, Culture and Curriculum, 8,* 1-12*.* http://dx.doi.org/10.1080/07908318.2012.706302.

Kush, J. C., Spring, M. B., & Barkand, J. (2012). *Advances in the assessment of cognitive skills using computer based measurement. Behavior Research Methods, 44*, 125-134. doi:10.3758/s13428-011-0136-2.

Stoffa, R., Kush, J. C., & Heo, M. (2011). Using the Motivated Strategies for Learning Questionnaire and the Strategy Inventory for Language Learning in assessing motivation and learning strategies of Generation 1.5 Korean immigrant students*. Education Research International.* Article ID 491276, 8 pages, 2011. doi:10.1155/2011/491276.

**Books**

Kush, J. C. (Editor). (2013). *Intelligence Quotient: testing, Role of genetics and the environment and social outcomes.* Hauppauge, NY: Nova Science Publishers. ISBN: 978-1-62618-728-3

**Books Chapters**

Kush, J. C. (2014). Psychological and educational theories of learning for 21st century students. In V. Wang (Ed.), *Handbook of research on teaching and learning in K-20 education.* Hershey, PA: IGI Global. ISBN: 978-1-4666-4249-2

Kush, J. C. (2013). The utilization of inspection time as a supplement to standardized tests of intelligence. In J. Kush (Ed.), *Intelligence Quotient: Testing, Role of Genetics and the Environment and Social Outcomes*. Hauppauge, NY: Nova Science Publishers. ISBN: 978-1-62618-728-3

Heath, C. P. & Kush, J. C. (1991). Use of discrepancy formulas in the assessment of learning disabilities. In J. Obrzut and G. Hynd (Eds.), *Neuropsychological foundations of learning disabilities: A handbook of issues, methods and practice* (pp. 287-307). Orlando, Florida: Academic Press.

**Scholarly Invited Papers and Presentations**

Kush, J. C. (March, 2018). *Deep-Knowledge integration: Automated knowledge production and consumption in an internet-of-everything world.* Member, invited panel. DigitalWorld 2018. Rome, Italy.

Kush, J. C. (June, 2014). *The role of inspection time in metacognitive processing.* Invited paper, and Session Chairman, presented at the 2014 World Neuroscience Online Conference.

Saklofske, D. H., Weiss, L. G., Keith, T. Z., Canivez, G. L., Kush, J. C., Flanagan, D. P., Alfonso, V. C., Reynolds, M., & Schneider, W. J. (February, 2014). WISC-IV and WAIS-IV: Revisiting the factor structure and clinical interpretation. Symposium to be presented at Annual Convention of the National Association of School Psychologists. Washington, D. C.

Kush, J. C. (June, 2013). *Advanced uses of technology in the assessment of cognitive skills and learning.* Invited paper, and Session Chairman, presented at the 2013 World Neuroscience Online Conference.

Kush, J. C. (June, 2012). *The role of inspection time in cognitive processing.* Invited paper, and Session Chairman, presented at the 2012 World Neuroscience Online Conference.

Kush, J. C., Watkins, M. W., & Franklin, M. R. (January, 1995). *Intellectual and academic characteristics of minority, disabled children: A statewide initiative.* Invited paper presented at Assessment '95: A Conference on Compelling Issues and Practical Applications of New Developments in K-12 Assessment, Tucson, AZ.

Kush, J. C. (September, 1991). *LD guidelines revisited.* Invited presentation at the convention of the Arizona Association of School Psychologists, Phoenix, AZ.

**Scholarly Papers and Presentations**

Canivez, G. L., Watkins, M. W., Dombrowski, S., Kush, J. C., Lecerf, T., McGill, R., & Cortes, J. F. (July, 2018). *Psychometric evaluations of Wechsler scales: Cross-cultural contexts.* Symposium presented at the 11th Conference of the International Test Commission, Montreal, Canada.

Kush, J. C. (March, 2018). *The pedagogy of computational thinking.* Chair of Special Session at the 10th International Conference on Mobile, Hybrid, and On-line Learning eLmL. Rome, Italy.

Kush, J. C. (Sep, 2016). *Reducing movement in a computer-based measure of choice reaction time.* Paper presented to the 3rd International Conference on Educational Psychology and Applied Social Psychology. Xi'an, China.

Kush, J. C. & Roth-Miller, N. (June, 2015). *Collaborative learning as a new technology: Examining the effects of blogging in the teaching of writing.* Round table discussion presented at the 2015 Association for Educational Communication and Technology (AECT) Learning and Knowledge Analytics in Open Education Conference. East China Normal University, Shanghai, China.

Kush, J. C. & Roth-Miller, N. (June, 2015). *Active learning as a new technology: Examining the effects of blogging in the teaching of writing.* Paper presented at the 4th International Conference on Software and Computer Applications (ICSCA). Hong Kong, China.

Kush, J. C. (June, 2014). *An examination of the short-term stability of a measure of inspection time.* Paper presented at the 9th Conference of the International Test Commission, San Sebastian, Spain.

Koch, A., Heo, M., Kush, J. C., & Carbonara, D. (July, 2009). *Active learning with digital media; The use of podcasting in reflective learning for elementary social studies instruction.* Paper presented at the 4th International Conference on e-Learning (ICEL), Toronto, Canada.

Carbonara, D., Kush, J. C., & Heo, M. (February, 2009). *Instructional technology dispositions: Effects on academic success.* Paper presented at the 61st Annual American Association of Colleges for Teacher Education (AACTE) National Convention, Chicago, IL.

## Board Memberships

Editorial Board, *Journal of Information Technology Education: Research.* (2010-present).

Editorial Board, *International Journal of Information and Education Technology.* (2015-present).

Editorial Board, *Journal of Information, Information Technology and Organizations.* (2008-present).

Editorial Board, *School Psychology.* (2017-2020).

Reviewer Panel, *British Journal of Instructional Technology.* (2006-present).

Reviewer Panel, *Electronic Journal of e-Learning.* (2014-present).

Editorial Board, *Journal of Applied School Psychology.* (2008-present).

Editorial Board, *School Psychology Review.* (1999-2011).

Editorial Board, *Research in Middle Level Education Online.* (1999-present).

Editorial Board, *Psychology in the Schools.* (2000-2009).

Ad Hoc Reviewer, *International Journal of School and Educational Psychology.*

Ad Hoc Reviewer, *International Journal of Measurement Technologies and Instrumentation Engineering (IJMTIE).*

Ad Hoc Reviewer, *International Journal of Web-Based Learning and Teaching Technologies (IJWLTT).*

Ad Hoc Reviewer, *Assessment.*

Ad Hoc Reviewer, *Personality and Individual Differences.*

Ad Hoc Reviewer, *School Psychology Review.*

Ad Hoc Reviewer, *International Journal of Testing.*

Ad Hoc Reviewer, *Journal of School Psychology.*

Ad Hoc Reviewer, *Measurement and Evaluation in Counseling and Development.*