Publications

Deschaine, M. E., Francis, R. W, & Whale, D. E. (Eds.). Effective educational social media. Houston, TX: NCPEA/IPEL Press.

Deschaine, M. E., Francis, R. W., & Sharma, S. A. (Accepted for Publication, 2018). Ensuring due process for data-driven errors: Establishing policies to address errors in responsible analytics and data mining in education. In Corbiel, R., Corbiel, M, & Kahn, B. (Eds.), *Responsible analytics and data mining in education: Global perspectives on quality, support, and decision-making.* New York, NY: Routledge Taylor & Francis Group.

Deschaine, M.E. & Francis, R.W. (Accepted for Publication, 2017). Succession planning for administrative positions: Supporting order during tumultuous transitions. A chapter in *Research on the Superintendency: The Contemporary Superintendent: (R)evolutionary Leadership in an Era of Reform.* Edited by L.E. Wallace and M. Mountford. Charlotte, North Carolina: Information Age Publications.

Francis, R. W. & Deschaine, M. E. (2016, Spring). Improving pre-service mentoring through the implementation of process improvement guidelines (PIGs). *The Field Experience Journal*, 8-25.

Francis, R. W., & Deschaine, M. E. (2016, Summer). Making a priority of the partnership. *PDS Partners*, *12*(1), 12-14.

Francis, R. W. (2016). Promoting learning through the IER model of reflection. In Blyth, B., Sweet, C., & Carpenter, R. (Eds.), *It Works for Me, Metacognitively*. Stillwater, Oklahoma: New Forums Press.

Francis, R. W., & Deschaine, M. E. (2016). Building sustainable professional development school partnerships. Annual Meetings of the Michigan Academy, Saginaw Valley State University, March 4, 2016. Michigan Academician, 44(2), 120-121. doi: http://dx.doi.org/10.7245/0026-2005-44.2.85

Francis, R.W. (2015). Demonstrating pre-service teacher learning through engagement in global field experiences. *Universal Journal of Educational Research*. Horizon Research Publishing, New York, New York. Fall 2015. Vol 3(11), pp 787-792.

Francis, R.W. (2015). Demonstrating student learning through global field experiences. *Asian Journal of Education and E-learning,* 3(3).

Francis, R.W. (2015). Using instructional technology in teacher preparation: A comparison of global teacher preparation. *International Journal of Humanities, Social Sciences, and Education*, *2*(4), 186-192.

Francis, R.W., Davis, MJ, & Hummiston, J. (2014). Engaging students in large classes through the use of Blended Learning Instructional Strategies (BLIS). A chapter in Practical *Applications in Blended Learning Environments* (pp 213-224). Hershey, PA: IGI Global Publishers.

Dirkin, K.H., & Francis, R.W. (Spring 2013). Supervising outside the textbox. *The Field Experience Journal*, *11*(1).

Francis, R.W., Corbett, L.C., & Magarrey, M.L. (December, 2012). The American Professoriate: A status check of factors and perceptions. *World Journal of Education*, *2*(6).

Francis, R. W. (2012). Enhancing teaching and learning through the integration of Blended Learning Instructional Strategies (BLIS) in the classroom. *Journal of Applied Learning Technology*, *2*(2).

Francis, R.W. (2012). Engaged: making large classes feel small through blended learning Instructional strategies (BLIS) that promote increased student performance. *Journal of College Teaching and Learning, 9* (9).

Francis, R.W. (2012). Using four blended learning strategies (BLIS) to enhance student teacher performance. The Field Experience Journal. Slippery Rock State University. Slippery Rock, PA. Vol. 9(1).

Francis, R.W. (2011). Making large classes seem small. A paper presented at the 8th Annual Lilly

Conference on College and University Teaching. Traverse City, MI.

Corbett, L.J., & Francis, R.W. (Fall, 2009). A dozen do's for planning international field experiences. *The Field Experience Journal, 4*(3).

Francis, R.W. & Knepper, E.A. (Winter, 2008). Using concept maps to promote student teachers' growth and success. *The Field Experience Journal, 1*(1), 1-8.

Francis, R.W. (Winter, 2008). Using Marzano's nine strategies to guide the supervision process: A Personal Essay. *The Field Experience Journal, 1*(1), 80-84.

Francis, R., & Underhill, R. (1996). A procedure for integrating math and science units. *School Science and Mathematics, 96*(3),114.

Presentations

Refereed National or International

Francis, R.W., & Deschaine, M.E. (2018, February). *Comparing apples and oranges: scaling for meaningful assessment and evaluation.* Presented at the American Association of Colleges of Teacher Education (AACTE) 70th Annual Meeting. Baltimore, Maryland.

Francis, R.W., Deschaine, M.E., & Rouech, K.E. (2018, February). *Using student generated concept maps for evidence of student performance, faculty effectiveness, and accreditation*. Presented at the 98th Annual National Conference of the Association of Teacher Educators (ATE). Las Vegas, Nevada.

Francis, R.W., & Deschaine, M.E. (2018, February) *Comparing apples to oranges: Using academic scaling for meaningful assessment and evaluation.* Presented at the 98th Annual National Conference of the Association of Teacher Educators (ATE). Las Vegas, Nevada.

Francis, R.W., Deschaine, M.E. & Weible, J.L. (2018, January). *How to use technology-based concept mapping*. Presentation at the 38th National Future of Technology Education Conference. Orlando,
Florida.

Francis, R.W. (2018, January). *Using authentic assessments to promote candidate learning and demonstrate effective teaching in higher education*. Presentation at the 2018 Annual Internal Conference of the Association for Science Teacher Education (ASTE). Baltimore, Maryland.

Francis, R. W., Weible, J., & Deschaine, M. E. (2017, October). *Building an online classroom community through asynchronous and synchronous strategies.* Presentation at the Magna Teaching with Technology Conference 2017, Baltimore, MD.

Deschaine, M. E., & Francis, R. W. (2017, October). *Knowledge management to increase effective differentiation in instruction and assessment.* Two sessions presented at the 2017 Michigan Associations of State and Federal Program Specialists (MAS/FPS) 2017 Fall Institute, Traverse City, MI.

Francis, R. W. & Deschaine, M. E. (2017 August). *Effective succession planning for educational administrative staff*. Presentation at the 2017 National Council of Professors of Educational Administration (NCPEA) Annual Conference, San Juan, PR.

Francis, R. W. & Deschaine, M. E. (2017 July). *Promoting graduate learning through the asynchronous & synchronous communication cycle.* Presentation at the Second Canadian International Conference on Advances in Education, Teaching & Technology 2017. Toronto, ON. Canada

Francis, R. W. & Deschaine, M. E. (2017 June). *Planning for Instructional Flipping into Practice (IFLIP) utilizing Process Improvement Guidelines (PIG).* Presentation at the Society for Teaching and Learning in Higher Education Annual Conferences. Halifax, Nova Scotia, Canada.

Deschaine, M. E. & Francis, R. W. (2017 April). *Instructional Flipping into Practice (IFLIP)*. Presentation at the Online Learning Consortium's OLC Innovate 2017. New Orleans, Louisiana. 2017

Recognition of Research.

Francis, R.W. & Garner, G.M. (2017, April). *Welcome to the machine: A meta-analysis of teacher education faculty accreditation practices and responses.* A presentation in the special poster session titled "Examinations of Faculty Motivation and Engagement Within Current Socio-Political Contexts for Teacher Education Reform" at the AERA 2017 Annual Meeting. Austin, Texas.

Francis, R.W., Deschaine, M.E., & Garner, G.M. (2017 March) *Two effective strategies to demonstrate candidate impact in P-12 settings.*T A presentation at the 2017 Spring CAEP Conference. St Louis, Missouri.

Deschaine, M.E., & Francis, R.W. (2017, April). *Instructional Flipping Into Practice (IFLIP).* A presentation at the 2017 Online Learning Consortium (OLC) Innovate Conference. New Orleans, Louisiana.

Francis, R.W., & Goward, S.R. (2017, March). *NGSS three-dimensional learning: Using student developed games to explore ecosystem relationships.* Presented at the 2017 Annual National Science Teachers Association (NSTA) Conference. Los Angeles, California.

Francis, R.W. & Goward, S.R. (2017, March). *NGSS three-dimensional learning: Using an interactive planning matrix to plan for enhanced learning.* Presented at the 2017 Annual National Science Teachers Association (NSTA) Conference. Los Angeles, California.

Francis, R. & Deschaine, M. E. (2016, November). *Using process improvement guidelines to engage adult learners.* Presented at the Council on Adult and Experiential Learning, Chicago, IL.

Francis, R.W. & Garner, G.M. (2016, October). *Concept maps, promotion, and tenure: Demonstrating effective faculty teaching performance through authentic student assessments.* Presentation at the 2016 National Assessment Institute. Indianapolis, Indiana. (October 16, 2016).

Francis, R. & Deschaine, M. E. (2016, November). Using process improvement guidelines to improve program design through articulated evaluation. Presentation at the American Evaluation Association Annual Conference, Atlanta, GA.

Francis, R. & Deschaine, M. E. (2016, June). *Let's chat: Improving learning through communication in blended and online learning settings.* Presented at the Society for Teaching and Learning in Higher Education Conference, London, ON. Canada.

Deschaine, M. E. & Francis, R. (2016, July-August). *Using process improvement guidelines to improve urban school program design and development.* Presented at the Annual Conference of the National Council of Professors of Educational Administration (NCPEA), Detroit, MI.

Francis, R. & Deschaine, M. E. (2016, June). *Enhanced graduate learning through the asynchronous & synchronous communication cycle.* Presented at the Society for Teaching and Learning in Higher Education Conference, London, ON. Canada.

Francis, R.W., & Deschaine, M.E. (2016, June). *School discipline: Using process improvement guidelines and reflective practice to improve student learning and engagement.* Presented at the 2016 National Conference on School Discipline. Atlanta, Georgia. June 19, 2016.

Francis, R.W. (2016). *Using process improvement guidelines to engage adult learners in the prior learning process and improve candidate portfolio performance.* Presented at the 2016 National Institute on the Assessment of Adult Learning. Philadelphia PA. June 9-10, 2016.

Francis, R.W., & Goward, S.R. (2016). *Marble maniacs.* Presented at the 2016 annual national conference of the National Science Teachers' Association. Nashville TN. March 31 – April 3, 2016.

Francis, R.W., Corbett, L.C., Corbett, K.L., & Deschaine, M.E. (2016). *Building a sustainable school partnership.* Presented at the National Association of Professional Development Schools Conference. Washington, DC. March 5, 2016.

Francis, R. W. (2016). *The use of technology in the global preparation of teachers.* Presented at the

Association for Teacher Educators (ATE) Annual National Conference. Chicago, Illinois. February 14 – 16, 2016.

Francis, R. W., & Deschaine, M.E. (2016). *Using curriculum mapping to impact program evaluation and promote academic change.* Presented at the 68th annual national meeting of the American Association of Colleges for Teacher Education (AACTE). Las Vegas, Nevada. February 23-25, 2016.

Francis, R. W. & Deschaine, M. E. (2016 February). *Using process improvement guidelines to improve school planning and impact learning.* Presented at the 96th Annual Conference of the Association of Teacher Educators (ATE) Conference, Chicago, IL.

Francis, R.W., & Babcock, R. (2015). *Using a systematic approach to supporting adult learners in PLA.* Presented at the 2015 Annual Conference for the Council for Adult and Experiential Learning. Baltimore, Maryland. November 19-23, 2015.

Francis, R.W. & Babcock, R. (2015). *Using adult learning principles to evaluate the prior learning process and improve candidate portfolio performance.* A paper presented at the 2015 National Institute on Assessment of Adult Learning. Philadelphia, PA. June 2-4, 2015.

Francis, R.W. (2015). *Demonstrating student learning through short-term global field experiences.* Presented at the 2015 Asia-Pacific Teaching Professor Conference. Osaka, Japan. March 22-24, 2015.

Francis, R.W. (2014). *Concept maps, promotion, and tenure: Demonstrating effective faculty teaching performance through authentic student assessments.* Presented at the 34th Annual Lilly Conference on College Teaching. Oxford, OH. Nov. 20-23, 2014.

Corbett, L.C., & Francis, R.W. (2014). *Effective teaching in the college classroom: A study of tenure and non-tenure faculty performance.* Presented at the 34th Annual Lilly Conference on College Teaching. Oxford, OH. Nov. 20-23, 2014.

Francis, R.W. (2014). *Authentic assessment results in compressed blended learning environments using learner generated concept maps.* Presented at the 2014 Council for Adult And Experiential Learning (CAEL) Annual Conference. Chicago, IL. Nov. 13, 2014.

Francis, R.W. (2014). *Demonstrating student learning through global field experiences*. Presented at the London International Conference on Education (LICE_2014). London, England. Nov. 9 -12, 2014.

Dirkin, K.H., & Francis, R.W. (Spring 2013). Supervising outside the textbox. *The Field Experience Journal.* Slippery Rock State University. Slippery Rock, PA. Vol. 11(1).

Mackey, M.M., & Francis, R.W. (2013). *Concept maps and prior learning portfolios: Development equals a perfect match*. Presented at the 2013 Council for Adult and Experiential Learning (CAEL) annual conference. San Diego, CA. November 6-8, 2013.

Francis, R.W. (2013). *Achieving academic success through concept mapping strategies.* Presented at the Teaching Academic Survival and Success conference. Ft. Lauderdale, FL. March 17-20, 2013

Francis, R.W., & Davis, M.J. (2013). *Using digital collaboration to enhance learning and promote student success.* Presented at the New Learning Technologies Conference. March 8, 2013.

Francis, R.W., & Davis, M.J. (2013). D*igital collaboration to promote learning in Social Studies.* Presented at the 2013 International Society for the Social Studies Conference. Orlando, FL. February 28 – March 1, 2013.

Francis, R.W., & Davis, M.J. (2013). *Digital collaboration for student success*. Presented at the National Alternative Education Association Conference. Atlanta, GA. February 7, 2013.

Francis, R.W. (2012). *Using blended learning instructional strategies to support problem based learning.* Presented at the 9th Annual Sloan Consortium Blended Learning Conference. Milwaukee. WI. April 23-24, 2012.

Francis, R.W. (2012). *Using student developed concept maps to promote democratic education.*

Presented at the 20th annual International Democratic Education Conference. March 24 -31, 2012. Caguas, Puerto Rico.

Francis, R.W., & Davis, M.J. (2012). *Engaging students in large classes through the use of Blended Learning Instructional Strategies (BLIS).* Presented at the 23rd International Conference of the Society for Information Technology and Teacher Education. March 5 – 9, 2012. Austin, TX.

Francis, R.W. & Reuter, M.A. (2012). *Effective authentic student assessment in the blended learning environment.* Presented at the 2012 Michigan Association for Computer Users in Learning conference. Grand Rapids, MI. March 7-9, 2012.

Francis, R.W. (2012). *Engaged: making large classes feel small through blended learning instructional strategies (BLIS) that promote increased student performance.* Presented at the 2012 Orlando International Academic Conference in Orlando, FL. January 2-4, 2012.

Corbett, L.J., Francis, R.W., & Magarrey, M.M. (2011). *Revisiting the role of the American Professorate.* Presented at the 2011 Annual Meeting of the Association of University Professors. November 11 – 13, 2011. Washington, DC.

Francis, R.W. (2010). *Concept maps as meaningful tools to promote effective teaching and learning in teacher education.* Published in the conference proceeding from a presentation at The 2nd East Asian International Conference on Teacher Education Research. Hong Kong, China. December 15 – 17, 2010.

Francis, R.W., Corbett, L.J., & Magarrey, M.L. (2010). *The American Professoriate: Boyer revisited.* Published in the conference proceeding from a presentation at The 2nd East Asian International Conference on Teacher Education Research. Hong Kong, China. December 15 – 17, 2010.

Francis, R.W., & Corbett, L.J. (2010). *Planning effective international field experiences: A dozen tips for successful program development.* Presented at the National Student Teaching Supervision Conference. Slippery Rock, PA. (May 2010)

Francis, R.W. and Field, T.T. (March 2008). P*romoting learning through concept map analysis.* Presented at the annual meeting of the American Educational Research Association. New York. (Session 33.0.40)

Francis, R.W. (May, 2008). *Effective strategies for conferences during the student teaching experience.* Presented at the annual meeting of the National Student Teaching Conference. Slippery Rock State University.

Refereed Regional, State, or Local

Francis R. & Deschaine, M. E. (2016, May). Process improvement guidelines: Promoting student learning by coordinating blended learning and problem-based learning (PBL) strategies. Presented at the 9th Annual Great Lakes Conference on Teaching & Learning, Mount Pleasant, MI.

Deschaine, M. E. & Francis, R. W. (2016, March). *Building a sustainable professional development school partnership*. Presented at the Michigan Academy of Science, Arts, and Letters Conference, University Center, MI.

Francis, R. & Goward, S. (2016, December). *Marble maniacs.* Presented at the National Science Teachers Association Regional Conference. Columbus, Ohio.

Francis, R.W., & Deschaine, M.E. (2016). *A model for implementing a sustainable Professional Development School.* A paper presente Annual Conference. Saginaw MI. March 4, 2016

Francis, R.W., & Davis, M.J. (2013). *Enhancing learning and teaching through digital collaboration.* Presented at the 2013 Michigan Association for Computer Users in Learning Conference. Detroit, MI. March 20-22, 2013.

Francis, R.W. (2011)*. Making large classes seem small.* Presented at the 8th Annual Lilly Conference on College and University Teaching. Traverse City, MI. (Session 11h).

Davis, M.J., & Francis, R.W. (2011). *Effective teaching strategies in the age of easy Internet access.*

Presented at the 8th Annual Lilly Conference on College and University Teaching. Traverse City, MI. (Session 19e).

Davis, M.J. & Francis, R.W. (2011). *A top ten list of effective teaching strategies in the age of easy Internet access.* Presented at the 4th Annual Great Lakes Conference on Teaching & Learning. Mt Pleasant. MI. May 11 – 13, 2011.

Francis, R.W. (2011). *Connecting formative and summative assessment to meaningful program assessment through a matrix planning approach.* Presented at the 34th annual conference of the Eastern Education Research Association. Sarasota, FL. February 23 – 26, 2011.

Francis, R.W. (2011). *Concept maps as meaningful tools to promote effective teaching and learning in undergraduate education*. Presented at the 34th annual conference of the Eastern Education Research Association. Sarasota, FL. February 23 – 26, 2011.

Francis, R.W. (2011). Demonstrating the scholarship of teaching and learning through student generated concept maps. Presented at the 4th Annual Great Lakes Conference on Teaching & Learning. Mt Pleasant. MI. May 11 – 13, 2011

Francis, R.W. (2010). *Concept maps: Effective evidence-based classroom tools.* Presented at the annual national meeting of the 7th Annual Lilly Conference – Traverse City. (Session 10:F).

Francis, R.W. (2010). *Using concept maps for effective individual and group assignments.* Presented at the Great Lakes Conference on Teaching and Learning. Mt Pleasant, MI (Session 14:A)

Corbett, L.J., Magarrey, M.L., & Francis, R.W. (May 2009). *Priorities of the Professoriate: A reconsideration of the research of Charles Boyer.* Presented at the 2009 Scholarship of Teaching and Learning Academy. Ypsilanti, MI. May 19 & 19, 2009.

Non-refereed Regional, State, and Local

Francis, R. & Deschaine, M. E. (2016, June). *Process improvement guidelines: An intentional strategy for developing credible and trustworthy assessment practices.* Presented at the Directors and Representatives of Teacher Education Programs Annual Conference, Holland, MI.

Francis, R.W. (2013). *Reaching all students.* Presented at the 2013 Midland City Education Association. Midland, MI. March 9, 2013.