

Beth Kania-Gosche, PhD

Academic Degrees

- Ph.D. Saint Louis University
Educational Studies: Curriculum and Instruction
- M.Ed. University of Missouri – Columbia
Curriculum and Instruction
- B.S. Southeast Missouri State-Cape Girardeau
English Education, *Magna Cum Laude*

Leadership Experience

Founding Chair, Department of Teacher Education and Certification, July 2019-present
Missouri University of Science & Technology

Responsibilities

- Manage budget for department and grants
- Create efficient course schedule in coordination with other departments
- Annually evaluate faculty, facilitate promotion process as applicable
- Supervise department staff as well as directors of the South Central Regional Center for Professional Development (20+ FTE), STEM Center (6 FTE), and Child Development Center (12+ FTE) staff
- Coordinate transfer equivalencies and articulation agreements with two year colleges to increase enrollment
- Chair Teacher Education Advisory Council, which includes representatives from content departments
- Facilitate outreach and partnerships with local rural school districts, including provisional certification for student teachers, field trips, field experiences, opportunities, and grant funding
- Develop and implement department strategic plan in alignment with university strategic plan for new programs
- Teach one course a semester

Accomplishments

- Wrote successful proposal for B.S. in Education for submission to curriculum committee and Missouri Department of Higher Education
- Received approval for middle school certification program from Missouri Department of Elementary and Secondary Education
- Created guidelines for workload, promotion and tenure for new department
- Collaborated with faculty on curriculum mapping using program data, resulting in course revisions and curricular changes
- Create student advisory board for input on recruitment and retention initiatives
- Hired two new faculty and wrote MOU for shared faculty member with University of Missouri Extension
- Established Rural Teacher Scholarship campaign and successfully raised funding so students did not pay out of pocket for test fees or background check clearances

- Co-wrote successful \$2.7M grant for new childcare center on campus, contributed to building renovation plans and led search committee for director
- Wrote successful state grant for \$380,000 to create a STEM Education Center on campus, contributed to renovation plans and led search committee for director
- Developed new dual credit partnerships with local school districts using Grow Your Own Teacher state grant funding

Associate Dean, School of Education, Lindenwood University August 2016-Nov. 2018

- With department chairs, annually reviewed 36 faculty members using an evidence-based system with a self-evaluation and rubric co-written with faculty
- Supervised two administrative assistants, two staff positions within the Office of Field and Clinical Experiences, as well as the Certification Officer
- Participated in hiring process for full time and contingent faculty compliance with university policies
- Budget oversight for \$7.2M for 2017-18
- Resolution of student complaint resolution and documentation

Accomplishments

- Created partnerships with area school districts, resulting in more diverse placements for teacher candidates and increased enrollment by creating cohorts for school district paraprofessionals and teachers
- Collaboratively wrote initial reports required for Illinois State Board approved provider status for elementary education, school counseling, and K-12 physical education.
- Facilitated creation and approval of online MA degrees for existing emphasis areas including reading specialist, gifted certification, and educational technology.
- Used certification assessment data to revise middle school social science and language arts programs, in collaboration with content departments
- Created new early access option for undergraduate students to take up to nine hours of graduate credit as recruitment initiative
- Created of Advising, Retention, and Certification Center for School of Education based on data from institutional Assessment Summit
- Launched IDEA Studio with full time staff member to offer educational technology training to students and faculty

Assistant Dean of Accreditation & Faculty Development August 2013-August 2016

School of Education, Lindenwood University

- Led efforts for national TEAC/CAEP accreditation of initial teacher education programs
- Supervised staff positions of Director of the Office of Field and Clinical and Certification Officer
- Facilitated completion of annual reporting requirements for the institution, state annual performance report for educator preparation, and federal government (Title II)
- Served as liaison to Missouri Department of Elementary and Secondary Education and documented all program changes
- Facilitated institutional program review process in collaboration with school and

- program leadership
- Analyzed employment data, alumni survey data, and employer data to provide to SoE faculty, other content departments, Office of Institutional Research, Career Services, and other relevant campus offices
- Provided professional development to faculty regarding assessment, national accreditation requirements, state certification changes, etc.
- Provided training to faculty for new course management system, Canvas, as well as Foliotek and other SoE-specific technology initiatives

Supervisor of Graduate Research, EdD Program

June 2010-July 2013

Lindenwood University

- Facilitated EdD faculty review of dissertation prospectus and IRB applications in weekly meetings
- Revised and regularly evaluated final dissertation writing course (EDA 77500) in the program
- Held dissertation chair training workshops
- Taught and guest lectured in EdD research courses
- Created summer “boot camps” and other interventions that reduced the number of ABD students by half in two years

Teaching Experience

Missouri University of Science & Technology

2019-present

Professor

- EDUC 3216 Reading in the Content Area: revised course based on data from first year teacher survey and principal survey, student teaching rubric scores, and advisory board feedback
- EDUC 3340 Assessment for Student Learning; revised course based on data from first year teacher and principal survey, student teaching rubric scores, and advisory board feedback

Saint Louis University

2019

Adjunct Professor

- EDI 3320 Reading and Writing in the Content Fields
- EDI 4420 Assessing Classroom Performance: revised course in collaboration with full time faculty based on data from students and stakeholders

Lindenwood University, EdD Program

2009-2018

Rank of Professor Received in 2018

Rank of Associate Professor Received in 2013

- Served as dissertation chair for 15 EdD graduates
- Served on EdD dissertation committees for over 50 EdD graduates
- EDA 75000 Capstone I (3 credit hours): co-taught face-to-face with EdD faculty (Fall 2013, Fall 2018)
- EDA 77500 Capstone III (6 credit hours): co-taught face-to-face with EdD department chair and other EdD professors, revised course to be an andragogical model with a series of workshops based on student need, arranged for All But

Dissertation students to attend necessary workshops to receive support (Fall 2009, Spring 2010, Fall 2011, Spring 2012, Spring 2013, Spring 2014, Fall 2014, Fall 2015, Spring 2016)

- EDU 57000 Educational Research Methods (3 credit hours): created key assessment with rubric for final assignment (Summer 2009, Fall 2009)

Saint Louis University, English Education Visiting Instructor 2007-2009

- Supervised secondary and middle school English student teachers
- Taught the following courses:
 - EDI 310 Reading and Writing in the Content Field (Fall 2008)
 - ENG 487 Adolescent in American Literature (Fall 2008, Fall 2007)
 - ENGL 402 Introduction to Writing Instruction: Secondary (Spring 2009, Spring 2008))
 - EDI 310 Secondary Methods/Practicum Teaching English (Spring 2009, Fall 2008, Fall 2007)
 - EDI 351 Middle Methods/Practicum Language Arts (Spring 2009, Fall 2008)
 - EDF 424 Growth, Development, and Learning (Spring 2009)

Saint Louis University, Graduate Teaching Assistant 2006-2007

- Taught EDF 424 Growth, Development, and Learning (Fall 2006, Spring 2007)
- Taught Portfolio I and Portfolio II (Fall 2006, Spring 2007)

English Teacher, Sainte Genevieve High School 2003-2006

Service and Advocacy for the Profession

Missouri Advisory Council for Certification of Educators (MACCE) 2022-present

- Selected to represent EPPs to provide feedback to Missouri Board of Education

Missouri Team Member, Path Forward Literacy Initiative 2021-2022

- Selected to represent EPPs on team with state agency leaders, state board of education members, and legislators
- Attended national and state meetings monthly
- Contributed to Missouri's action plans and budget for new literacy initiative

AAQEP Site Visitor 2019-present

- Reviewed accreditation reports and provided feedback
- Participated in online site visits
- Completed annual required training

Missouri Association of Colleges for Teacher Education 2016-present

- President 2018-2021, pivoted chapter conference to online, organized Outstanding Beginning Teacher awards, collaborated with DESE on changes in cumulative GPA requirements and program revision process
- President-elect 2017-2018, duties include running two conferences per year, initiated monthly Zoom meetings for more effective communication

- Elected to one year term to serve as Board Member representing Missouri private institutions for 2016-17
- Wrote letter of concern/white papers related to the Missouri EPP-APR, cumulative GPA requirements, and other advocacy items resulting in changes to state policy for a more diverse teacher workforce
- Attended AACTE State Leaders Institute in Washington, D.C. and virtually

Missouri Teacher Candidate Evaluation Rubric Workgroup 2013-present

- Co-lead of workgroup to create instrument used statewide for student teacher evaluation
- Created online calibration training for cooperating teachers and university supervisors
- Assisted with content validity study for instrument

Missouri Educator Preparation Program Annual Performance Report Workgroup

- Co-leader of workgroup to revise the Missouri EPP report card, released for the first time publicly in 2017
- Presented on report card redesign to different constituent groups to gather feedback
- Collaborated with state agency officials on interim report card and complete redesign

Network for Transforming Educator Preparation (NTEP) 2016-2018

- Selected by Assistant Commissioner of MODESE to participate in monthly state meetings and national conference for collaboration between state agencies and IHEs.
- Attended national convening in Kansas City, MO in May 2016 and Portland, OR in December 2016, Denver in 2018, and Jacksonville, FL in 2019

Council for Accreditation of Educator Preparation Site Visitor 2016-2018

- Trained through a series of webinars and face-to-face meetings to become a site visitor for the national accrediting body for educator preparation.
- Participate in site visits once or twice a year

Missouri General Education Assessment Standard Setting Panel Nov. 2015

- Contributed to panel-recommended cut score; one of 20 in the state of Missouri invited to participate in this full day event.

Missouri Content Assessment Standard Setting Panel August 2014

- Contributed to panel-recommended cut score for the Secondary English MoCA: one of five in the state of Missouri invited to participate in this full day event.

University Service

- **College of Arts, Sciences, and Education Associate Dean Search Committee (2022)**
- **College of Arts, Sciences, and Education Research Task Force (2022)**
- **University of Missouri Workforce Development Team (2020-present)**

System-wide committee to partner universities with local communities for pilot workforce development projects

- **Missouri S&T Committee on Effective Teaching, Ex Officio Member (2020-present)**
Contributed to revised student evaluation instrument and expanded evidence for teaching category in promotion and tenure process
- **Missouri S&T Assessment Committee (2021-present)**
Assisted in creation of annual assessment report template completed by all programs to address HLC feedback
- **Missouri S&T Engagement Council (2020-present)**
Collaborated with other faculty on outreach and engagement events and communication
- **Missouri S&T Academic Planning Committee (2020-2021)**
Participated in Graduate Education subcommittee, assisted with drafting report outlining future academic initiatives across campus
- **Missouri S&T Search Committee for Vice Provost of Corporate Education (2020)**
Helped draft job description, reviewed CVs and materials, and participated in interviews for the newly created position.
- **Missouri S&T Search Committee for Writing Center Director (2020)**
Helped draft job description, reviewed CVs and materials, and participated in interviews
- **Missouri S&T General Education Oversight Committee (2019-present)**
Participated in new committee charged with creation of standardized general education curriculum for the entire campus
- **Lindenwood University HLC Criterion 4 Work Team (2015-2018)**
Wrote narrative and selected evidence for Criterion 4. Provided evidence for alumni outcomes and employer satisfaction during HLC site visit
- **Lindenwood University Gallup Survey Task Force (2015-2017)**
Analyzed data, created supplemental questions, and crafted resources to share with faculty and other stakeholders.
- **Lindenwood University General Education Revision Task Force (2015-2016)**
Negotiated revised general education curriculum to meet 42 hour requirement by state, end result was more transfer-student friendly and flexible.
- **Lindenwood University Institutional Learning Outcomes Revision Task Force (2015-16)**
Aligned outcomes with Missouri general education framework, Degree Qualifications Profile, and other documents.
- **Lindenwood University Assessment Committee (2013-2018)**
Facilitated School of Education sessions at Annual Assessment Summit. Assisted with planning of annual institutional Assessment Summit. Provided feedback for institutional Assessment Plan. Collaborated with School of Education faculty program leaders to prepare annual assessment reports.
- **Lindenwood General Education Assessment Sub-Committee (2013-2018)**
Collaborated to review results from general education assessment, create a plan for pilot and phase-in assessment of new ILOs using Canvas, integration of

AAC&U Value Rubrics.

- **Lindenwood Institutional Review Board Member and Chair** (2012-2014)
Wrote handbook and revised forms to be more streamlined. Introduced IRBNet, online system for IRB submission.
- **Lindenwood University Student Research Symposium & Exposition Committee** (2012-2014)
- **Lindenwood University Catalog Committee Representative** (2009-2013)

Grants

Kania-Gosche, B. & Gillis, M. (2022). Missouri S&T Education Dual Enrollment Pilot. Missouri Department of Higher Education and Workforce Development. \$21,000. Submitted.

Alexander, J. & Kania-Gosche, B. (2022). Missouri S&T Science of Reading Child Development Center Initiative. Missouri Department of Elementary and Secondary Education. \$25,000. Submitted.

Kania-Gosche, B. (2022). Missouri S&T teacher recruitment grant. Missouri Department of Elementary and Secondary Education. \$20,000. **Funded.**

Grubbs, G., Rivera, A., Sweeney H. , Zwickelmaier, W., Jones, C., Kania-Gosche, B. (2022). Missouri S&T Upward Bound. \$1,437,685. Not funded.

Kania-Gosche, B. (2021). Build it green! Energy education through green building design. National Science Foundation. Consultant, \$69,446.00. Funded.

Chen, G., Myers, J., El Gawady, M., Guirong, Y., Long, S., **Kania-Gosche, B.**, et al. (2022). Inspecting and Preserving Infrastructure through Robotic Exploration. Department of Transportation. \$1,401,000. Submitted. (6% effort)

Kania-Gosche, B., Duvernell, D., Vojta, T., Glaser, R., Drowne, K., & Stotler, G. (2021). NSF Noyce Teacher Scholarship Track 1: A Rural STEM Education Ecosystem for Teacher Recruitment. National Science Foundation Division of Undergraduate Education. \$1,449,383. Not funded. Resubmitted 2022. (70% effort).

Henslee, A., Libre, N.A., Burns, D. & **Kania-Gosche, B.** (2021). Providing Criterion Validity for Student Evaluations of Teaching. National Science Foundation Division of Undergraduate Education. \$149,936. Not funded. Resubmitted 2022 (15% effort).

Schuman, J., Schwartze, M., Kwasa, B., & **Kania-Gosche, B.** (2021). Exploring STEM Barriers for Rural Students. \$4,500. Missouri S&T Center for Advancing Faculty Excellence Education Mini-grant. Funded.

Liou, F., Newkirk, J., Sarangapani, J., Leuking, A. & **Kania-Gosche, B.** (2020). FMRG: Cyber-based Eco Remanufacturing and Manufacturing (CER-M) Processes.

National Science Foundation Division of Civil, Mechanical, and Manufacturing Innovation. \$3,094,388. Not funded, resubmitted 2021. (10% effort).

Grote, K., Borrok, D., Schwartze, M. Meek, A., & **Kania-Gosche, B.** GP-IN: Getting your feet wet: Advancing geoscience education using water-based field experiences. National Science Foundation. Improving Undergraduate STEM Education: Pathways into the Earth, Ocean, Polar, and Atmospheric & Geosciences. \$316,633. **Funded.** (20% effort).

Chen, G., Wunsch II, D., Sajal, D., Guirong, Y., Shank, D., Hu, W., Liu, J., Yang, W. **Kania-Gosche, B.** (2020). AI Institute: Artificial Intelligence in Transportation-Autonomous Infrastructure Networks (AI-TRAIN). National Science Foundation Division of Information and Intelligent Systems. \$19,960,454. Not funded. (9% effort).

Roberts, S., Northcut, K., Stone, F. **Kania-Gosche, B.**, et al. (2020). Little Miners Child Care Center. Missouri Department of Health and Human Services University Campus Child Care Expansion. \$2,700,000. Funded. (goods and services grant)

Henslee, A., & **Kania-Gosche, B.** (2020). The Care Kit preliminary project: Family interest in receiving hygiene and personal care items via a community food backpack program. Center for Study of Science and Technology Seed Funding. \$1,388. (25% effort). Funded.

Liou, F., Newkirk, J., Sarangapani, J., Leuking, A. & **Kania-Gosche, B.** (2020). FMRG: Cyber-based Eco Remanufacturing and Manufacturing (CER-M) Processes. National Science Foundation Division of Civil, Mechanical, and Manufacturing Innovation. \$3,631,388. Not funded. (10% effort)

Cole, L. Zangori, L, **Kania-Gosche, B.**, Burken, J. (2020). Raising the Green Roof: An Elementary Water Cycle Unit. University of Missouri Strategic Investment Program Tier 3. \$75,000. Funded at \$35,000. (20% effort)

Kania-Gosche, B. (2019). Center for Educational Excellence in STEM. MoEXCELS, Missouri Coordinating Board for Education. \$380,000. (100% effort, goods and services grant). **Funded in 2021.**

Peer Reviewed Publications

Kania-Gosche, B. & Hull, S. (2021) Cultivating teacher leadership in rural school districts. *Empowering Formal and Informal Leadership While Maintaining Teacher Identity*. Hershey, PA: IGI Global.

Kania-Gosche, B., Wisdom, S., & Leavitt, L. (2012). “They didn’t teach them anything!”: Learning from each other in K-20. *Handbook of Research on Teaching and Learning in K-20 Education*. Hershey, PA: IGI Global.

Wang, V.C.X. & **Kania-Gosche, B.** (2012). Andragogy or pedagogy as a means to improve the workforce? *Handbook of Research on Technologies for Improving the 21st Century Workforce*. Hershey, PA: IGI Global.

Kania-Gosche, B. & Leavitt, L. (2011). A case study of an intervention to support Ed.D. students in dissertation writing. *International Journal of Adult Vocational Education and Technology*, 2 (4), 17-27.

Wang, V.C.X. & **Kania-Gosche, B.** (2011). Assessing learning via web 2.0 technologies: A dichotomy. *International Journal of Technology and Educational Marketing*, 1 (2).

Wang, V.C.X. & **Kania-Gosche, B.** (2011). Online instructors: Andragogical or pedagogical teaching? . *International Journal of Adult Vocational Education and Technology*, 2 (3), 12-29.

Wang, V. C. X & **Kania-Gosche, B.** (2011). Liberating online adult teaching and learning from the lens of Marx and others. *International Journal of Technology in Teaching and Learning*, 6(2), 89-102.

Kania-Gosche, B. (2011). Using an online discussion board to support dissertation writing for Ed.D. students. *Encyclopedia of E-Leadership, Counseling, and Training*. IGI Global.

Wang, V.C.X. & **Kania-Gosche, B.** (2010). Rethinking the right teaching methods that work for online learners. *International Journal of Adult Vocational Education and Technology*, 1 (3), 14-28.

Leavitt, L. & **Kania-Gosche, B.** (2010). National standards: Yesterday, today, and tomorrow. *Critical Questions in Education*, 1(2), 108-116.

Kania-Gosche, B. (2009) Using the principles of andragogy to teach writing effectively to graduate students online. In Wang, V.C.X. (Ed.) *Encyclopedia of Information Technologies and Adult Education Integration*. IGI Global.

Awards and Recognitions

Educator of Excellence, Missouri Association of Colleges for Teacher Education	2022
Presidential Engagement Fellow, University of Missouri System	2021-22
Missouri S&T Teaching Commendation	2019-20
Lindenwood University Assessment Champion	2017
Lindenwood University Scholar of the Year Award	2009
Gateway Writing Project Fellow, University of Missouri-St. Louis, MO	2006

Recent Training and Certificates

ACUE Effective Online Teaching Practices Certification (2020-21)
Leadership Development Cohort, University of Missouri System (2019-2020)
Google Educator Level 1 and Level 2 Badges (June 2018, June 2020)
Council for Independent Colleges Division Chair Training (June 2017)
Kansas Leadership Center Certificate Recipient (2016)

Selected National Presentations

Kania-Gosche, B. & Northcut, K. (2023). Supporting faculty, staff, and student-parents through cognitive, emotional, and behavioral engagement. Academic Chairpersons Conference. New Orleans, LA.

Kania-Gosche, B. & Gillis, M. (2023). Between a rock and a hard place: Undergraduate provisional teachers in rural schools. AAQEP Quality Assurance Symposium. Indianapolis, IN.

Fridley, D. & **Kania-Gosche, B.** (2020) Stronger Together: Collaborating with State Agencies to Develop Powerful Systems of Accountability. American Association of Colleges for Teacher Education, Atlanta, GA

Kania-Gosche, B. , Daniel, M., Ruetters, M., Hutcheson, J., & Ralston, J. (2019) Thinking like the business school: Paid internships for teacher education students. American Association of Colleges for Teacher Education. Louisville, KY

Wilson, D. & **Kania-Gosche, B.** (2016). Building a Culture of Continuous Improvement Through Faculty Development. Assessment Institute, Indianapolis, IN

Bice, C. & **Kania-Gosche, B.** (2016). Using Local Survey Data to Monitor and Improve the Implementation of Student Teaching and Field Experiences. Council for the Accreditation of Educator Preparation, San Diego, CO

Wittman, T., **Kania-Gosche, B.** & Sottile, J. (2015). The Development of Missouri's First Year Teacher Survey. Council for the Accreditation of Educator Preparation. Denver, CO

Selected Regional Presentations

Kania-Gosche, B., Grote, K., Borrok, D., Schwartze, M. Meek, A. (2022). Collaborating across colleges for rural science teacher training. Missouri Association of Colleges for Teacher Education. Virtual.

Kania-Gosche, B. & Schwartze, M. (2020). Using Flipgrid For Engaging and Inclusive Student Teaching. [Focus on Teaching and Technology Conference](#).

Kania-Gosche, B. (2019). More than field experiences: Using the MEES for lesson plans integrating critical thinking. Missouri Association of Colleges for Teacher Education. Lake Ozarks, MO.

Kania-Gosche, B. (2017). Triangulating data by standard. Missouri Association of Colleges for Teacher Education. Columbia, MO.

Fridley, D. & **Kania-Gosche, B.** (2016). Revising the Annual Performance Report. Missouri Association of Colleges for Teacher Education. Lake Ozarks, MO.

Aldridge, A., Schneider, N. & **Kania-Gosche, B.** (2016). More Than MoPTA: Student Teaching Seminar. Missouri Association of Colleges for Teacher Education. Columbia, MO.

Ruettgers, M. & **Kania-Gosche, B.** (2016). I didn't know! Communicating with Students. Missouri Association of Colleges for Teacher Education. Lake Ozarks, MO.

Invited Presentations

Kania-Gosche, B. (2021). The importance of STEM in rural elementary schools. Missouri Bicentennial Alliance Project.

Kania-Gosche, B. (2020). Assessment best practices. CAFE Seminar for New Faculty. Missouri S&T.

Kania-Gosche, B. (2020). Student Learning & Assessment. CAFE All-Campus Faculty Event. Missouri S&T.

Kania-Gosche, B. & Taylor, M. (2020). On becoming an academic leader. University of Missouri Leadership Development Program.

Kania-Gosche, B. (2020). Juggling life during the pandemic. Missouri S&T Inaugural Global Learning Speaker Series.

Kania-Gosche, B. (2020-21). Formative assessment for student engagement online. Graduate Teaching Assistant Workshop. Missouri S&T.

Kania-Gosche, B. (2019). The realities of STEM education in Missouri rural schools. University of Missouri System Research Summit.

Professional Academic Affiliations

- Past-President, Missouri Association of Colleges for Teacher Education (MACTE)
- American Association of Colleges for Teacher Education, Proposal Reviewer, 2017, 2019, 2020
- Association for the Study of Higher Education, Conference Proposal Reviewer, 2013

- Deans for Impact, Common Instrument System, 2019