



SEBASTIAN P. SZYJKA

Professor of Science Education
Western Illinois University
School of Education
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EDUCATION

Ph.D., Curriculum & Instruction (2009) Southern Illinois University – Carbondale
Dissertation: Cognitive And Attitudinal Predictors Related to Graphing Achievement Among Pre-Service Elementary Teachers

M.S., Education (2004) Western Illinois University

B.S., Recreation, Park, & Tourism Administration (1999) Western Illinois University

TEACHING & RELATED DUTIES

WESTERN ILLINOIS UNIVERSITY – Macomb,	2023-present
Professor of Science Education	
Director of Maurice Kellogg Science Education Center	2019-present
Science Education Center & C&I Program Webmaster	2018-present
Curriculum & Instruction Graduate Coordinator	2017-present
Masters of Art and Teaching Coordinator & Advisor	2023-present
<ul style="list-style-type: none">• CI 600: Graduate Seminar (Action Research) Capstone Project• CI 566: Trends/Issues in Elementary Education• CI 403(G): Middle Level Education• SCED 509: Inquiry into Science Assessment in the Elementary Classroom• SCED 562: Science Curriculum in the Elementary School• SCED 464: Integrating Science Through Inquiry• SCED 364: Elementary School Science Methods	

ADMINISTRATION

WESTERN ILLINOIS UNIVERSITY – Macomb, Illinois	2022-2023
Professor & Interim Director	
<ul style="list-style-type: none">• Overseeing and reviewing long-range school goals and objectives.• Recruiting new faculty and non-academic personnel.• Evaluating school members for retention or non-renewal of appointment.• Recommending tenure and promotion.• Preparing and administering the school budget.	

- Preparing schedules of courses and class assignments of school faculty.
- Supervising the development of school curriculum.
- Encouraging faculty members in the school to improve themselves professionally through study, research, and participation in professional organizations.
- Furnishing leadership for evaluation and improvement of instruction and academic advisement in the school.
- Serving as a review officer with regard to student grievances.
- Classroom teaching as appropriate and all other matters which affect the general welfare of the school.
- Convening school meetings on a regular basis.

TEACHING & RELATED DUTIES

WESTERN ILLINOIS UNIVERSITY – Macomb, Illinois	2016-2022
Associate Professor of Science Education	
Director of Maurice Kellogg Science Education Center	2019-2022
Science Education Center Webmaster	2019-2022
Curriculum & Instruction Graduate Coordinator	2017-2022
Undergraduate Program Coordinator	2019-2024
<ul style="list-style-type: none"> • Overall evaluation mean (33 courses): 4.44 • CI 600: Graduate Seminar (Action Research) Capstone Project • CI 566: Trends/Issues in Elementary Education • CI 403(G): Middle Level Education • SCED 509: Inquiry into Science Assessment in the Elementary Classroom • SCED 562: Science Curriculum in the Elementary School • SCED 464: Integrating Science Through Inquiry • SCED 364: Elementary School Science Methods • CI 110: Introduction to Education • ELED 371: Field Experience II 	
WESTERN ILLINOIS UNIVERSITY – Macomb, Illinois	2010-2016
Assistant Professor of Science Education	
Science Center Associate	
<ul style="list-style-type: none"> • Overall evaluation mean (35 courses): 4.56 • CI 600: Graduate Seminar (Action Research) Capstone Project • CI 403(G): Middle Level Education • SCED 509: Inquiry into Science Assessment in the Elementary Classroom • SCED 464: Integrating Science Through Inquiry • CI 110: Introduction to Education • SCED 364: Elementary School Science Methods • ELED 371: Field Experience II • CI 566: Issues and Trends in Elementary Education 	
CENTRAL MICHIGAN UNIVERSITY – Mt. Pleasant, Michigan	2009-2010
Assistant Professor of Science Education	
<ul style="list-style-type: none"> • EDU 345: Science Methods in Elementary Education • EDU 662: Applied Educational Measurement and Evaluation 	

SOUTHERN ILLINOIS UNIVERSITY – Carbondale, Illinois

2007-2009

Graduate Teaching Assistant

- CI 426: Science Methods for Elementary Teachers
- CI 498D: Workshop in Science Education

HARRISON SCHOOL DISTRICT TWO – Colorado Springs, Colorado

2002-2005

Grade 8 Science and Mathematics Teacher

PROFESSIONAL

GRANTS: \$1,763,891

- Mann, B., (PI), Brooks, S., Szyjka, S., Winters, J., & Pavez, J. (2022-2027). National Science Foundation. *Recruiting and Preparing Outstanding STEM Teachers for Placement in Rural Public Schools That Repairs and Sustains the Regional STEM Teacher Pipeline*. \$1,414,291
- Szyjka, S. (PI), (March, 2013). Tracy Family Foundation. *Curriculum Reconfiguration: Integrating Science and Literacy throughout St. Paul School (K-6)*. \$64,350
- Szyjka, S. (PI), Olsen, J., & Mumba, F. (2012-2013). Illinois State Board of Education MSP WIP 4, *Western Illinois Mathematics Teacher Transformation Institute (WI-MTTI)*. \$280,000
- Szyjka, S. (PI), (May, 2012). Western Illinois University – University Research Council Grant Program. *The Science Teacher Enhancement Pilot Project (STEPP)*. \$5,000
- Szyjka, S., & Stinnett, M. (November, 2011). *Illinois Association of Teacher Educators' Research Mini-Grant Program*. \$250

RESEARCH INTERESTS

- Psychometric Evaluation/Development of Science Education Instruments
- Teacher Education Accreditation

PUBLICATIONS: REFEREED

Szyjka, S. (in progress). Re-examining psychometric qualities of the three-dimensional elementary science attitude survey.

Szyjka, S. (2020). Logical Thinking as a Cognitive Flexibility Predictor on Reading Comprehension of Elementary Pre-Service Teachers. *Journal of European Education*. 10(1-2), 29-37.

Szyjka, S., Singh, A., & Stinnett, M. (2018). Perspective Into How an Integrated Science and Literacy Program Can Influence Teacher and Student Outcomes. *Journal of European Education*. 8(2), 14-36.

Szyjka, S. (2012). Relationships among pre-service elementary education teachers' mathematical achievement, science-based cognition and attitude. *Journal of European Education*. 2(1), 40-55.

Szyjka, S. (2012). Understanding research paradigms: Trends in science education research. *Problems of Education in the 21st Century*. 43(3), 110-118.

- Szyjka, S., & Mumba, F. (2012). Psychometric reconstruction of the inquiry science teaching strategies (ISTS) instrument. *Journal of Baltic Science Education*. 11(1), 55-66.
- Szyjka, S., Mumba, F., & Wise, K. (2011). Confirmatory factor analysis of the questionnaire of attitude toward statistical graphs for use in science education. *Journal of Baltic Science Education*. 10(4), 261-276.
- Szyjka, S., Mumba, F., & Wise, K. (2011). Cognitive and attitudinal predictors related to line graphing achievement among elementary pre-service teachers. *Journal of Science Teacher Education*. 2(23), 563-578.
- Szyjka, S., & Mumba, F. (2009). Preparing science teachers for inclusive classrooms: Components of a suggested model for science teacher training. *Southeastern Teacher Education Journal*. 2(4), 1-12.

PUBLICATIONS: NON-REFEREED

- Szyjka, S. (2012). Learning Cycle for Literacy. *Illinois Reading Council Journal*. 41(1), 73-77.

CONFERENCE PRESENTATIONS: REFEREED

- Szyjka, S. (January, 2021). *Promoting Diversity in Elementary Science Education*. Presented (see PDF page 9 in conference program) at The Hawaii International Conference on Education in Honolulu, HI.
- Szyjka, S., & Singh, A. (January, 2020). *Designing appropriate STEM activities that align to NGSS: Collaboration is key to the process*. Round table discussion presented at The Hawaii International Conference on Education in Honolulu, HI.
- Szyjka, S., & Singh, A. (January, 2020). *Re-examining psychometric qualities of the three-dimensional elementary science attitude survey*. Poster presented at The Hawaii International Conference on Education in Honolulu, HI.
- Szyjka, S., & Powers, D. (April, 2019). *STEM-Related Activities for K-8 Science* at National Science Teachers Association 2019 St. Louis. MO.
- Szyjka, S., & Singh, A. (April, 2019). *Science Activities to Develop Deeper Conceptual Understanding* at National Science Teachers Association 2019 St. Louis. MO.
- Szyjka, S. (April, 2019). *Engineering Designs*. Presentation “Meet Me in the Middle Share-a-thon” at National Science Teachers Association in St. Louis, MO.
- Szyjka, S. (October, 2019). *Creating STEM Activities Using the EQUIP Rubric*. Presented (see page 176 in conference program) at Illinois Science Teachers Association Conference, Peoria, IL.
- Szyjka, S., Stinnett, M., & Singh, A. (October, 2017). *Integrating Science & Literacy in Middle School*. Presentation at Kappa Delta Pi CONVO 2017 51th Biennial Convocation in Pittsburgh, PA.
- Singh, A., Stinnett, M., Szyjka, S., & Shaw, F. (October, 2015). *Student Engagement in Science and Literacy* Presentation at Kappa Delta Pi CONVO 2015 50th Biennial Convocation in Orlando, FL.

- Szyjka, S. Stinnett, M. (December 2014). *Logical Thinking as a Cognitive Flexibility Predictor on Reading Comprehension of Elementary Pre-Service Teachers*. Paper presented at the Literacy Research Association in Marco Island, FL.
- Szyjka, S., Stinnett, M., Singh, A., & Shaw, F. (December 2014). *Curriculum Reconfiguration: Integrating Science & Literacy throughout St. Paul School*. Paper presented at the Literacy Research Association in Marco Island, FL.
- Szyjka, S. (January, 2014). *The Science Teaching Enhancement Pilot Project (STEPP)*. Paper presented at The Hawaii International Conference on Education in Honolulu, HI.
- Szyjka, S. (January, 2014). *Integrating Technologies to Promote Better Implementation of the Common Core Standards - Mathematics*. Poster presented at The Hawaii International Conference on Education in Honolulu, HI.
- Singh, A., & Szyjka, S. (October, 2013). *Digital Natives: Simulations for Active Learning?* Presentation at Kappa Delta Pi CONVO 2013 49th Biennial Convocation in Dallas, TX.
- Olsen, J., Szyjka, S., & Singh, A. (September, 2013). *Western Illinois Mathematics Teacher Transformation Institute (WI-MTTI)*. Poster presented at the Mathematics and Science Partnerships Program Conference in Washington DC.
- Szyjka, S. (2012). *Relationships among pre-service elementary education teachers' mathematical achievement, science-based cognition and attitude*. Paper presented at The Hawaii International Conference on Education in Honolulu, HI.
- Szyjka, S. (2012). *Evaluation of the inquiry science teaching strategies instrument: Pilot study results*. Paper presented at The Hawaii International Conference on Education in Honolulu, HI.
- Szyjka, S. (2012). *Understanding research paradigms: Trends in science education research*. Interactive poster presented at The National Association for Research in Science Conference in Indianapolis, IN.
- Szyjka, S., Mumba, F., & Wise, K. (2010). *Cognitive and Attitudinal Predictors Related to Line Graphing Achievement among Elementary Pre-service Teachers*. Presented at the National Association for Research in Science Teaching, Philadelphia, PA.
- Szyjka, S., Mumba, F., & Wise, K. (2010). *Confirmation of the Psychometric Properties of the Context-Modified Questionnaire of Attitude Toward Statistical Graphs (QASG) for Measuring Pre-service Teachers' Attitudes Toward Line Graphs in Science (QALGS)*. Presented at the National Association for Research in Science Teaching, Philadelphia, PA.
- Szyjka, S. (2009). *A mixed-method, quasi-experimental study to determine the effects of different levels of inquiry on the performance of students with learning disabilities in inclusive middle school science classrooms: A work in progress*. Presented at Hawaii International Conference on Education, Honolulu, HI.
- Szyjka, S., & Mumba, F. (2009). *Preparing science teachers for inclusive classrooms: Components of a suggested model for science teacher training*. Presented at Hawaii International Conference on Education, Honolulu, HI.

Mumba, F., Hennon, S., Szyjka, S., Pereles, N., & Hunter, W. (2007). *Effect of explicit instruction on high school physics students' knowledge and skills for constructing and interpreting graphs*. Paper presented at the National Association for Research in Science Teaching, New Orleans, LA.

CONFERENCE PRESENTATIONS: NON-REFEREED

Szyjka, S. (April, 2019). *STEM Related Activities*. Mini-session presented at the PreK-8 Science Education Update Conference, Macomb, IL.

Szyjka, S. (October, 2018). *Bicycle Frame Materials: The Decision Challenge*. Paper presented (see page 16 in conference program) at Illinois Science Teachers Association Conference, Tinley Park, IL.

Szyjka, S. (April, 2018). *Swirly Patterns with Color Changing Milk: Make swirly patterns in milk*. Mini-session presented at the PreK-8 Science Education Update Conference, Macomb, IL.

Szyjka, S. (April 2017). *Engineering Decision Challenge*. Mini-session presented at the PreK-8 Science Education Update Conference, Macomb, IL.

Szyjka, S. (2012). *Using Student Response Systems in the Middle or High School Science Classroom*. Paper presented at Illinois Science Teachers Association Conference, Tinley Park, IL.

Szyjka, S. (2011). *Teaching physical science equations using the learning cycle: Activity-before-content*. Paper presented at Illinois Science Teachers Association Conference, Tinley Park, IL.

Szyjka, S. (2011). *Building a better raft: Understanding sinking and floating*. Mini-session presented at the PreK-8 Science Education Update Conference, Macomb, IL.

Szyjka, S. (2011). *Examining gas laws: Stations utilizing Vernier technology*. Paper presented at the Science in the South Conference, Carbondale, IL.

Szyjka, S. (2010). *Density should not be difficult*. Presented at Illinois Science Teachers Association Conference, Springfield, IL.

Szyjka, S. (2010). *Using turning point technologies and response ware with the iPod touch to make science lectures more interactive*. Presented at Learn Today, Teach Tomorrow, Central Michigan University, Mount Pleasant, MI.

Szyjka, S. (2009). *Encouraging graphing through an inquiry-based activity on simple machines*. Presented at the Science in the South Conference, Carbondale, IL.

Szyjka, S. (2007). *Inquiry lesson on pulleys*. Presented at the Science in the South Conference, Carbondale, IL.

SERVICE OVERVIEW

- Total service activities since date of hire: 135 2010-2022
- Total service activities: 56 2016-2022
- Total service activities: 79 2010-2016

MANUSCRIPT REVIEWS

- Szyjka, S. (2019-2022) *Four unpublished manuscript reviews for Critical Questions in Education.*
- Szyjka, S. (2019-2020) Editorial Review Board Member of the *Journal of Science Teacher Education* (JSTE); 14 reviews.
- Szyjka, S. (2019-2020) Editorial Review Board Member of the *Journal of Science Teacher Education* (JSTE); 11 reviews.
- Szyjka, S. (2018-2019) Editorial Review Board Member of the *Journal of Science Teacher Education* (JSTE); 14 reviews.
- Szyjka, S. (2017-2018) Editorial Review Board Member of the *Journal of Science Teacher Education* (JSTE); 12 reviews.
- Szyjka, S. (2016-2017) Editorial Review Board Member of the *Journal of Science Teacher Education* (JSTE); 13 total reviews.
- Szyjka, S. (2016-2022) *Four unpublished manuscript/conference reviews for various journals/conferences.*
- Manuscript reviews for *Journal of European Education* (August 31, 2015)
- Five conference proceeding reviews for *National Association for Research in Science Teaching* (October, 2015).
- Manuscript reviews for *School Science and Mathematics* (May 19, 2014).
- Manuscript reviews for *School Science and Mathematics* (June 21, 2014).
- Five conference proceeding reviews for *National Association for Research in Science Teaching* (October, 2013).
- Manuscript review for *School Science and Mathematics* (February 22, 2013).
- Five conference proceeding reviews for *National Association for Research in Science Teaching* (November 21, 2012).
- Five conference proceeding reviews for *National Association for Research in Science Teaching* (October 4, 2011).
- Manuscript review for *School Science and Mathematics* (May 13, 2011).
- Manuscript review for *School Science and Mathematics* (December 24, 2010).
- Manuscript review for *Journal of Mixed Methods Research* (August 22, 2010).
- Manuscript review for *School Science and Mathematics* (2009).

SERVICE: REGIONAL

- Szyjka, S. (2021-present). Illinois Workforce and Education Research Collaborative (IWERC) teacher preparations advisory group.
- Szyjka, S. (2021-present). Region 3 Director & Board Member for the *Illinois Science Teachers Association* serving Adams, Brown, Cass, Fulton, Hancock, Henderson, Knox, Mason, McDonough, Mercer, Menard, Morgan, Peoria, Pike, Sangamon, Schuyler, Scott, Tazewell, Warren & Woodford Counties.
- Szyjka, S. (2021-2022, Virtual Season). Director of the WIU/ISO Regional Science Olympiad. Coordinating, organization, preparation and general administration of events and personnel in a virtual capacity. Western Illinois University.
- Szyjka, S. (2020-2021, Virtual Season). Director of the WIU/ISO Regional Science Olympiad. Coordinating, organization, preparation and general administration of events and personnel in a virtual capacity. Western Illinois University.

- Szyjka, S. (2019-2020, Face-to-Face Season). Director of the WIU/ISO Regional Science Olympiad. Coordinating, organization, preparation and general administration of events and personnel. Western Illinois University.
- Szyjka, S. (2016). Clickers: Using Student Response Systems to Enhance Learning & Teaching (8-hour workshop for teachers of the area)
- Contracted science teaching for Northern Illinois Mathematics and Science (NIMS) Partnership with Regional Office of Education #49 during summer 2011.

SERVICE: COLLEGE & UNIVERSITY

- Szyjka, S. (2021-2022). Center for Innovation in Teaching and Research Faculty Mentor for New Faculty (Dr. Lori Okon-Smith).
- Szyjka, S. (2021-2022). Member of Radiation Safety Committee.
- Szyjka, S. (2021-2022). Western Rocketry Student Club Advisor.
- Szyjka, S. (2021-2022). Chairperson of Assistant Professor: Elementary Science/Social Studies position.
- Szyjka, S. (2021-2022). Chairperson of the Advisory Committee.
- Szyjka, S. (2021-2022). Member of Faculty Senate.
- Szyjka, S. (Fall 2021). Chairperson of Graduate Appeal Committee.
- Szyjka, S. (2020-2021). Member of Council on Curricular Programs and Instruction (CCPI).
- Szyjka, S. (2020-2021). Member of Radiation Safety Committee.
- Szyjka, S. (2020-2021). Western Rocketry Student Club Advisor.
- Szyjka, S. (2020-2021). Member of Undergraduate Academic Affairs Committee (UAAC).
- Szyjka, S. (2019-2020). Member on the Personnel Committee.
- Szyjka, S. (2019-2020). Member of Radiation Safety Committee.
- Szyjka, S. (2019-2020). Member of Undergraduate Academic Affairs Committee (UAAC).
- Szyjka, S. (2019-2020). Member of Graduate Council.
- Szyjka, S. (2019-2020). Member of Council on Curricular Programs and Instruction (CCPI).
- Szyjka, S. (2018-2019). Member of Undergraduate Assessment Committee representing Science Education.
- Szyjka, S. (2018-2019). Chairperson of Graduate Assessment Committee as Elementary Education Program Coordinator representing Science Education.
- Szyjka, S. (2018-2019). Member of Undergraduate Academic Affairs Committee (UAAC).
- Szyjka, S. (2018-2019). Member of Graduate Council.
- Szyjka, S. (2017-2018). Undergraduate Academic Affairs Committee Member representing School of Education.
- Szyjka, S. (2017-2018). Center for Innovation in Teaching and Research Faculty Mentor for New Faculty (Dr. Denny Barr).
- Szyjka, S. (2017-2018). Member of Technology Committee.
- Szyjka, S. (2016-2017). Member of Faculty Senate.
- Szyjka, S. (2016-2017). Member of Graduate Committee as C&I Program Coordinator representing Science Education.
- Szyjka, S. (2016-2017). Member of Undergraduate Academic Affairs Committee.

- Szyjka, S. (2016-2017). Chairperson of the Dean's Review Committee.
- Szyjka, S. (2016-2017). Member of Technology Committee.
- Szyjka, S. (2016-2017). Member of Selection and Retention Committee representing Science Education.
- Szyjka, S. (April 2015). Undergraduate Research Day "Final Judge." Western Illinois University – Student Union.
- Szyjka, S. (2014-2015). Faculty Senate Member representing College of Education and Human Services.
- Szyjka, S. (April 2014). Presentation of Science & Literacy with SEEDS & ROOTS! Western Illinois University Annual K8 Science Education Conference.
- Szyjka, S. (April 2014). Undergraduate Research Day "Final Judge." Western Illinois University – Student Union.
- Szyjka, S. (February 2014). Science Olympiad Associate. Organization, preparation and general administration of events. Western Illinois University.
- Szyjka, S. (Spring 2014). Secretary Membership Chapter Officer for Kappa Delta Pi.
- Szyjka, S. (June 7, 24, 26, & July 11, 2013). 2012 Summer Orientation and Registration (SOAR) Faculty Orientation Leader. Western Illinois University.
- Szyjka, S., (March 2, 2013). Student Education Association 7th Annual Career Building Conference, Oh, The Places You'll Go! Presentation, "The Next Generation Science Standards, What do Pre-Service Teachers need to Know to Successfully Navigate the New Standards."
- Szyjka, S. (July 9-20, 2012). Action Research teaching & administrative responsibilities/duties for Western Illinois Mathematics Teacher Transformation Institute. (WI-MTTI) Partnership with Regional Office of Education #26, #22 & #1, Turning Technologies, Vernier Lab Equipment and Western Illinois University.
- Szyjka, S. (June 8, 12, 14, 19 & 25, 2012). 2012 Summer Orientation and Registration (SOAR) Faculty Orientation Leader. Western Illinois University.
- Szyjka, S. (April 21, 2012). Student Education Association 6th Annual Career Building Conference, I Teach. What's Your Superpower? Presentation, "Integrating Mathematics and Science."
- Szyjka, S. (April 20, 2012). Presentation of Make your own pie pan speaker! Western Illinois University Annual K8 Science Education Conference.
- Szyjka, S. (April 18, 2012). Undergraduate Research Day "Final Judge." Western Illinois University – Student Union.
- Szyjka, S. (April 4, 2012). Panel discussion participant – "Meeting Global Environmental Challenges through Science, Technology, and Social Responsibility."
- Szyjka, S. (March 22, 2012). Student Education Association March Meeting Presentation, "Professionalism in the Job Search and Beyond: Tips, Strategies & Mindset for Success in Education."
- Szyjka, S. (February 2012). Science Olympiad Associate. Organization, preparation and general administration of events. Western Illinois University.
- Szyjka, S. (Spring 2012). Membership Chapter Officer for Kappa Delta Pi.

SERVICE: DEPARTMENT

- Szyjka, S. (2021-2022). Member of Scholarship Committee.
- Szyjka, S. (2021-2022). Member of Technology Committee.
- Szyjka, S. (2021-2022). Member of Grade Appeals – Undergraduate Committee.
- Szyjka, S. (2021-2022). Member of WIU Honors Council.

- Szyjka, S. (2021-2022). Chairperson of Undergraduate Committee representing Elementary Education.
- Szyjka, S. (2021-2022). Ongoing design modifications, reviewed development, and maintenance of Science Education Center Website.
- Szyjka, S. (2021-2022). Continued maintenance and design adjustments of eFaculty Handbook (including adding additional hyperlinks to Google Docs, websites and folders) for the School of Education.
- Szyjka, S. (October, 2021). Project Learning Tree Workshop Facilitator. Western Illinois University.
- Szyjka, S. (2020-2021). Chairperson of the Advisory Committee.
- Szyjka, S. (2020-2021). Member of Graduate Committee as C&I Program Coordinator.
- Szyjka, S. (2020-2021). Member of Undergraduate Committee representing member at large.
- Szyjka, S. (2020-2021). Member of Graduate Committee as C&I Program Coordinator.
- Szyjka, S. (2020-2021). Ongoing design modifications, review, development, and maintenance of elements of the Science Education Center.
- Szyjka, S. (2020-2021). Initial design, development, and maintenance of eFaculty Handbook (including extensive hyperlinks to Google Docs, websites, and folders) for the School of Education.
- Szyjka, S. (2020-2021). Revision and re-design modifications, and maintenance of the C&I Graduate Program website.
- Szyjka, S. (2020). Chair of the Advisory Committee.
- Szyjka, S. (2019-2020). Initial and ongoing extensive design, development, and maintenance of Science Education Center Website beyond what is typically required of a center director.
- Szyjka, S. (2019-2020). Department of Natural Resources Trunk Host and Distributor of educational materials for the State of Illinois.
- Szyjka, S. (2019-2020). Co-Chair of Assistant Professor Literacy position.
- Szyjka, S. (2019-2020). Member of Advisory Committee.
- Szyjka, S. (2019-2020). Member of Undergraduate Committee representing C&I.
- Szyjka, S. (2019-2020). Member of Graduate Committee as C&I Program Coordinator.
- Szyjka, S. (September, 2019). Project Learning Tree Workshop Facilitator. Western Illinois University.
- Szyjka, S. (April, 2019). Project Learning Tree Workshop Facilitator. Western Illinois University.
- Szyjka, S. (March, 2019). Science Olympiad Associate. Organization, preparation and general administration of events. Western Illinois University.
- Szyjka, S. (2018-2019). Member of Graduate Committee as C&I Program Coordinator representing Science Education.
- Szyjka, S. (2018-2019). Member of Council on Curricular Programs and Instruction (CCPI).
- Szyjka, S. (2018-2019). Member of Graduate Council.
- Szyjka, S. (2018-2019). Kappa Delta Pi: International Honor Society in Education Associate Counselor (Advisor).
- Szyjka, S. (2018-2019). Member on the Personnel Committee.
- Szyjka, S. (2018-2019). Member of Selection and Retention Committee representing Science Education.

- Szyjka, S. (February, 2018). Science Olympiad Associate. Organization, preparation and general administration of events. Western Illinois University.
- Szyjka, S. (March, 2018). Graduate Research Conference “Judge.” Western Illinois University – Student Union.
- Szyjka, S. (2017-2018). Member of Graduate Committee as C&I Program Coordinator representing Science Education.
- Szyjka, S. (2017-2018). Chairperson of the Personnel Committee.
- Szyjka, S. (2017-2018). Member of Undergraduate Assessment Committee representing Science Education.
- Szyjka, S. (2017-2018). Chairperson of Graduate Assessment Committee as Elementary Education Program Coordinator representing Science Education.
- Szyjka, S. (2017-2018). Member of Selection and Retention Committee representing Science Education.
- Szyjka, S. (April, 2017). Undergraduate Research Day “Podium Judge.” Western Illinois University – Student Union.
- Szyjka, S. (February, 2017). Science Olympiad Associate. Organization, preparation and general administration of events. Western Illinois University.
- Szyjka, S. (Spring, 2017). Chair of the Dean’s Review Committee.
- Szyjka, S. (2016-2017). Member of Undergraduate Assessment Committee representing Science Education.
- Szyjka, S. (2016-2017). Chairperson of Graduate Assessment Committee as Elementary Education Program Coordinator representing Science Education.
- Szyjka, S. (2014). Chair of the Undergraduate Assessment Committee.
- Szyjka, S. (2014). Chair of the Assessment TASK Force.
- Szyjka, S. (2011 – 2013). Member of the Selection and Retention Committee.
- Szyjka, S. (2010 – 2013). Department Graduate Committee.

SERVICE: COMMUNITY

- Szyjka, S. (June, 2013). Consultations with St. Paul School, Macomb, IL for Science & Literacy integration as part of Tracy Family Foundation Grant professional development and research.
- Szyjka, S. (Summer, 2012). Consultation with St. Paul School (Grade 2 teacher), Macomb, IL for Science & Literacy integration as part of Illinois Association of Teacher Educators.

PROFESSIONAL MEMBERSHIPS/AFFILIATIONS

- National Association of Rocketry (2018-present)
- Kappa Delta Pi (2015- present)
- Illinois Science Teachers Association (2010 – present)
- National Association of Research in Science Teaching (2009 – 2019)
- National Science Teachers Association (2004 – present)