

**Jessyca B. Wagner, Ph.D., RT (R), CIIP**  
***CURRICULUM VITAE***

**Education and Professional Certifications**

- Ph.D., Learning Technologies, University of North Texas, May 2020
- M.S., Radiologic Sciences Education, Midwestern State University, May 2013
- B.S., Radiologic Sciences, Midwestern State University, December 2010
- A.A.S., Radiologic Sciences, Midwestern State University, May 2007
- Medical Radiologic Technologist, Radiography, #92642, Texas Medical Board
- Registered Radiologic Technologist, Radiography, #422150, American Registry of Radiologic Technologists (ARRT)
- Certified Imaging Informatics Professional, #1030148, American Board of Imaging Informatics

**Professional Experience**

- Assistant Professor, Radiologic Sciences  
Midwestern State University  
Wichita Falls, TX  
August 2013-Present

**Teaching Responsibilities**

- Administration and Supervision of Diagnostic Imaging
- Advanced Clinical Practice Skills
- Applied Research
- Assessment & Accreditation for Radiology Administrators (MSRS)
- Data Analysis (Interdisciplinary)
- Essentials of Research
- Essentials of Teaching in Imaging Sciences
- Image Acquisition & Processing
- Image Acquisition & Processing Lab
- Pathophysiology
- Radiologic Sciences Medical Terminology
- Research (Interdisciplinary)
- Selected Topics
- Teaching Strategies in Imaging Sciences

**Research and Scholarly Activity**

Research

- Wagner, J. B. (in press). Using low-dose CT for lung cancer screening. *Catalyst Medical Education*.
- Wagner, J. B. (in press). Pediatric fluoroscopy. *Catalyst Medical Education*.
- Wagner, J. B. (2023). Breast imaging of the transgender patient [Directed reading]. *ASRT Essential Education*.

- Wagner, J. B. (2023). Informatics in medical imaging. *eRadImaging*.  
<https://www.eradimaging.com/course/1000>
- Wagner, J. B. (2022). Technical factors that affect radiographic quality. *eRadImaging*.  
<https://www.eradimaging.com/course/991/>
- Haynes, K. W., Moore, Q. T., & Wagner, J. B. (2021). AAPM CARES update on the use of patient gonadal and fetal shielding. *Radiologic Science and Education*, 26(2), 3-9.
- Vealé, B., & Wagner, J. B. (2021). Changes in shielding practice for radiographers – Implications for radiologic and imaging nursing. *Journal of Radiology Nursing*, 40(4), 353-356. <https://doi.org/10.1016/j.jradnu.2021.09.006>
- Wagner, J. B. (2020). *Validating an instrument for gathering faculty perceptions of online education in radiologic science programs* [Doctoral dissertation, University of North Texas]. UNT Digital Library.  
[https://digital.library.unt.edu/ark:/67531/metadc1703407/m2/1/high\\_res\\_d/WAGNER-DISSERTATION-2020.pdf](https://digital.library.unt.edu/ark:/67531/metadc1703407/m2/1/high_res_d/WAGNER-DISSERTATION-2020.pdf)
- Wagner, J. B. (2020). Radiation protection and safety in interventional radiology. *Radiologic Technology*, 91(5), 431-444.  
<http://www.radiologictechnology.org/content/91/5/431.full.pdf>
- Watts, L., Case, R., Wagner, J., Pankonien, C., & Jansen, L. (2020). Neonatal intensive care unit communication/collaboration among nursing and allied health students. *Journal of Interdisciplinary Sciences*, 4(1), 28-57.  
<http://journalofinterdisciplinarysciences.com/wp-content/uploads/2020/04/3-Neonatal-Intensive-Care-Unit-Communication-Collaboration-Among.pdf>
- Clark, K. R., & Wagner, J. B. (2019). Incivility among radiography educators in the United States. *Internet Journal of Allied Health Sciences and Practice*, 17(3).  
<https://nsuworks.nova.edu/cgi/viewcontent.cgi?article=1810&context=ijahsp>
- Wagner, J. B. (2019). Artificial intelligence in medical imaging. *Radiologic Technology*, 90(5), 489-501. <http://www.radiologictechnology.org/content/90/5/489>
- Wertz, C. I., Wagner, J., Ward, T. M., & Mickelsen, W. (2019). Using simulation in radiographic science education. In Y. Qian (Ed.), *Teaching, learning, and leading with computer simulations* (pp. 37-67). Hershey, PA: Information Sciences Reference.
- Clark, K. R., & Wagner, J. B. (2017). Using social media and hashtags to engage medical imaging students. *Radiologic Technology*, 88(5), 564-567.  
<http://www.radiologictechnology.org/content/88/5/564.full.pdf+html>
- Wagner, J. B. (2017). Computer-based adaptive learning in higher education. *Proceedings of the Society for Information Technology & Teacher Education International Conference, USA, 2017*(1), 1864-1866. <http://learntechlib.org/d/177474>
- Wagner, J. B. (2017). Online simulation in an undergraduate radiologic technology program. *Proceedings of the University of North Texas College of Information Research Exchange Conference, USA*, 51-55.
- Wagner, J. B., Freedman, B., Getchell, S., Reeder, E., & Killion, J. B. (2017). Effect of computed radiography lab equipment on ARRT image acquisition and evaluation scores in two undergraduate radiologic technology programs. *Radiologic Science & Education*, 22(2), 33-38.
- Watts, L. K., Wagner, J., Velasquez, B., & Behrens, P. I. (2017). Cyberbullying in higher education: A literature review. *Computers in Human Behavior*, 69, 268-274.  
<http://dx.doi.org/10.1016/j.chb.2016.12.038>

## Professional Development

- Association of Educators in Imaging and Radiologic Sciences (AEIRS) Annual Conference (2018; 2023)
- Society for Imaging Informatics in Medicine (SIIM) Annual Conference (2023)
- Association of Collegiate Educators in Radiologic Technology (ACERT) National Conference (2016-2023)
- Texas Society of Radiologic Technologists (TXSRT) Annual Conference (2018-2023)
- Texas Society for Advancement of Health Professions (TSAHP) Annual Conference (2013-2021)
- SAFE Zone Training – MSU Texas (2020)
- Radiological Society of North America (RSNA) Annual Conference (2019)
- Association of Educators in Imaging and Radiologic Sciences Annual Conference (2018)
- Health Care Industry Advisory Council (HCIAC) Meeting (2018)
- University of North Texas College of Information Research Exchange Conference (2016-2017)
- Society for Information Technology & Teacher Education (SITE) Annual Conference (2017)
- American Society of Radiologic Technologists (ASRT) Spring 2014 Leadership Academy (2014)

## Professional Involvement

- American Association of Physicists in Medicine CARES Committee
- American Registry of Radiologic Technologists
- American Society of Radiologic Technologists
- Association of Collegiate Educators in Radiologic Technology
- Association of Educators in Imaging and Radiologic Sciences
- Lambda Nu Radiologic Sciences Honor Society
- Society for Imaging Informatics in Medicine
- Texas Society of Radiologic Technologists
- Texas Society for Advancement of Health Professions

## Poster Presentations

- Wagner, J. B. (2022, February). Gathering faculty perceptions of online education in radiologic science programs: Creating the instrument. Association of Collegiate Educators in Radiologic Technology (ACERT), Annual Conference, Las Vegas, NV.
- Wagner, J. (2018, January). Using simulation in an undergraduate radiologic technology program. Association of Collegiate Educators in Radiologic Technology (ACERT), Annual Conference, Las Vegas, NV.
- Wagner, J., Freedman, B., Getchell, S., & Reeder, E. (2016, June). *Effect of computed radiography lab equipment on ARRT image acquisition and evaluation scores in two undergraduate radiologic technology programs*. University of North Texas College of Information 2016 Research Exchange Conference, Orlando, FL.

## Presentations

- Wagner, J. B. (in production). Imaging pediatric patients with autism [Podcast]. eRadImaging.
- Wynne, D., & Wagner, J. B. (2023, April). Shimadzu trivia night [Emcees]. Texas Society of Radiologic Technologists (TXSRT), Annual Conference, Wichita Falls, TX.
- Comello, R., & Wagner, J. B. (2023, February). Student challenge [Emcees]. Association of Collegiate Educators in Radiologic Technology (ACERT), Annual Conference, Las Vegas, NV.
- Wagner, J. B. (2022, November). The tissue talk: Navigating the road to becoming a technologist. Association of Collegiate Educators in Radiologic Technology (ACERT) National Radiologic Technology Week Student Conference, Virtual.
- Wagner, J. B., Grisak, O., Wertz, C., Gildon, B., & Doucette, M. (2022, November). ACERT Board of Directors Panel Discussion. Association of Collegiate Educators in Radiologic Technology (ACERT) National Radiologic Technology Week Student Conference, Virtual.
- Wynne, D., & Wagner, J. B. (2022, April). Shimadzu trivia night [Emcees]. Texas Society of Radiologic Technologists (TXSRT), Annual Conference, Wichita Falls, TX.
- Comello, R., & Wagner, J. B. (2022, February). Student challenge [Emcees]. Association of Collegiate Educators in Radiologic Technology (ACERT), Annual Conference, Las Vegas, NV.
- Wagner, J. B. (2022, January 7). Navigating the BSRT program successfully: The tissue talk. Shimadzu School of Radiologic Sciences BSRT Orientation, Wichita Falls, TX.
- Wagner, J. B., Grisak, O., Doucette, M., & Wertz, C. (2021, November 12). So you're a rad tech... Now what? Panel discussion. Association of Collegiate Educators in Radiologic Technology (ACERT) National Radiologic Technology Week Student Conference, Virtual.
- Wagner, J. B. (2021, October 9). A change in protocol: Why lead aprons may not be necessary anymore. Northwest Area Texas Society of Radiologic Technologists Conference, Wichita Falls, TX.
- Wagner, J. B. (2021, September 17). Elements of an exemplary online course. Texas Society for Advancement of Health Professions (TSAHP) Annual Conference, Virtual.
- Fisher, R., & Wagner, J. B. (2021, May). ALARA alarm! Current controversies in radiation hormesis & shielding. Texas Society of Radiologic Technologists Annual Conference, Virtual.
- Wagner, J. B. (2021, April). Resume writing 101. Texas Society of Radiologic Technologists Annual Conference, Student Conference, Virtual.
- Wagner, J. B. (2021, April). Roentgen student bee. Texas Society of Radiologic Technologists Annual Conference, Student Conference, Virtual.
- Fisher, R., & Wagner, J. B. (2021, April). ALARA alarm! Current controversies in radiation hormesis & shielding. New Mexico Society of Radiologic Technologists Annual Conference, Virtual.
- Wagner, J. B., & Case, R. (2021, March 26). Situational judgement. Inclusion Now!, MSU Texas, Virtual.
- Wagner, J. B. (2021, March). A Change in protocol: Why lead aprons may not be necessary anymore. Utah Society of Radiologic Technologists Annual Conference, Virtual.

- Wagner, J. B. (2021, February). Radiographic imaging case studies. American Society of Radiologic Technologists (ASRT) Live!, Virtual.
- Case, R., & Wagner, J. B. (2021, February). Interprofessional simulation scenarios in healthcare. Association of Collegiate Educators in Radiologic Technology (ACERT), Annual Conference, Virtual.
- Fisher, R., & Wagner, J. B. (2021, February). ALARA alarm! Current controversies in radiation hormesis & shielding. Association of Collegiate Educators in Radiologic Technology (ACERT), Annual Conference, Virtual.
- Comello, R., & Wagner, J. B. (2020, February). Student challenge [Emcees]. Association of Collegiate Educators in Radiologic Technology (ACERT), Annual Conference, Las Vegas, NV.
- Nolan, T., & Wagner, J. B. (2020, February). A master of image evaluation. Association of Collegiate Educators in Radiologic Technology (ACERT), Annual Conference, Las Vegas, NV.
- Wagner, J. B., & Fisher, R. C. Jr. (2019, November & December). Basic radiographic physics and imaging. eRadImaging Live Online CE Presentation.
- Wagner, J.B. (2019, October). Imaging the thorax and abdomen. ASRT Live (Recorded) CE Presentation.
- Comello, R., & Wagner, J. B. (2019, February). Student challenge [Emcees]. Association of Collegiate Educators in Radiologic Technology (ACERT), Annual Conference, Las Vegas, NV.
- Wagner, J. B. (2019, February). Artificial intelligence: Deep learning in medical imaging. Association of Collegiate Educators in Radiologic Technology (ACERT), Annual Conference, Las Vegas, NV.
- Sedden, M. & Wagner, J. B. (2019, February 20). *Interdisciplinary teamwork*. Interdisciplinary Student Luncheon, Gunn College of Health Sciences and Human Services, Midwestern State University, Wichita Falls, TX.
- Wagner, J. B. (2018, October 23). *AI in medical imaging*. Research Showcase, Gunn College of Health Sciences and Human Services, Midwestern State University, Wichita Falls, TX.
- Clark, K. R., & Wagner, J. B. (2018, July). Faculty and student incivility in medical imaging education. Association of Educators in Imaging and Radiologic Sciences (AEIRS), Annual Conference, Charleston, SC.
- Wagner, J. B. (2017, June). *Online simulation in an undergraduate radiologic technology program* [Roundtable]. University of North Texas College of Information Research Exchange Conference, San Antonio, TX.
- Wagner, J. B. (2017, March). *Computer-based adaptive learning in higher education* [Roundtable]. Society for Information Technology and Teacher Education (SITE), Annual Conference, Austin, TX.
- Wagner, J. B. (2016, February). *Cyberbullying in higher education*. Grand Rounds, Midwestern State University, Gunn College of Health Sciences and Human Services, Wichita Falls, TX.
- Wagner, J. B. (2016, February). *Cyberbullying in higher education*. Association of Collegiate Educators in Radiologic Technology (ACERT), Annual Conference, Las Vegas, NV.

- Wagner, J. B. (2015, September). *Cyberbullying in higher education – The results*. Texas Society of Allied Health Professionals (TSAHP), Annual Conference, San Antonio, TX.
- Wagner, J. B. (2014, October). *Interventional oncology*. Temple Veterans' Administration Hospital CE Seminar, Temple, TX.
- Wagner, J. B. (2014, September). *Cyberbullying in higher education*. Texas Society of Allied Health Professionals (TSAHP), Annual Conference, Houston, TX.

## Service

### Department

- Assisted with the organization of, attended, and live-streamed the BSRT Pinning Ceremony (2019-present)
- Organized, chaired, presented at, and attended the Spring Lambda Nu Induction Ceremony (2015-present)
- Gave tours to high schools as part of the AHEC recruiting event (2022)
- Gave a tour of the lab to Café Con Leche students (2022)
- Assisted with and presented during the BSRT orientation (2022)
- Radiology Club Homecoming Tailgate (2014-present)
- Radiology Club Family Day Tailgate (2014-present)
- Provided breakfast for students for National Radiologic Technology Week (2014-present)
- Organized and coordinated the filming of a recruitment video for the department (2021)
- Organized a recruitment effort called “Zoom with Schools” for the department and presented for several community colleges across the country (2021)
- Attended and presented at the BSRT Student Awards Luncheon (2015-2018)
- JRCERT Self-Study Committee Member, Standards One and Two (Summer 2015)
- Assisted with MORE orientation sessions (2015)

### Department Committees

- BSRT Admissions Committee Member (August 2018 – present)
- BSRT Assessment Committee Member (September 2017 – present)
- BSRT Awards Ceremony Committee Member (September 2014 – present)
- AAS/BSRT Clinical Site Assignment Committee Member (September 2014 – present)
- MSU Radiology Club Co-Sponsor (Fall 2015 – present)
- Chapter Director Texas Xi Chapter of Lambda Nu (September 2014 – present)
- Recruitment Video Committee Chair (August 2020 – September 2021)
- Undergraduate Secretary Search Committee (June 2018)
- BSRT Portfolio Committee Chair (September 2016 – August 2020)
- BSRS Curriculum Review Committee Member (September 2014 – December 2017)
- BSRT Curriculum Review Committee Member (September 2014 – December 2017)
- Department Faculty Scholarship Committee Member (January 2014 – September 2015)
- AAS Assessment Committee Member (September 2013 – September 2017)

### College

- Presented to HSHS 1013 about the radiologic sciences profession (2022, 2023)

- Assisted with College Round-Up for the college (2021)
- Presented to respiratory care students about chest imaging (2019-2020, 2022)
- Assisted with the Freshman Bootcamp for the college (2020)
- Co-presented a team building workshop with Mandy Sedden for the interdisciplinary student gathering luncheon (2019)
- Presented at Inclusion Now! with Dr. Randy Case (2018-present)
- Participated in and moderated the interdisciplinary NICU megacode with nursing, radiology, and respiratory students and faculty (2016-present)
- Participated in and moderated the interdisciplinary adult megacode event with nursing, radiology, respiratory, social work, dental hygiene, and athletic training students and faculty (2016-present)
- Assisted with and attended the MSU Health Fair (2014-present)
- Attended Legacy Walk honoring College of Health Sciences and Human Services donors, Robert D. and Carol Gunn (2013)

#### College Committees

- College Research Committee Member (September 2019 – present)
- Interdisciplinary Committee Interprofessional Communication Exercises Committee Member (February 2015 – present)
- College of Health Sciences and Human Services Interdisciplinary Committee Member (September 2013 – present)
- Chair of Interdisciplinary Committee Interprofessional Communication Exercises Committee (February 2015 – August 2017)
- Chair of Interdisciplinary Committee Bullying Project (January 2014 – August 2017)

#### University

- Participated in the MSU Texas Core Values Summit (2021)
- Contributed monetarily to MSU's Powered By Us Faculty/Staff Campaign (monthly since 2019)
- Interview Panel – Director of Recreational Sports & Wellness Center (2017)
- Attended the Celebration of Teaching Excellence (2015)
- Attended the Undergraduate Research & Creative Activities Forum (2015-present)
- Participated in Mustang's Rally by presenting to high school students about radiologic sciences program (2015)
- Attended the Book Plating Ceremony (October 30, 2014)
- Attended the Sikes Lake Cleanup (2014)
- Contributed monetarily to MSU's Annual Fund (2014-present)

#### University Committees

- Artist-Lecture Series Committee Member (September 2022 – present)
- Global Education Advisory Committee Member (September 2022 – present)
- Undergraduate Research Advisory Committee Member (September 2022 – present)
- Academic Appeals Committee Member (September 2020 – 2022)
- Distance Education Resource Committee Member (September 2018 – September 2020)

- Search Committee for Vice President of Enrollment Management Member (January 2018 – April 2018)
- Financial Aid and Admissions Task Force Member (October 2016 – May 2018)
- Employee Health & Fitness Committee Member (September 2016 – September 2018)
- Academic Appeals Committee Member (September 2015 – September 2019)

#### Profession

- Society for Imaging Informatics in Medicine Research Committee member (July 2023 – June 2026)
- Peer Reviewer, *Journal of Digital Imaging* (June 2023 – present)
- Participant of American Society of Radiologic Technologists (ASRT) Educator's Institute (2023)
- Elected as alternate delegate for the Education Chapter of the American Society of Radiologic Technologists (ASRT) (2023-2024)
- Board Member of the Association of Collegiate Educators in Radiologic Technology (2016 – 2025)
- AAPM Working Group on Communicating Advances in Radiation Education for Shielding (WGCARES) (November 2022 – present)
- Editorial Review Board member, *Radiologic Technology* (ASRT) (August 2022 – present)
- American Society of Radiologic Technologists (ASRT) Foundation Scholarship Review Committee Member (September 2022 – present)
- American Society of Radiologic Technologists (ASRT) BSRS Curriculum Revision Workgroup (2022)
- Education delegate nominee for the American Society of Radiologic Technologists (ASRT) (2022, 2023)
- Mentor for the American Society of Radiologic Technologists (ASRT) Student Leadership Development Program (2022)
- Volunteer member of the Texas Society of Radiologic Technologists (TSRT) Annual Meeting Committee and Student Affairs Committee (2021 – present)
- Reviewer, *Journal of Literacy and Technology*, 21(2), Special Edition (Fall 2020)
- Volunteer member of the Texas Society of Radiologic Technologists (TSRT) Annual Meeting Committee and Student Affairs Committee (2020 – present)
- Member of the AAPM CARES Committee (September 2019 – August 2022)
- Chapter Director of Midwestern State University's Texas Xi Chapter of Lambda Nu Radiologic Science National Honor Society (September 2014 – present)
- Editorial Review Board Member, *The Internet Journal of Allied Health Sciences and Practice* (June 2014 – present)

#### Community

- Saint Jo Elementary Parent Teacher Organization (PTO) President (2023-present)
- Saint Jo Youth League Vice President (2023-present)
- Participated in the City of Wichita Falls Active Shooter Exercise (2022)
- Saint Jo Youth League Secretary, Baseball/Softball Commissioner, Volleyball Coach, T-Ball Coach, & Softball Coach (2022-present)



- Saint Jo Elementary Parent Teacher Organization (PTO) Secretary (2022-2023)
- Donated supplies and volunteered at the Humane Society (2015, 2021, 2022)
- Volunteered for Hotter ‘N Hell Hundred (2014-present)
- Donated to P.E.T.S. in Wichita Falls (2019)
- Sponsored two angels on the Salvation Army Angel Tree (2016, 2022)
- Participated in Susan G. Komen Race for the Cure (2014-2015)
- Donated supplies to Patsy’s House, Children’s Advocacy Center, Inc. (2014)
- Participated in 5K Neon Splash Dash benefiting Mended Hearts and Mended Little Hearts Charities, Dallas, TX (2013)
- Participated in Cooke County American Cancer Society Relay for Life (2013)

### **Awards and Honors**

- MSU Texas Robert D. and Carol Gunn College of Health Sciences and Human Services Distinguished Scholarship Award Winner (May 2022)
- Selected as one of the Top 25 Radiologic Technologists in North Texas for 2018 by the North Texas Society of Radiologic Technologists (November 10, 2018)
- Inducted into Phi Kappa Phi International Honor Society (March 27, 2018)
- Received the Emerging Scholar Award for submitted paper *Online Simulation in an Undergraduate Radiologic Technology Program* at the 2017 University of North Texas College of Information Research Exchange Conference (June 2017)
- Selected as faculty mentor for two students being inducted into Alpha Chi National Honor Society (April 2016)
- Received five “STAR” awards from students at the end of the Spring 2015 semester
- Selected as faculty mentor for three students being inducted into Alpha Chi National Honor Society (March 2015)
- Completed ASRT Leadership Academy (Certificate awarded June 26, 2014).
- Received two “STAR” awards from students at the end of the Spring 2014 semester
- Inducted into Alpha Chi National College Honor Society (February 22, 2013)
- Inducted into Golden Key International Honor Society (April 10, 2012)