

## WAYNE CHERRY

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### EDUCATION

Sam Houston State University <b>School Library Certification</b> Named Outstanding Library Science Student	2016
Carnegie Mellon University <b>Gold Certification in Lego EV3 Robotics</b>	2015
University of North Texas <b>M.S. in Library Science</b> Selected for Beta Phi Mu Honor Society	2007
Baylor University <b>B.A. in English and Psychology</b> Selected for Dean's List of Academic Honors	2002

### EXPERIENCE

<b>St. Pius X High School</b> <b>Instructional Technologist</b> <ul style="list-style-type: none"><li>Helped to automate and streamline the multiple campus process for the Offices of the Academic Dean and Registrar.</li><li>Trained teachers on Office 365 and other classroom software programs.</li><li>Served on the committee to develop training and standardization of the new learning management system.</li><li>Worked with the IT department to establish guidelines and training for the transition to distance learning. Work with students to integrate technology into their coursework through projects or other in class opportunities.</li><li>Assist in the integration of STEAM learning into the curriculum in all subjects.</li><li>Work with teachers to create new lessons or revamp existing ones to increase learning and retention.</li><li>Train teachers on best practices related to instructing with technology, lesson plan submission, and use of technology in the classroom.</li><li>Implemented and trained teachers on new learning management system and continually updated and improved existing training materials.</li><li>Oversee JAMF MDM program for school issued iPads.</li><li>Assist in the implementation of Microsoft Intune management of campus PCs to ease device management and codify deployment.</li></ul>	2016-present
<b>Librarian/Library Department Chair</b> <ul style="list-style-type: none"><li>Develop and maintain an internal app for contact tracing in the library and other common spaces on campus.</li><li>Develop and maintain both a print and digital collection that enhances the curriculum of St. Pius X.</li><li>Evaluate existing programs and work with teachers to develop new programs and resources to meet the needs of the St. Pius X community.</li><li>Supervise student workers in the library and in other campus departments by assigning tasks, ensuring completion, and evaluating performance.</li><li>Train students and teachers on the use of library resources and evaluation of outside sources.</li><li>Establish and report annually on library goals and success indicators for the academic and fiscal year.</li></ul>	2020-2021

**Assistant Librarian****2016-2020**

- Assist the library department chair in developing programs and resources to meet the needs of the St. Pius X community.
- Suggest new resources to be added to the collection, both print and digital.
- Reach out to teachers and assist with project planning, research instruction, and project development.
- Help students with technology issues related to library resources and printing.
- Supervise student workers in the library by assigning tasks, ensuring completion, and submitting performance reviews to Library Department Chair.
- Develop training materials in concert with the librarian for teacher and student instruction.
- Assist in the creation of annual reports on library goals and success indicators for the academic and fiscal year.

**Engineering Instructor****2017-present**

- Deliver the curriculum created by the University of Texas covering engineering topics such as mechanical engineering, chemical engineering, and aerospace engineering.
- Ensure students enrolled in the dual credit program met their deadlines.
- Ensure supplies for class are ordered on time, documented, and cataloged on arrival.
- Ensure all budget requirements are not exceeded while guaranteeing all supplies are on hand for each unit.
- Maintain all technology, hardware, and software related to the program.
- Stay updated on the curriculum from UT and update lessons, files, and instructional units as necessary.
- Market the course to prospective students through class presentations, student assemblies, and new student interviews.

**First Baptist Academy****Librarian****2007-2016**

- Developed and maintained a curriculum for all grade levels.
- Oversaw the annual library budget and fundraising efforts.
- Directed all aspects of collection management including purchase of new materials and weeding of dated, damaged, or unsuitable materials.
- Provided reference and research assistance to faculty and students.
- Expanded collaboration across all departments through specialized projects tailored to enhance student learning.
- Trained over 50 parent volunteers for library projects including classroom reading and point of sale for book fair.
- Supervise and set volunteer calendar.
- Planned, marketed, and executed a weeklong annual book fair to raise funds for professional development and collection development.
- Establish success indicators for each quarter and for the whole year.
- Provide quarterly and annual reports on progress toward these indicators.

**Director of Theater Arts****2008-2015**

- Selected a play for performance by the middle school drama company.
- Produced and directed the show.
- Oversaw all aspects of production from casting to closing curtain for two spring performances.
- Supervised student actors and stage crew, as well as parent volunteers, throughout the process of production.
- Create, with student crew and parent volunteers, media for show including sound effects, special stage effects, and playbills.
- Manage budget allocation for purchase of royalties, scripts, props, costume pieces, and other items necessary to produce each show.
- Market productions on campus and within our school community to maximize exposure to constituencies and increase ticket sales.

**Middle School Drama Teacher****2013-2015**

- Created a curriculum for a new theater arts program in middle school.
- Communicated classroom expectations to parents, teachers, and administration of the school.
- Prepared students for competition at the local and state levels.
- Developed student leaders in the arts through performance, preparation, and outreach in the school.

**Director of Gifted and Talented****2014-2015**

- Oversaw the GT program for all elementary and assisted in curriculum development for middle school classes with the instructor.
- Developed curriculum and programming for all students in first through fourth grades with a focus on STEAM based programming.
- Developed specialized curriculum for small group GT instruction in various topics of STEAM instruction.
- Created robotics curriculum for second through fourth grades. Created coding curriculum for fourth grade.
- Created all curriculum resources to tailor program to the educational needs of specific students enrolled.
- Seek out qualified students through interviews, presentations, teacher meetings, and parent surveys.

**Assistant Director of Gifted and Talented****2012-2014**

- Assisted in the development and execution of GT curriculum and coursework.
- Taught two sections of GT classes before school to sixth through eighth graders.
- Helped to plan academic showcase for GT students in the spring.
- Developed curriculum for robotics and STEAM instruction.
- Created all curriculum resources from scratch to tailor program to the educational needs of specific students enrolled.

**Chair, Fine Arts Department****2012-2015**

- Ensured instruction in the arts follows the mission of the school and the department.
- Ensured vertical alignment of the arts curriculum.
- Planned and executed school wide fall and spring fine arts showcases.
- Reached out to community to increase awareness of the event and promote attendance.

**Latin Teacher****2012-2013**

- Wrote curriculum for a new language offering at school.
- Instructed students in the basic concepts of Latin including grammar, vocabulary, and translation.
- Helped to create a balanced curriculum to ensure the success of students.

**Fifth Grade U.S. History Teacher****2010-2012**

- Rewrote curriculum following the transition of fifth grade from lower to middle school.
- Communicated classroom expectations effectively to students, parents, and administration.
- Ensured curriculum is aligned with instruction in social studies/history from PreK-8<sup>th</sup> grade.

**RELATED EXPERIENCE****LEGO Education, Boston, MA****LEGO Education Academy Trainer/Instructional Coach****2020 – present**

- Provide training in LEGO Education hardware and software per LEA Guidelines both online and in person.
- Answer product questions for teachers.
- Create school specific coaching plans for existing LEGO Education customers.
- Attend all LEA Trainer events for updates and professional growth.
- Continually work to improve product knowledge, teaching skills, and coaching skills.
- Maintain an NPS score of 85% or better with a goal each quarter of 90% or better.

**The LEGO Store, Houston, TX****Floor Supervisor/Brick Specialist****2015 – present**

- Provide excellent customer service.
- Educate staff and customers on new products.
- Engage customers with play opportunities and share with them features of products.
- Serve as STEM product specialist giving demos on all technology-based products to both staff and customers.
- Serve as floor leader/shift supervisor as needed by management.
- As floor supervisor, oversaw floor staff and handle general operation of the store in the absence of upper management.
- As floor leader, coach and train new hires on best practices.
- As floor leader, provide touch bases with each staff member as they came on shift.

**PRESENTATIONS**

"Bletchley Park 2.0: Cryptography Across the Curriculum"

Given at TCCA 2019

**2019**

"Team Up! Using Microsoft Teams to Enhance Productivity and Learning"

Given at TCCA 2019

**2019**

"Bletchley Park 2.0: Cryptography Across the Curriculum"

Given at TCEA

**2018**

"Brick by Brick Storytelling: Using LEGO in Digital Publishing"

Given at SBS TechFest

**2017**

"No Escape from Learning: Breakout EDU in the Classroom"

Given at SBS TechFest

**2017**

"Blast Off to Learning: Kerbal EDU in the Science Classroom"

Given at TCCA 2016

**2016**

"Brick by Brick Storytelling: Using LEGO in Digital Publishing"

Given at ISTE 2017

**2017**

"Codebreaking Across the Curriculum: Cryptanalysis in the Classroom"

Given at TCCA 2017

**2017**

"Engineering PreK: DUPLO in the EC Classroom"

Given at TCCA 2016

**2016**

"Brick by Brick Storytelling: Using LEGO in Digital Publishing"

Given at TCCA 2016

**2016**

"Beyond the Brick: LEGO Robotics in the Classroom"

Given at TCCA 2016

**2016**

"Digital Storytelling with Aurasma"

Given at Second Baptist Tech Fest

**2015**

“Teaching Science with Kerbal Space Program” Given at TCCA 2015	2015
“Engineering Storytime: Lego Story Starters in the Classroom” Given at TCCA 2015	2015
“Bletchley Park 2.0: Cryptography Across the Curriculum” Given at ACTABS 2015	2015
“A Book Fair Success Story” Given at TLA District 8 Conference	2013

**PUBLICATIONS AND PAPERS**

<i>Multiple book and app reviews</i> Book and iPad app reviews written for <i>School Library Journal</i> and <i>Library Journal</i>	2011-2020
“Our Place in the Universe: The Importance of Story and Storytelling in the Classroom” Feature article in <i>Knowledge Quest</i> , the journal of the American Association of School Librarians	2017
“What Are They Reading – Elementary Edition” Column written for <i>School Library Journal</i> ’s online newsletter	2012
“Keeping History Alive” Published in Richard Byrne’s book <i>Best Digital Storytelling Examples and Resources</i>	2012
“Working Independently: One Librarian’s Experiences Flying Solo in an Independent School Library” Feature article in <i>Knowledge Quest</i> , the journal of the American Association of School Librarians	2011

**LANGUAGES**

English – Native Language

**PROFESSIONAL MEMBERSHIPS**

Texas Computer Educators Association Member ROBO-SIG	
International Society for Technology in Education	
Texas Library Association Lone Star Reading List Committee 2016-2017 Highsmith Committee Member 2010-2012 Spirit of Texas Reading Program Committee Member 2011-2015 Texas Association of School Librarians Member	
Houston Area Independent School Library Network (HAISLN) Past President (Advisory Role) 2012-2013 President 2011-2012 Vice-President 2011 Reading List Editor in Chief 2009-2012 7 <sup>th</sup> -8 <sup>th</sup> Grade Reading List Committee 2009-2022 9 <sup>th</sup> -12 <sup>th</sup> Grade Reading List Committee 2016-2022	