

# Bart Taylor, Ed.D.

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A dedicated educator with over twenty years of experience in Nonprofit Organizations and in Career and Technical Education. Offer a proven track record of commended performance in teaching and leadership, with a passion for education and a commitment to continually pursue student, teacher and community success. Experience includes nonprofit executive board coordination, nonprofit financial stewardship, organizational management, social media communication specialization, Entrepreneurial Operating Systems, brand recognitions, audio/video broadcasting and production, communications outreach, undergraduate and graduate university lecturing, high school classroom teaching, motivational speaking, professional development planning/presenting, webpage administration, and SkillsUSA operations.

## Education

2020 – 2021	<b>Graduate Executive Certificate in Nonprofit Leadership</b> <i>Harvard University, Kennedy School Executive Education</i>
2014 – 2018	<b>Ed.D. Curriculum and Instruction</b> Specialization: Career and Technology Education, Career and Technology Student Organizations, Educational Technology, Teacher Leadership <i>Texas A&amp;M University, Distinguished Honor Graduate</i>
2011 – 2012	<b>Texas Public Education - Administrative Certification</b> <i>Lamar University</i>
2009 – 2011	<b>M.Ed. Educational Leadership</b> <i>Lamar University</i>
2002 – 2009	<b>B.S. Industrial Technology Education</b> <i>Sam Houston State University</i>
1994 – 1997	<b>Chemical Engineering degree plan</b> <i>Texas A&amp;M University</i>

## Certifications

2016 – Present	<b>Certified Virtual Instructor with Texas Virtual School Network</b>
2015 – Present	<b>Texas State Principal Certification</b>
2003 – Present	<b>State of Texas Teacher Certification</b>
2011 – Present	<b>ACA – Adobe Certified Associate</b>
2001 – Present	<b>CompTIA Network+ Certification</b>
2000 – Present	<b>CompTIA A+ Certification</b>

## Professional Experience

2018 – Present	<b>District Coordinator/Membership Specialist</b> , SkillsUSA Texas Association, High School/Secondary Inc. Non-profit.
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Responsibilities include fostering new relationships and building on existing relationships with business and industry, school administrators, and teachers, while improving the capacity for success among existing local SkillsUSA Texas chapters. Help to develop cooperative relationships with key stakeholders in targeted regional areas, as well as in the Texas Education Agency. Development of and training in curriculum and instructional materials for local and regional program improvement. Essential functions include:

- Develop and execute plans to transition to Virtual Platforms for local, state and National conferences and events during the COVID-19 pandemic, including production of live broadcasting of events, awards, and ceremonies;

## Professional Experience -continued-

- Cultivate and maintain a communication system creating regular contact with key stakeholders;
- Establish and maintain brand recognition through social media outreach;
- Implement local, district and regional strategies for the growth of SkillsUSA Texas;
- Utilize outreach strategies to increase business and industry partnerships to support student career readiness;
- Design and execute Professional Development workshops that apply current SkillsUSA educational resources to ensure membership growth and participation;
- Collaborate with the Texas Education Agency to foster relationships that encourages membership growth and participation, and support the alignment of CSTOs in TEKS implementation;
- Strategize with school district administration to build or enhance the experiences of SkillsUSA Texas within new or existing chapters;
- Administer, support and maintain District Leadership and Skills Conferences including budgeting, competition logistics, and tabulation;
- Assist in the planning, support and execution of the SkillsUSA Texas Leadership and Skills Conferences, Summer Leadership Conference, and Texas Legislative Day;
- Assist the Executive Director in the development of the annual business plan which includes efficient budgeting, implementation of goals, national office initiatives, and State Officer management.

2015 – Present **TIVA Executive Board**, Texas Industrial Vocation Association, Non-profit.

The executive board is an eight-year responsibility to the TIVA organization. Positions held while on the board include, District 7 Board Member, President-elect, President and soon to be Past-President. The responsibilities of the executive board include the management and operations of the affairs and funds of the association, which is subject to the support and expression of the membership. Essential functions include:

- Establish Strategic planning for 1, 3 and 10 years;
- Define organizational core values expressed in the organizational Mission and Vision statements;
- Development of the of an annual business plan which includes detailed annual budgeting and annual strategic goals;
- Identify managerial procedures to guide operations of the association;
- Coordinate board of director committee activities and assignments;
- Evaluate the accomplishments of the association through the performance of the Executive Director;
- Authorize expenditures;
- Preside over all Board meetings;
- Coordinate the activities of the state board of directors, including annual meetings, with the executive director;
- Act as liaison for the Texas Education Agency to support legislative initiatives and tasks;
- Collaborate with the State Board of Education, and the Texas Education Agency to foster relationships that encourages membership affiliation, legislative participation, TEKS reviews and curricular committees, and support the alignment of Perkins funding for CTE and CTSOs.

## University Experience

2015 – Present **Lecturer**, Department of Teaching, Learning and Culture, College of Education, *Texas A&M University*

## University Experience *-continued-*

- 2017 – Present **Lecturer**, Department of Science and Engineering Technology,  
College of Sciences, *Sam Houston State University*
- 2009 – 2019 **Professor**, Computer Information Technology Department  
*Blinn College*
- 2016 – 2017 **Grant Assistant**, Catapult Grant Research Assistant, Texas A&M  
University
- 2014 – 2016 **Research Team Member**, Research Experience for Teachers,  
Engineering Technology Department, College of Engineering, *Texas A&M  
University*

## Classroom Experience

- 2000 – 2018 **Information Technology Teacher**, Career and Technology Department  
A&M consolidated High School

Courses Taught Principals of Information Technology, Computer Maintenance,  
Telecommunications and Networking, Web Page Design, Computer Cyber  
Security, Research and Solutions in Information Technology

### *Key Roles*

- 2009 – 2018 High School Website Developer and Administrator
- 2001 – 2018 SkillsUSA Head Sponsor
- 2001 – 2015 Tiger Robotics Head Sponsor
- 2002 – 2016 Gay Straight Alliance Sponsor
- 2013 – 2015 Campus Technology Facilitator
- 2008 – 2014 District Instructional Coach
- 2003 – 2008 District Curriculum Coach
- 2010 – 2012 Personnel Advisory Committee

## Professional Memberships

- 2000 – Present **SkillsUSA**, *member*
- 2000 – Present **Texas Industrial Vocational Association**, TIVA Executive Board, Board  
of Directors, *member*
- 2015 – Present **Association for Career and Technical Education**, *member*
- 2015 – Present **ITSE – International Society for Technology in Education**, *member*
- 2015 – Present **AERA – American Educational Research Association**, *member*
- 2015 – 2020 **Kappa Delta Pi – International Honor Society in Education**, *member  
Mu Chi Chapter*
- 2015 – 2018 **Teaching, Learning and Culture Graduate Students Association**,  
*member*
- 2015 – 2020 **Pi Lambda Theta**, National Honor Society for Educators, *member*
- 2013 – Present **Texas Computer Educations Association**, *member*
- 2012 – Present **Aggie Allies**, former Board, *member*
- 2004 – Present **Electronics, Engineering, Information Technology Teachers of  
Texas**, e2it3, former President, *member*
- 2007 – Present **Iota Lambda Sigma**, ILS, ex-officio board, *member*
- 2010 – 2014 **SkillsUSA National Education Team**, Computer Maintenance, *member*
- 2001 – 2015 **Boosting Engineering Science and Technology**, BEST Robotics,  
mentor, *member*
- 2012 – 2014 **Aggie Allies**, former Board, *member*

## Grants and Funding

2020	<b>Department of Defense Cyber Scholarship Program, Institutional Capacity Building Annex II</b> , Texas A&M University Cyber Security and SkillsUSA Cyber Security CTF program, \$200,000
2017	<b>A Tiger Promise for Family Promise – Installing IT services for a Homeless Shelter</b> , Lowe’s, \$25,000
2018, 17, 16	<b>International Wireless Communication Conference scholarship</b> , Electrician Technical Association, \$5,000
2018, 17, 16, 15	<b>Models of Excellence Chapter</b> – SkillsUSA, \$10,000
2015	<b>Color for the Colorblind - EnChroma Glasses</b> , College Station ISD Education Foundation, \$1000
2015	<b>Website Widgets A&amp;M Consolidated High School Website</b> , Atheltics.com, \$1000
2014	<b>Recreate Your World 3D Digitizer</b> , College Station ISD Education Foundation, \$800
2014	<b>HEB Excellence in Education Secondary Leadership, \$11,000</b>
2013	<b>iFixit.com Cell Phone Tools</b> , College Station ISD Education Foundation, \$1000
2013	<b>VEX Robotics Grant</b> , Texas Workforce Commission, \$2000
2013	<b>OSHA Training Grant</b> , Lowes Foundation, \$2200
2009	<b>Harnessing Ghost Passive Power from Electrical Outlets</b> , MIT InvenTeams, Semi-Finalist for \$15,000
2008	<b>SkillsUSA National Community Building Grant – Computer for the Community</b> , Lowes Foundation, \$10,000

## Professional Development, Reviews and Responsibilities

2003 - Present	<b>National Leadership and Skills Conference, SkillsUSA, Louisville, KY (forming in Kansas City, MO)</b> , national leadership and skills conference and technical contest
2017 - Present	<b>ACTE National Vision Conference</b> , attended the national conference on career and technical education. Present sessions and serve on national committees. 2017 Nashville, 2018 San Antonio, 2019 Anaheim, 2020 Nashville Virtual
2017 - Present	<b>Region 4 ACTE Conference</b> , attended the regional conference on career and technical education. Present sessions and serve on regional committees. 2016 San Antonio, 2017 Biloxi, 2018 Las Vegas, 2019 Oklahoma City, 2020 New Orleans Virtual, 2021 Virtual
2018	<b>World Skills Conference, Amsterdam, NL</b> , attended the global conference on vocational and technical education.
2017	<b>World Skills Conference, Abu Dhabi UAE</b> , attended the global conference on vocational and technical education hosted during the World Skills event
2017 - 2022	<b>TIVA Executive Board</b> , serving as President-Elect for 2017-2018, President for 2019-2020 and Past President for 2021-2022
2010 - 2018	<b>SkillsUSA Texas District 7 Director</b> , Responsibilities for all duties in running SkillsUSA Texas District 7. Major duties include coordinating District 7 competition, Fall Leadership Conference, Officer Advisory, Director Advisory Board and summer leadership Camp. Manage District 7 Budget and Personnel, Participate on the State SkillsUSA Advisory Board Team.
2012 - 2018	<b>Washington Leadership Training Institute, SkillsUSA, Washington D.C.</b> , SkillsUSA leadership conference on national CTE advocacy
2019 - Present	<b>Consultant - Texas Education Agency New CTE Teacher Conference</b> , provide guidance and support for CTE new teachers in Texas, and the needs of pre-service CTE educators

## Professional Development, Reviews and Responsibilities *-continued-*

2016 - 2018	<b>Educational Consulting, Student of Strength</b> , online on demand tutoring application
2017 - 2018	<b>CTSO and IT subject matter expert, Texas Education Agency New CTE Teacher Conference</b> , statewide conference for new CTE teachers to learning about new TEKS, CTSOs and classroom management
2017	<b>Subject Matter Expert in IT, Texas Education Agency CTE TEKS Professional Scope and Sequence</b> , statewide development leading to developing the new CTE Information Technology TEKS scope and sequence documents
2015 - 2020	<b>TAMU Conference for Chinese Teachers</b> , presented and provided personal guided tours of A&M Consolidated High School for the visiting educators. 2017, 2016, 2015
2012 - Present	<b>TAMU ChallengeWorks</b> , ropes facilitator
2009 - 2018	<b>Blinn College CIT Advisory Board</b> , Computer Information Technology board member
2012 - 2014	<b>Aggie Allies</b> , Board member
2015	<b>TAMU TEDx</b> , Motivating the 21st Century Learner TED Talk presented at Texas A&M University
2014 - 2018	<b>Cyber Patriot</b> , national level cyber security contest hosted by the United States Airforce
2017	<b>PICO CTF</b> , national level cyber security capture the flag contest
2016 - 2018	<b>Texas Education Agency CTE TEKS Professional Development assistant</b> , statewide professional development lead to develop online training on the new CTE Information Technology TEKS
2013 - 2018	<b>Texas Education Agency TEKS Review Panel</b> , Statewide curriculum review and rewrite committee for Information Technology TEKS and Webpage Design TEKS
2013 - 2015	<b>A&amp;M Consolidated High School Campus Technology Facilitator</b> , Support high school staff needs for technology professional development training as well as support in technology assistance.
2010 - 2014	<b>Differentiated Instruction Team - College Station ISD</b> , One of ten high school teachers sent to the Differentiated Instructional conference in Orlando, FL to learn how to implement and teach others to use differentiated instructional strategies.
2007 - Present	<b>TIVA &amp; E2IT3 Conference Coordinator</b> , Coordinate all professional development sessions for participating teachers, and communicate association needs with current Industry and Business partners.
2014 - 2015	<b>Texas A&amp;M Research Experience for Teachers</b> , Participated in a six week research project with the Engineering Technology Department at Texas A&M University as part of a National Science Foundation Grant. Research implementation of Computer Vision into a 3D Printing curriculum.
2008 - 2014	<b>Instructional Coach - College Station ISD</b> , Responsibilities included staff development planning, lead presenter in the New Teacher Induction introducing new teachers to the district beliefs, culture and initiatives.
2003 - 2008	<b>Curriculum Coach - College Station ISD</b> , Responsibilities included staff development planning, horizontal curriculum alignment, vertical curriculum alignment, TEKS specificity, scope and sequence alignment.

## Honors and Awards

2018	<b>ACTE National Carl D Perkins Community Service Award Winner</b>
2018	<b>Region 4 ACTE Carl D Perkins Community Service Award</b>
2018	<b>TIVA/ILS Texas Carl D Perkins Community Service Award</b>
2018	<b>Models of Excellence, National Winner - SkillsUSA</b>

## Honors and Awards *-continued-*

2018	<b>Presidential Volunteer Service Award</b>
2017	<b>Models of Excellence, National Winner - SkillsUSA</b>
2017	<b>Presidential Volunteer Service Award</b>
2016	<b>ACTE Career and Technology Teacher of the Year National Finalist</b>
2016	<b>Region 4 ACTE Career and Technology Teacher of the Year</b>
2016	<b>Models of Excellence, National Winner - SkillsUSA</b>
2016	<b>Presidential Volunteer Service Award</b>
2016	<b>Texas State Trade and Industrial Teacher of the Year</b>
2015	<b>Models of Excellence, National Finalist - SkillsUSA</b>
2015	<b>University of Texas at Dallas – Computer Science Inspiration Award</b>
2015	<b>Presidential Volunteer Service Award</b>
2015	<b>SkillsUSA Chapter Excellence Program Gold Level Award</b>
2015	<b>SkillsUSA National Advisor of the Year Runner Up</b>
2014	<b>HEB Excellence in Education Secondary Leadership Award</b>
2014	<b>SkillsUSA TX Advisor of the Year</b>
2013	<b>BEST Robotics Legacy Award</b>
2009	<b>Texas A&amp;M Dean’s Round Table Award</b>
2007	<b>A&amp;M Consolidated High School Teacher of the Year</b>
2003	<b>A&amp;M Consolidated High School Senior Hall of Fame Honoree, 2003, 2005, 2006, 2007, 2009, 2010, 2011, 2013, 2014, 2015</b>
2007	<b>SkillsUSA TX District 7 Advisor of the Year, 2007, 2014</b>
2002	<b>College Station ISD Star Educator, 2002, 2003, 2004, 2005, 2006, 2008, 2009, 2011, 2014</b>

## Community Involvement

2012 - Present	<b>50 Men Who Can Cook Celebrity Chef</b> , community cook-off event dedicated to raise money for the College Station ISD Education Foundation, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020
2018	<b>St. Vincent DePaul</b> , configured a new website, and social media footprint for the organization.
2018	<b>Cyber Security Awareness – Middle Schools</b> , awarded A&M Consolidated Middle School with a grant to provide cyber security awareness for all middle school students.
2017	<b>Family Promise Homeless Family Shelter</b> , installed and configured the IT infrastructure for the new facility. Provided computers, laptops and office equipment for the families and volunteers.
2017	<b>Mission Waco Poverty Simulation</b> , volunteered and chaperoned a student group to live in poverty on the streets of Waco, TX for a weekend to gain a deeper understanding about poverty and homelessness.
2017	<b>Cyber Security Initiative Outreach</b> , coordinated a community service event to present safety tips in computer and internet safety
2016	<b>CyberSafe in CyberSpace? Lowes Community Safety Event</b> , coordinated a community service booth to present safety tips in computer and internet safety
2016	<b>Museum of the American GI</b> , coordinated a community service project to help the museum facility in construction and clean up.
2015	<b>Animal Food Drive</b> , coordinated a community service project for 500 Southeast Texas CTE students to collect and distribute food and toys to animal shelters
2015	<b>Mended Little Hearts of Houston</b> , coordinated a community service project for 500 Southeast Texas CTE students to create blankets to be donated to Mended Hearts

## Community Involvement -continued-

- 2017 - 2014     **Electronics for the Environment**, directed the SkillsUSA club in a project that offered a day of technology recycling for the surrounding community, old computers and electronics were collected to be recycled and reclaimed, 2007, 2009, 2014, 2015, 2016
- 2015            **HEB Excellence in Education Regional Judge**
- 2014 - Present   **TIVA Board Member**, representation for South East Texas
- 2014 - 2016     **Church council Board Member**, Congregational Representative
- 2012 - Present   **Aggie Allies Facilitator**, responsible for Ally training sessions for the Texas A&M Aggie Allies Organization
- 2013 - 2015     **Aggie Allies Board Member**, responsible for Aggie Ally association planning and funding decisions
- 2014 - Present   **Blinn Computer Information Technology Board Member**, responsible for the Blinn CIT department planning, curriculum and funding decisions
- 2014 - Present   **Noble Men of No Shave November**, created, organized and promoted the Noble Men of No shave November community service fundraiser, the event was designed to raise awareness for men's health and raise money to support those affected by prostate cancer.
- 2014 - Present   **Chamber of Commerce Youth Career Fair**, sponsor of an educational booth that promotes careers in Engineering, Science and Technology directed towards middle school students from surrounding counties
- 2008 - Present   **Tiny Tim Christmas Caroling**, lead groups around the community to sing holiday carols to raise money for Project Sunshine, a program that supports students in College Station ISD during the holidays

## Professional Presentations

- Taylor, B.** (2020, Sep). New Teacher Session – School Law, Ethics and Logistics, *Texas Industrial Vocational Association New Teacher Conference*, Virtual.
- Taylor, B.** (2020, Sep). New Teacher Session – CTSO Overview, *Texas Industrial Vocational Association New Teacher Conference*, Virtual.
- Taylor, B.** (2020, July). Special Needs Population Contests in SkillsUSA, *Texas Industrial Vocational Association Summer Conference*, Virtual.
- Taylor, B.** (2020, July). Beyond the Contest – SkillsUSA opportunities including leadership, scholarships and grants, *Texas Industrial Vocational Association Summer Conference*, Virtual.
- Taylor, B.** (2020, July). SkillsUSA Chapter Excellence Framework, *Texas Industrial Vocational Association Summer Conference*, Virtual.
- Taylor, B.** (2020, Jan). SkillsUSA Texas Middle School Initiative Overview, *TASSP – Making Middle Schools Matter Conference*, Texas Association of Secondary School Principals, Austin, TX.
- Taylor, B.** (2020, Jan). SkillsUSA Texas – The Inside Story, *Career and Technical Association of Texas Conference*, San Antonio, TX.
- Taylor, B.** (2020, Jan). Beyond the Contest – SkillsUSA opportunities including leadership, scholarships and grants, *Texas Industrial Vocational Association Mid-Winter Conference*, Corpus Christi, TX.

## Professional Presentations -continued-

- Taylor, B.** (2020, Jan). SkillsUSA Chapter Excellence Framework 2.0, *Texas Industrial Vocational Association Mid-Winter Conference*, Corpus Christi, TX.
- Taylor, B.** (2019, December). Transformative Effects from 21st Century Community Service, *ACTE Vision Conference*, Association of Career and Technical Education, Anaheim, CA.
- Taylor, B.** (2019, November). SkillsUSA Framework Essentials, *Texas Region IV Education Service Center CTE Conference*, Houston, TX.
- Taylor, B.** (2019, July). Generation T – Promoting the Skilled and Technical Trades in America, District 13 SkillsUSA Texas Fall Leadership, *McCallen*, TX.
- Taylor, B.** (2019, July). Learn 5 Key Practices to Transform your Program into a Certification and Job-Ready Focused Dynasty, *TestOut Experience Conference*, Salt Lake City, UT.
- Taylor, B.** (2019, July). Beyond the Contest – SkillsUSA opportunities including leadership, scholarships and grants, *Texas Industrial Vocational Association Summer Conference*, Corpus Christi, TX.
- Taylor, B.** (2019, July). New Teacher Session – School Law, Ethics and Logistics, *Texas Industrial Vocational Association Summer Conference*, Corpus Christi, TX.
- Taylor, B.** (2019, July). SkillsUSA Chapter Excellence Framework, *Texas Industrial Vocational Association Summer Conference*, Corpus Christi, TX.
- Taylor, B.** (2019, Feb). SkillsUSA Chapter Excellence Framework, *Apprenticeship and Training Association of Texas Conference*, San Antonio, TX.
- Taylor, B.** (2019, Jan). SkillsUSA Chapter Excellence Framework, *Career and Technical Association of Texas Conference*, San Antonio, TX.
- Taylor, B.** (2019, Jan). New Teacher Session – School Law, Ethics and Logistics, *Texas Industrial Vocational Association Mid-Winter Conference*, Corpus Christi, TX.
- Taylor, B.** (2019, Jan). SkillsUSA Chapter Excellence Framework, *Texas Industrial Vocational Association Mid-Winter Conference*, Corpus Christi, TX.
- Taylor, B.** (2018, Nov). Unpacking the TEKS, *TEA New CTE Teacher Conference*, Austin, TX.
- Taylor, B.** (2018, November). SkillsUSA Chapter Excellence Framework, *Texas Region IV Education Service Center CTE Conference*, Houston, TX.
- Taylor, B.** (2018, July). Round Table – IT and STEM Certifications in Texas, *Texas Industrial Vocational Association Summer Conference*, Irving, TX.
- Taylor, B.** (2018, July). Best Curriculum Practices in IT and STEM in Texas, *Texas Industrial Vocational Association Summer Conference*, Irving, TX.
- Taylor, B.** (2018, July). New Teacher Session – School Law, Ethics and Logistics, *Texas Industrial Vocational Association Summer Conference*, Irving, TX.
- Taylor, B.** (2018, July). SkillsUSA Chapter Excellence Program, *Texas Industrial Vocational Association Summer Conference*, Irving, TX.

## Professional Presentations -continued-

- Taylor, B.** (2018, July). Keynote Speaker, Models of Excellence – Business and industry Luncheon, *SkillsUSA National Leadership and Skills Conference*, Louisville, KY.
- Taylor, B.** (2018, July). Reflections on Models of Excellence for Educators, *SkillsUSA National Leadership and Skills Conference*, Louisville, KY.
- Taylor, B.** (2018, July). Reflections on Models of Excellence for Chapter Officers, *SkillsUSA National Leadership and Skills Conference*, Louisville, KY.
- Taylor, B.** (2018, Jan). Round Table – IT and STEM Education in Texas, *Texas Industrial Vocational Association Mid-Winter Conference*, Montgomery, TX.
- Taylor, B.** (2017). CTE Information Technology Education in Texas, TAMU Conference for Chinese Teachers, College Station, TX.
- Taylor, B.** (2017, Nov). New CTE IT TEKS Curriculum in Texas, *TEA New CTE Teacher Conference*, Austin, TX.
- Taylor, B.** (2017, Nov). Unpacking the TEKS, *TEA New CTE Teacher Conference*, Austin, TX.
- Taylor, B.** (2017, Nov). Career and Technology Student Organization Panel, *TEA New CTE Teacher Conference*, Austin, TX.
- Taylor, B.** (2017, July). New CTE IT and STEM TEKS Curriculum in Texas, *Texas Industrial Vocational Association Summer Conference*, Irving, TX.
- Taylor, B., & Laub J.** (2016). Certified Teacher Training: Information Technology Education, TAMU Conference for Chinese Teachers, College Station, TX.
- Caldwell H., & **Taylor, B.** (2016). Give Me the Good Stuff: What Pre-service Teachers Really Need to Know to Use Technology in their Classroom, Critical Questions in Education Conference, San Antonio, TX.
- Taylor, B.** (2016, June). Round Table – IT and STEM Education in Texas, *Texas Industrial Vocational Association Mid-Winter Conference*, San Antonio, TX.
- Taylor, B., & Laub J.** (2015). Certified Teacher Training: Information Technology Education, TAMU Conference for Chinese Teachers, College Station, TX.
- Taylor, B.** (2015, April). Motivating the 21st Century Learner. TAMU TEDx 2015, Retrieved from <http://www.tedxtamu.com/> Published.
- Taylor, B.** (2015, June). Knowing the Heart – Lessons on Love, *SkillsUSA Summer Leadership Conference*, Burnet, TX.
- Taylor, B.** (2015, July). Round Table – Engineering, Electronics, Information Technology Curriculum Opportunities, *Texas Industrial Vocational Association Summer Conference*, Houston, TX.
- Taylor, B.** (2015, July). Round Table – Engineering, Electronics, Information Technology Contest Opportunities, *Texas Industrial Vocational Association Summer Conference*, Houston, TX.
- Taylor, B.** (2015, January). Me and My 3D Printer, *Texas Industrial Vocational Association Mid-Winter Conference*, San Antonio, TX.

## Professional Presentations -continued-

- Taylor, B.** (2014, November). Generating STEAM. Pecha Kucha – Downtown Bryan, Retrieved from <http://www.pechakucha.org/users/bart-taylor> Published.
- Taylor, B.** (2014, June). Overcoming Challenges in Life, *SkillsUSA Summer Leadership Conference*, Mo Ranch, Hunt, TX.
- Taylor, B.** (2014, July). Round Table – STEM Education in Texas, *Texas Industrial Vocational Association Summer Conference*, Irving, TX.
- Taylor, B.** (2014, July). Round Table – IT Education in Texas, *Texas Industrial Vocational Association Summer Conference*, Irving, TX.
- Taylor, B.** (2014, January). Me and My 3D Printer, *Texas Industrial Vocational Association Mid-Winter Conference*, San Antonio, TX.
- Taylor, B.** (2013, June). Finding One’s Inner Courage, *SkillsUSA Summer Leadership Conference*, Mo Ranch, Hunt, TX.
- Taylor, B.** (2013, July). Open Source Curriculum – Education Belongs to the People, *Texas Industrial Vocational Association Summer Conference*, Irving, TX.
- Taylor, B.** (2013, July). Post-Secondary opportunities in Engineering, Electronics, Information Technology in Texas, *Texas Industrial Vocational Association Summer Conference*, Irving, TX.
- Taylor, B.** (2013, January). Round Table – Engineering, Electronics, Information Technology Contest Opportunities, *Texas Industrial Vocational Association Mid-Winter Conference*, Austin, TX.
- Taylor, B.** (2013, August). Differentiated Instruction, Team Building, Classroom Technology, Lesson Design and Gergoric Mindsets, *College Station ISD New Teacher Induction*, College Station, TX.
- Taylor, B.** (2012, August). Differentiated Instruction, Classroom Technology, Students Engagement, and Gergoric Mindsets, *College Station ISD New Teacher Induction*, College Station, TX.
- Taylor, B.** (2011, August). Classroom Management, Classroom Technology, Students Engagement, and Gergoric Mindsets, *College Station ISD New Teacher Induction*, College Station, TX.
- Taylor, B.** (2010, August). Classroom Management, Parent Communication, Students Engagement, Gergoric Mindsets and Essential Elements of Instruction, *College Station ISD New Teacher Induction*, College Station, TX.
- Taylor, B.** (2009, August). Classroom Management, Students Engagement and Gergoric Mindsets, *College Station ISD New Teacher Induction*, College Station, TX.
- Taylor, B.** (2008, August). Students Engagement, Gergoric Mindsets and Essential Elements of Instruction, *College Station ISD New Teacher Induction*, College Station, TX.
- Taylor, B.** (2003 - 2005, August). Curriculum Mapping Vertical and Horizontal Alignment, *College Station ISD New Teacher Induction*, College Station, TX.

## Publications

- Taylor, B.** (2018). Funding Career and Technical Student Organizations: Determining the Value of the CTSO Experience. Texas A&M University.
- Taylor, B.** (2017). Evaluating the benefit of the maker movement in K-12 STEM education. *Electronic International Journal of Education, Arts, and Science*, 2, 1-22.
- Taylor, B., & Laub, J.** (2016). Examining the value of BYOD in secondary education. *National Forum of Teacher Education Journal*, 26(1&2).
- Taylor, B., Song, D., and Hsieh, S.**(2016). MAKER: From 2D projective geometry to 3D object recognition and 3D printing process for high-school students, *ASEE Annual Conference*, New Orleans, LA

## References

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