

Bart Taylor

www.bart-taylor.com

A Dedicated career and technology teacher with eighteen years of experience in the classroom. Offer a proven track record of commended performance in teaching, and leadership, with a passion for education and a commitment to continually pursue student, school and district success. Experience includes classroom teaching, motivational speaking, district curriculum and instructional coaching, professional development planning/presenting, high school webpage administrator, TIVA Board Member, e2it3 President, robotics/engineering club head sponsor, Gay Straight Alliance sponsor and SkillsUSA Texas District 7 Director. Currently enrolled at Texas A&M University pursuing an Ed.D. in curriculum and instruction in the department of Teaching, Learning and Culture in the College of Education. Plans are to pursue furthering my career in education at the district and university levels.

Education

- 2014 – Present **Ed.D. graduate student in Curriculum and Instruction**
Specialization: Career and Technology Education, Career and Technology Student Organizations, Educational Technology, Teacher Leadership
Texas A&M University
- 2011 – 2012 **Administrative Certification**
Lamar University
- 2009 – 2011 **M.Ed. Educational Leadership**
Lamar University
- 2002 – 2009 **B.S. Industrial Technology Education**
Sam Houston State University
- 1994 – 1997 **Chemical Engineering degree plan**
Texas A&M University

Certifications

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

University Experience

- 2015 – Present **Assistant Lecturer**, Department of Teaching, Learning and Culture, College of Education, *Texas A&M University*
- 2017 – Present **Lecturer**, Department of Science and Engineering Technology, College of Sciences, *Sam Houston State University*
- 2009 – Present **Professor**, Computer Information Technology Department
Blinn College
- 2016 – 2017 **Grant Assistant**, Catapult Grant Research Assistant, Texas A&M University
- 2014 – 2015 **Research Team Member**, Research Experience for Teachers, Engineering Technology Department, College of Engineering, *Texas A&M University*

Undergraduate Courses Taught

TEFB 322	Teaching and Schooling in Modern Society, <i>Texas A&M University</i> , spring 2018, fall 2017
EDCI 365	Using Technology in Classrooms, <i>Texas A&M University</i> , spring 2018, fall 2017, spring 2017, fall 2016, fall 2015
TEFB 273	Introduction to Poverty, Culture, Community, Society and Schools, <i>Texas A&M University</i> , spring 2017, fall 2016, fall 2015
INED 4364	Methods of Teaching Industrial Subjects, <i>Sam Houston State University</i> , fall 2017
INED 4382	Work Based Learning, <i>Sam Houston State University</i> , fall 2017
INED 4391	Laboratory Management, <i>Sam Houston State University</i> , spring 2017
INED 4310	Occupational Human Relations, <i>Sam Houston State University</i> , spring 2017
ITSY 1342	Information Tech, Security, <i>Blinn College</i> , fall 2016 - present
ITNW 1325	Fundamentals of Computer Networking Technology, <i>Blinn College</i> , fall 2009 - present
ITSC 1325	Personal Computer Hardware, <i>Blinn College</i> , fall 2009 - present
IMED 1316	Web Design I, <i>Blinn College</i> , fall 2012 – spring 2015
IMED 2315	Web Design II, <i>Blinn College</i> , fall 2012 – spring 2015

Classroom Experience

2000 – Present **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

2017 – Present	TIVA President-Elect
2009 – Present	High School Website Developer and Administrator
2001 – Present	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

2015 – Present	ITSE – International Society for Technology in Education , member
2015 – Present	AERA – American Educational Research Association , member
2015 – Present	Kappa Delta Pi – International Honor Society in Education , member <i>Mu Chi Chapter</i>
2015 – Present	Teaching, Learning and Culture Graduate Students Association , member
2015 – Present	Pi Lambda Theta , National Honor Society for Educators, member
2015 – Present	Association for Career and Technical Education , ACTE, member
2013 – Present	Texas Computer Educations Association , TCEA, member
2012 – Present	Aggie Allies , former Board, member
2004 – Present	Electronics, Engineering, Information Technology Teachers of Texas , e2it3, President, member
2001 – Present	Texas Industrial Vocational Association , TIVA, Board of Directors, member

2001 – Present **SkillsUSA**, District 7 Director, 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

Services to the University

2017 **TAMU Conference for Chinese Teachers**, presented and provided personal guided tours of A&M Consolidated High School for the visiting educators. 2017, 2016, 2015
 2016 **Education Resource Center – Catapult Grant intern**
 2015 – Present **SkillsUSA Texas A&M Student Chapter**, chapter advisor
 2012 – 2017 **Aggie Allies**, Allies Advance course facilitator
 2012 – Present **TAMU ChallengeWorks**, ropes facilitator
 2009 – Present **Blinn College CIT Advisory Board**, Computer Information Technology board member
 2012 – 2014 **Aggie Allies**, Board member

Publications

Taylor, B. (2016). 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

Professional Presentations

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.
- 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.

Peer Review

A thematic analysis of the Maker movement in cyberspace across cultural contexts - <https://www.asee.org/public/conferences/64/papers/16803#sthash.QLI5dfp5.dpuf>

Grants and Funding

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

Professional Development, Reviews and Responsibilities

2017	World Skills Conference, Abu Dhabi UAE , attended the global conference on vocational and technical education hosted during the World Skills event
2017 - 2022	TIVA Executive Board , serving as President-Elect for 2017-2018, President for 2019-2020 and Past President for 2021-2022
2012 - 2017	Washington Leadership Training Institute, SkillsUSA, Washington D.C. , leadership conference on national CTE advocacy
2003 - 2017	National Leadership and Skills Conference, SkillsUSA, Louisville, KY (forming in Kansas City, MO) , national leadership and skills conference and technical contest
2017	Educational Consulting, Student of Strength , online on demand tutoring application
2017	CTSO and IT subject matter expert, Texas Education Agency New CTE Teacher Conference , statewide conference for new CTE teachers to learning about new TEKS, CTSOs and classroom management
2017	Subject Matter Expert in IT, Texas Education Agency CTE TEKS Professional Scope and Sequence , statewide development leading to developing the new CTE Information Technology TEKS scope and sequence documents
2014 - present	Cyber Patriot , national level cyber security contest hosted by the United States Airforce
2017	PICO CTF , national level cyber security capture the flag contest
2016 - 2017	Texas Education Agency CTE TEKS Professional Development assistant , statewide professional development lead to develop online training on the new CTE Information Technology TEKS
2013 - 2015	Texas Education Agency TEKS Review Panel , Statewide curriculum review and rewrite committee for Information Technology TEKS and Webpage Design TEKS
2013 - 2015	A&M Consolidated High School Campus Technology Facilitator , Support high school staff needs for technology professional development training as well as support in technology assistance.
2012 - Present	SkillsUSA Texas District 7 Director , 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.
2010 - 2014	Differentiated Instruction Team - College Station ISD , 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	TIVA & E2IT3 Conference Coordinator , Coordinate all professional development sessions for participating teachers, and communicate association needs with current Industry and Business partners.
2014 - 2015	Texas A&M Research Experience for Teachers , 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	Instructional Coach - College Station ISD , Responsibilities included staff development planning, lead presenter in the New Teacher Induction introducing new teachers to the district beliefs, culture and initiatives.

2003 – 2008 **Curriculum Coach – College Station ISD**, Responsibilities included staff development planning, horizontal curriculum alignment, vertical curriculum alignment, TEKS specificity, scope and sequence alignment.

Honors and Awards

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

Community Involvement

2017 **Family Promise Homeless Family Shelter**, installed and configured the IT infrastructure for the new facility. Provided computers, laptops and office equipment for the families and volunteers.
2017 **Mission Waco Poverty Simulation**, 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 **Cyber Security Initiative Outreach**, coordinated a community service event to present safety tips in computer and internet safety
2017 **50 Men Who Can Cook Celebrity Chef**, community cook-off event dedicated to raise money for the College Station ISD Education Foundation, 2012, 2013, 2014, 2015, 2016, 2017
2016 **CyberSafe in CyberSpace? Lowes Community Safety Event**, coordinated a community service booth to present safety tips in computer and internet safety
2016 **Museum of the American GI**, coordinated a community service project to help the museum facility in construction and clean up.
2015 **Animal Food Drive**, coordinated a community service project for 500 Southeast Texas CTE students to collect and distribute food and toys to animal shelters
2015 **Mended Little Hearts of Houston**, coordinated a community service project for 500 Southeast Texas CTE students to create blankets to be donated to Mended Hearts

- 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

References

- Barbara Klein **VizLab Lecturer, Texas A&M University**, bklein@tamu.edu
- Gwen Elder **Principal A&M Consolidated High School**, gelder@csisd.org
- Diana Ferguson **Executive Director of TIVA**, diana@tiva.org
- Janet Conner **Executive Director of SkillsUSA Texas**, janet@skillsusatx.org
- Judy McLeod **Former College Station ISD Director of Career and Technology Education**, journeymcleod@gmail.com
- Dan DeLeon **Pastor of Friends Congregational Church**, pastor@friends-ucc.org