

Name: Bart Taylor

Title, position: Lecturer

Department of Agricultural Sciences and Engineering Technology

College of Sciences

Degrees Earned

- 2015 – Present Ed.D. student in Curriculum and Instruction
 Specialization: Educational Technology, Career and Technology Education,
 Teacher Leadership, Student and Faculty Motivation
 Texas A&M University
- 2001 – 2012 Administrative Certification
 Lamar University
- 2009 – 2011 M.Ed. Educational Leadership
 Lamar University
- 2002 – 2009 B.S. Industrial Technology Education
 Sam Houston State University

Professional Licensure and 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

Peer-Review Publications and Artistic Performances/Exhibitions

- 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

Refereed Abstracts

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

Research Monographs and Technical Reports

Funded External Grants

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

Peer-Review Presentations/Posters

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.

Work or Professional Experiences

University Experience

2015 – Present	Assistant Lecturer , Department of Teaching, Learning and Culture, College of Education, <i>Texas A&M University</i>
2009 – Present	Professor , Computer Information Technology Department <i>Blinn College</i>
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, <i>Texas A&M University</i>

Undergraduate Courses Taught

EDCI 365	Using Technology in Classrooms, <i>Texas A&M University</i> , spring 2017, fall 2016, fall 2015
TEFB 273	Introduction to Poverty, Culture, Community, Society and Schools, <i>Texas A&M University</i> , fall 2015, fall 2016
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 Technician, Problems and Solutions in Information Technology
<i>Key Roles</i>	
2015 – 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 Development, Reviews and Responsibilities

2013 – 2015	Texas Education Agency TEKS Review Panel , Statewide curriculum review and rewrite committee for Information Technology TEKS and Webpage Design TEKS
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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

2016	Region 4 ACTE Career and Technology Teacher of the Year
2016	Presidential Volunteer Service Award
2016	Texas State Trade and Industrial Teacher of the Year
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

Other Competencies

Services to the University

2016	Education Resource Center – Catapult Grant intern
2016	TAMU Conference for Chinese Teachers , provided personal guided tours of A&M Consolidated High School for the visiting educators. 2015
2015 – Present	SkillsUSA Texas A&M Student Chapter , chapter advisor
2012 – Present	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

Professional Memberships

2015 – Present	ITSE – International Society for Technology in Education , <i>member</i>
2015 – Present	AERA – American Educational Research Association , <i>member</i>
2015 – Present	Kappa Delta Pi – International Honor Society in Education , <i>member Mu Chi Chapter</i>
2015 – Present	Teaching, Learning and Culture Graduate Students Association , <i>member</i>
2015 – Present	Pi Lambda Theta , National Honor Society for Educators, <i>member</i>
2015 – Present	Association for Career and Technical Education , ACTE, <i>member</i>
2013 – Present	Texas Computer Educations Association , TCEA, <i>member</i>
2012 – Present	Aggie Allies , former Board, <i>member</i>
2004 – Present	Electronics, Engineering, Information Technology Teachers of Texas , e2it3, President, <i>member</i>
2001 – Present	Texas Industrial Vocational Association , TIVA, Board of Directors, <i>member</i>
2001 – Present	SkillsUSA , District 7 Director, <i>member</i>
2007 – Present	Iota Lambda Sigma , ILS, ex-officio board, <i>member</i>
2010 – 2014	SkillsUSA National Education Team , Computer Maintenance, <i>member</i>
2001 – 2015	Boosting Engineering Science and Technology , BEST Robotics, mentor, <i>member</i>

Community Involvement

2015	CyberSafe in CyberSpace? Lowes Community Safety Event , coordinated a community service booth to present safety tips in computer and internet safety
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
2015	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

2015	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