

Shannon M. Solis, Ed.D.

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SUMMARY OF QUALIFICATIONS

- Outstanding public speaking skills with experience conducting presentations and seminars at the state, regional and national levels (Achieving the Dream, American Mathematical Association of Two-Year Colleges, International Conference on Technology in Collegiate Mathematics, National Literacy Institute, and Texas Pathways Institute)
- Administrative and supervisory experience providing leadership to diverse groups with competing interest spanning more than nineteen years in education at the secondary and postsecondary levels; and staunch advocate of mission for comprehensive community colleges with service at San Jacinto College, Lone Star College, Houston Community College, and Chattanooga State Community College that spans over fourteen years
- Champion of diversity advocating for students and entities or organizations that seek to advance issues related to diversity, equity, and inclusion (HACU, TABSE, TACHE, TABPHE, Houston Hispanic Chamber of Commerce, etc.)
- Technical literacy demonstrated by website design of pages for ESL, Health Care Programs, and Testing Center during tenure at Lone Star College; High degree of competency teaching online or virtually using various learning management system (LMS) platforms; and experience serving as Committee Chair, Developmental Faculty and Technical Program Partnerships at San Jacinto College
- Budget management, planning and disbursement experience evidenced by writing and securing grants—Student Success Initiative—and administrative service as a Coordinator, Director, Assistant Director, and Assistant Principal
- Professional certifications earned include Estrada Certified; Achieve Global Certified; *Web Design Certified*; and Developmental Education Specialist
- Exceptional teaching background and knowledge of curriculum and instruction earning distinction as Distinguished Math Faculty at San Jacinto College

EDUCATION AND CREDENTIALS

Texas Southern University, Ed.D. ~ *Curriculum & Instruction*

Dissertation Topic: “*The impact of a new mathematics curriculum model on the selected demographic factors on two-year community college students*”

Texas A&M University – Commerce, M.Ed. ~ *Higher Education Administration*

Texas A&M University – Commerce, B.A. ~ *Mathematics*

Texas Tech University ~ Completed *Mathematics 30 SCHs of Graduate Coursework*

Harvard University, Completed *Post Graduate Research – Math in US vs. China*

Appalachian State University ~ Completed *Post Graduate Coursework*

CAREER PATH

San Jacinto College ~ Houston, TX (2009 – 2011; 2012 – Present)

Math Professor for Developmental & Academic & General Education

Chattanooga State Community College ~ Chattanooga, TN (2011–2012)

Math Professor

Cypress-Fairbanks ISD – Cy-Woods High School ~ Cypress, TX (2006 – 2009)

Mathematics Teacher

Lone Star College - North Harris Campus ~ Houston, TX (2001 – 2006)

Instructional Coordinator, Adult Education & Director of Business Operations & Stu Serv

Houston Can! Academy ~ Houston, TX (1998 – 2001)

Assistant Principal of Curriculum & Instruction

University of Houston-Downtown ~ Houston, TX (1997- 1998)

Assistant Director of Admissions

Texas A&M University - Commerce ~ Commerce, TX (1994 – 1997)

Interim Orientation Director/High School & Community College Advisor/Recruiter

PROFESSIONAL SERVICE

San Jacinto College Council	Diversity, Equity, and Inclusivity	2020 – Present
TABPHE Virtual Silent Auction	Chair, Scholarship Fundraiser	2020 – Present
TACRAO	Community College/Transfer Com.	2019 - Present
Texas Southern University	College of Education P-16 Council	2018 - Present
San Jacinto College Foundation	Scholarship Reader	2018 - Present
San Jacinto College	<i>Distinguished Math Faculty</i>	2013 – Present
San Jacinto College Curriculum Team	<i>Committee Member</i>	2012 – Present
San Jacinto College Math Redesign Team	<i>Committee Member</i>	2012 – 2016
San Jacinto College Policy & Procedures	<i>Committee Member</i>	2012 – 2016
TABPHE Board Member	<i>Parliamentarian</i>	2017 – Present
AEGIS Board Member	<i>Vice President</i>	2018 – 2019
PPECF Board Member	<i>Vice President</i>	2017 – 2018
ILECF Board Member	<i>President</i>	2002 – 2003
University of Tennessee – Chattanooga	<i>Math Tutor</i>	2011 – 2012
Lone Star College – Greenspoint Center	<i>Curriculum Coordinator</i>	2003 – 2006
Lone Star College – Acres Home	<i>Director of Business Operations</i>	2001 – 2003

Adjunct Faculty Experience:

University of North Texas ~ Dallas, TX (2020- Present)
Adjunct Math Education Professor

Texas Southern University ~ Houston, TX (2017 – 2020)
Adjunct Math Professor

Lonestar-CyFair – Fairbanks Center ~ Houston, TX (2011 – 2019)
Adjunct Transitional Studies Math Faculty

Houston Community College – Katy Campus ~ Katy, TX- (2010 –Present)
Adjunct Math Professor

GRANT MANAGEMENT & WRITING EXPERIENCE

San Jacinto College (2020)	Student Success Initiative	\$4,600
Harris County SB Fund (2020)	COVID-19 Business Fund	\$1,743
San Jacinto College (2019)	<i>Student Success Initiative</i>	\$4,200
San Jacinto College (2018)	<i>Student Success Initiative</i>	\$4,650
San Jacinto College (2017)	<i>Student Success Initiative</i>	\$5,000
San Jacinto College (2016)	<i>Student Success Initiative</i>	\$3,850
San Jacinto College (2015)	<i>Student Success Initiative</i>	\$4,500
San Jacinto College (2014)	<i>Student Success Initiative</i>	\$3,995
State of Texas College (2003)	St. Mary's Purification Grant	\$500

SCHOLARLY PRESENTATIONS

How to teach in Today's Virtual learning curve of COVID-19 with Co-requisites?
July 2020 Collin College – McKinney TX

Constitution and Bylaws Revision Report 2019-2020
Texas Association of Black Personnel in Higher Education (TABPHE)
State Conference – March 2020 Dallas, TX

Co-Requisite Statistics & Success Rates - ICTCM National Conference –March 2020 –
Orlando, FL.

Solis, S., Walker, S., Davis, R. & Haynes, I. (2020). *ASAP (Accelerated Statistics and Probability) Co-Requisite math class at the two-year college*. TABPHE Journal

Lewis, S.W. & Solis, S. (2019). *The influence of teacher related factors on the academic achievement of 8th grade special education students*. TABSE Journal

Math Early Childhood – 6 Prep – November 2019 University of North Texas - Dallas, TX
Math & Literacy: The Impact of Reading in Today's Math Classroom – July 2019 Collin College – Plano, TX

Co-Requisite Math in Two Year Colleges – June 2019 Collin College- Fresno, TX
National Literacy Institute on Math Literacy – June 2019 League City, TX
Math Goes Hand and Hand ICTCM National Conference – March 2019 Scottsdale, AZ
Math & Stats Education McGraw Hill Publishing Conference – March 2017 – Irvine, CA
San Jacinto College Part-time Conference – April 2017 – Adjunct Training
AMATYC Conference Poster Board Presentation on Developmental Math Delivery Methods–
November 2015 – New Orleans, LA.

Solis, S. (2014). *Math and the social cognitive theory*. Journal of Urban Education, Texas A&M University and Texas Southern University

Solis, S. (2005). *Classroom management skills*. Texas Adult Education and Literacy, Texas A&M University.

REFERENCES

Dr. Rebecca Goosen,
Associate Vice Chancellor, Student Success Transitions
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Associate Dean of Mathematics, retired August 2020
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