TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Delwin R. "Ryan" Penlerick
Title: Program Director/Professor of Practice

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
Ph.D.	2024	Capitol Technology University	Construction Science	A Mixed Methods Research Study of Construction Management Instructors' Degree and Industry Experience on Construction Education Outcomes
M.A.	2020	University of Nebraska-Lincoln	Higher Education Administration	
B.S.	2001	Colorado State University	Construction Management	

C. University Experience

Position	*University*	*Dates*
Professor of Practice/Program Director	Texas State University	10/1/2022 - Present
Adjunct Instructor	Texas State University	8/1/2021 - 10/1/2022
Contract Consultant - College of Engineering	St. Mary's University	8/1/2020 - 8/1/2021

D. Relevant Professional Experience

Position	*Entity*	*Dates*
President/Owner	Northstar Elite Construction & Consulting, LLC Northstar Elite Custom Homes, LLC Penhorn Properties, LLC G2 Concrete, LLC	2012 - 2022
Director of Preconstruction	Seven Hills Commercial	2011 - 2012
Vice President of Commercial	Galaxy Builders, Ltd	2008 - 2011
Project Manager	Galaxy Builders, Ltd	2004 - 2008
Assistant Project Manager	Galaxy Builders, Ltd	2001 - 2004
Estimator/Project Manager	M&S Concrete	1999 - 2001
Civil Engineering Specialist	Texas Air National Guard	2000 - 2007

E. Other Professional Credentials (licensure, certification, etc.)

Certificate	*Entity*	*Date Granted*
Certified Professional Constructor #7045	American Institute of Constructors	2021
Associate Constructor	American Institute of Constructors	2002
First Aid/CPR Certified	American Heart Association	last renewal 2022
OSHA 30-Hour Certification	Associated General Contractors	2011
Licensed Contractor	State of Louisiana	2011 (expired)
Licensed Contractor	City of Seguin, TX	2018 (expired)
Licensed Contractor	City of Rockport, TX	2018 (expired)

II. TEACHING

A. Teaching Awards and Honors:

B. Courses Taught:

Texas State University

CSM 1260	Introduction to Construction and Concrete
CSM 3368	Construction Finance
CSM 4361	Construction Estimating
CIM 1360	Introduction to the Concrete Industry
CIM 3340	Understanding the Concrete Construction System
CIM 3350	Precast and Prestressed Management
CIM 3366	Applications of Concrete in Construction
CIM 4398	Capstone
CIM 4290	Capstone
CIM 4299	Capstone II
CIM 4499	Capstone II

			Instructor Rating (5.0 Scale)		
Course	*Semester*	*Students*	*Learning*	*Enthusiasm*	*Organization*
CSM 1260	FA 21	55	4.20	4.48	4.54
	FA 22	57	4.51	4.70	4.70
	SP 23	64	4.31	4.66	4.73
	FA 23	67	4.27	4.56	4.65
	SP 24	72	4.39	4.70	4.80
	SP 25	91	4.40	4.51	4.50
CSM 4361	SP 21	20	4.33	4.61	4.64
	SP 22	21	4.49	4.59	4.49
CSM 3368	FA 22	20	4.66	4.68	4.59
	FA 23	21	4.32	4.55	4.61
CIM 4499	SP 23	6	4.54	5.00	4.75
	SP 24	4	4.62	4.75	4.90
CIM 4398	FA 23	4	4.77	4.95	4.82
	FA 24	5	4.78	4.69	4.78
CIM 3366	SP 24	3	4.29	4.34	4.43

CIM 3340	FA 24	19	4.75	4.56	4.56
	SP 25	22	4.39	4.50	4.50
CIM 3350	FA 24	11	4.78	4.80	4.90
CIM 4290	FA 24	6	4.78	4.69	4.78
	SP 25	8	4.92	4.56	4.66

C. Directed Student Learning:

D. Courses Prepared and Curriculum Development:

CIM 1360

- Designed and implemented new introductory course for CIM students
- Engaged with CIM NSC Education Committee and industry advisory board on content
- Created course outcomes and aligned with student learning outcomes for accreditation

CSM 1260

- Redesigned Intro course with advisory board members to include jobsite visits and 5-week guest lecturer series
- Updated all homework and student assignments to correspond with updated student learning objectives
- Updated all quizzes and exams for applicability with revised course content

CSM 3368

- Redesigned construction finance course from a residential specialization to a commercial specialization
- Updated lectures for specific topics on WIP schedules, Earned Value Management, Commercial Pay Applications
- Created a real-world exercise for construction cost controls for commercial projects

CSM 4361

- Created a semester-long experiential learning exercise where students prepared quantity takeoffs and estimates on a real-world construction project

CIM 3340

- Redesign of core curriculum course with input from CIM NSC and industry reviewer comments
- Included project management concepts with scheduling concepts previously included in course
- Introduced guest lecturer series for concrete construction project related industry partners

CIM 3350

- Developed new semester long required course in Precast and Prestressed Management

- Developed in conjunction with teaching and curriculum grants from the NPCA Foundation and PCI Foundation
- Included industry certifications of NPCA PQS-1 and PCI Level 1 QC Technician within curriculum

CIM 4499

- Revised course curriculum to include student learning objectives identified by industry partners for technical writing and RFP response
- Included a series of jobsite and plant visits for experiential learning opportunities

Concrete Industry Management Program Curriculum Redesign

- Completed a curriculum redesign of the CIM program to be effective the 2024 academic year.
- Coordinated faculty and industry meetings to discuss identified need for further in-depth coverage of student learning objectives
- Program changes included:
    - Reducing the business administration minor to 18 credit hours from 24 credit hours to match peer CIM programs;
    - Created four new CIM courses
        - CIM 1360 Introduction to the Concrete Industry
        - CIM 3350 Precast/Prestressed Management
        - CIM 4350 Advanced Concrete Technology
        - CIM 4360 Sustainability in Concrete
    - Reduced two capstone sequence back to a single capstone course, offered twice annually
    - Revised prerequisites on various courses for applicability

E. Teaching Grants and Contracts:
    a. AWARDED: PCI Foundation Curriculum Development Grant. Creating a Precast Concrete Studio. Requested $50,000 ($12,500 annually/4-year duration)
    b. AWARDED: NPCA Foundation Curriculum Development Grant. Creating a Precast Concrete Studio. Requested $50,000 ($12,500 annually/4-year duration). Joint submission with PCI Foundation Grant.

F. Submitted, but not Funded, External Teaching Grants and Contracts:

G. Funded Internal Teaching Grants and Contracts:

H. Submitted, but not Funded, Internal Teaching Grants and Contracts:

I. Other:

III. SCHOLARLY/CREATIVE

A. Works in Print
    1. Books (if not refereed, please indicate)
        a. Scholarly Monographs:
        b. Textbooks:

c. Edited Books:
d. Chapters in Books

2. Articles
    a. Refereed Journal Articles:
        1. **Penlerick, D.,** & Capano, C. (2024). Effect of Construction Management Instructors' Degree and Industry Experience on Construction Management Graduate Job Readiness. *International Journal of Construction Education and Research*, *20*(4), 523–543. https://doi.org/10.1080/15578771.2024.2404021
        2. **Penlerick, D**. & Capano, C. (2024). Quantifying Faculty Impact on Graduate Readiness: Developing and Applying the Construction Faculty Qualifications (CFQ) Score in Construction Management Education. *The Professional Constructor, 49(2),* 42-57. https://aic-builds.org/wp-content/uploads/2024/11/AIC_Journal_Fall2024.pdf
    b. B. Non-refereed Articles:
3. Conference Proceedings
    a. Refereed Conference Proceedings:
    b. Non-refereed
4. Abstracts:
5. Reports:
6. Book Reviews:
7. Other Works in Print:
    a. Penlerick, D. (2022, October). Big Changes for TXST CIM. *TACA Conveyor*. Published.
    b. Penlerick, D. (2023, April). TXST CIM Successes and Challenges. *TACA Conveyor*. Published.
    c. Penlerick, D. (2023, October). Texas State CIM Sees Record Enrollment Growth. *TACA Conveyor*. Published.
    d. Penlerick, D. (2024, April). Texas State CIM Leads the Way in Advanced Concrete Research. *TACA Conveyor*. Published.
    e. Penlerick, D. (2024, June). Empowering Tomorrow's Concrete Leaders: A Year of Industry Immersion. *TACA Conveyor*. Published.
    f. Penlerick, D. (2024, October). Building Bench Strength: Nurturing the Future of the Concrete Industry. *TACA Conveyor*. Published.
    g. Penlerick, D. (2024). Dissertation - *A Mixed Methods Research Study of Construction Management Instructors' Degree and Industry Experience on Construction Education Outcomes.*
    h. Penlerick, D. (2025, January). Building a Strong Foundation: Best Practices for Creating and Implementing an Internship Program for CIM Students. *TACA Conveyor*. Published.
    i. Penlerick, D. (2025, March). Building Connections: Engaging with Students in the CIM Program. *TACA Conveyor*. Published.
    j. Penlerick, D. (2025, June). Texas State University CIM Students Gain Industry Insights at Conferences. *TACA Conveyor*. Published.
    k. Penlerick, D. (2025, July). Shaping Precast Concrete's Future Through Education. *Ascent.* Published

B. Works Not in Print

1. Papers Presented at Professional Meetings:
2. Invited Talks, Lectures and Presentations:
3. Consultancies:
4. Workshops:
5. Other Works not in Print:
    a. Works "Submitted" or "Under Review":
    b. Works "in progress":
    c. Other works not in print:

C. Grants and Contracts
1. Funded External Grants and Contracts:
2. Submitted, but not Funded, External Grants and Contracts:
    a. **Submitted:** Moro, C., Torres, A., **Penlerick, D. (Co-PI)**. "Incorporating E5 Colloidal Nano-Silica (CNS) into Concrete Materials for Improved Alkali-Silica Reaction (ASR) Resistance and Drying Shrinkage. Specifications Products (U.S. based company). Requested $150,000. April 2023.
    b. **Submitted:** Moro, C., Torres, A., Kim, Y., **Penlerick, D. (Co-PI)**. "Optimizing Dispersion for Enhanced Sustainability and Durability of Fiber-Reinforced Concrete (FRC) Pavements with Nanomaterials, Arkansas Department of Transportation. Requested $199,999. June 2023.
    c. **Submitted:** Moro, C., Torres, A., **Penlerick, D. (Co-PI)**. "Incorporating Graphene Nanoparticles into Concrete Materials for Improved Durability and Overall Sustainability. Nabors (U.S. based company). Requested $150,000. July 2023
3. Funded Internal Grants and Contracts:
4. Submitted, but not Funded, Internal Grants and Contracts:

D. Fellowships, Awards, Honors:

1. Sigma Lambda Chi International Construction Honor Society - 2000

IV. SERVICE

A. Institutional

University Service

Texas State University	*Dates*
Attendee University Veterans Day Commemoration	Fall 2022
Guest Speaker: TXST Innovation Series Digital Twins	Spring 2023
Advisor TXST New Ventures	Spring 2023
Attendee Presidential Seminar Dr. Hiro Lee Tanaka	Spring 2023
Attendee COSE Dean Interviews/Q&A Sessions	Spring 2023
Writing Team Member of Construction Management Doctoral Proposal	Summer 2023
COSE Realignment Task Force	2024-2025
Secured $1MM Program Endowment for CIM Program	2025

College of Science & Engineering	*Dates*

Bobcat Days Attendee	2022 - Present
COSE Open House Planning Committee Member	Fall 2023
COSE Open House Participant	Fall 2023
Attend Commencement Ceremonies	2022 - 2025
Writing team member - B. Arch in Architecture program	2025
Writing team member - B.S. Construction Engineering program	2025

Department of Engineering Technology	*Dates*
Program Director of TXST CIM Program	2022 - Present
Undergraduate Student Advisor	2022 - Present
Travel to ACI Conventions	2022 - Present
Travel PCI Conventions	2022 - Present
Travel to World of Concrete	2022 - Present
Travel to ASCC Conventions	2022 - Present
Travel to NRMCA Conventions	2022 - Present
Guest Presenter TACA Conventions/Conferences	2022 - Present
Prepare Departmental Updates to CIM Program	2022 - Present
Coordinate and attend CIM Program Industry Mixers	2022 - Present
CIM Scholarship Committee	2022 - Present
CIM Patrons Board Foundation faculty coordinator	2022 - Present
CIM Representative at statewide college and career fairs	2022 - Present
CIM National Steering Committee Education Committee	2022 - Present
CIM National Steering Committee Recruiting Committee	2022 - Present
Travel to NSC Meetings 3x annually	2022 - Present
Student Travel Coordinator for CIM Conferences/Competitions	2022 - Present
Faculty sponsor Sigma Lambda Chi Internation Construction Honor Society	2023-Present
ATMAE Accreditation Coordinator	Fall 2023
CIM Welcome Back event organizer	Fall 2023
Redesign of CIM Curriculum for 2024 AY	Spring 2023
CIM Recruiter Search Committee Chair	Spring 2023
CIM Bobcats Back organizer	Spring 2023
CIM Student Competition Team Advisor ACI/CIM Schools Competition	Spring 2023
Hosted "Lunch and Learn" for PACE/COSE/First-Year advisors	Spring 2023
Hosted "Storm Water" Educational Series with TCPA for inspectors	Spring 2023
Redesign of CIM Website	Summer 2023
Created CIM Curriculum Review process for industry reviewers	Summer 2023
Attended PCI Foundation Professors Seminar	Summer 2023
Guest Presenter at PCMA Summer Convention	Summer 2023
Attended FFA State Convention	Summer 2023
Attended ASCC Fall Conference	Fall 2023
Attended PCI Committee Days (Student Education Committee member)	Fall 2023
Guest Presenter at PCMA Fall Convention	Fall 2023
Attended NRMCA ConcreteWorks Convention	Fall 2023
Texas Building Branch Attendee/Guest Speaker	Summer 2024

CTE Teacher Academy Guest Speaker	Summer 2024
PCI Professor's Seminar attendee	Summer 2024
ACCE Industry Advisory Committee	2024-Present
ACCE Standards Committee Member	2024-Present
CTE Teacher Academy Guest Speaker	Summer 2024
ACCE Lifetime Member	2025
ABC Student Competition Team coach	2025
CIM Faculty of Practice Search Committee Chair	2025
Redesign of CIM Curriculum for 2026 AY	2025

B. Professional:

Position	*Entity*	*Dates*
Member	Associated General Contractors	2001 - Present
Member	AGC San Antonio Chapter	2001 - Present
Education Committee Member	AGC San Antonio Chapter	2008, 2009, 2010
Construction Leadership Council Member	AGC San Antonio Chapter	2009
Member	Associated Builders and Contractors (ABC) - South Texas Chapter	2001 - 2011 2024 - Current
Safety Committee Member	Associated Builders and Contractors (ABC) - South Texas Chapter	2008, 2009
Member	Bulverde-Spring Branch Area Chamber of Commerce	2013 - 2022
Ambassador	Bulverde-Spring Branch Area Chamber of Commerce	2020
Member	New Braunfels Area Chamber of Commerce	2013 - 2022
Member	Real Estate Council of San Antonio	2011 - 2013
Member	American Institute of Constructors	2001 - Current
Board Member (Voting)	American Institute of Constructors	2023 - Current
Member	AGC of Texas (Heavy/Highway/Industrial)	2022 - Current
Education Committee Member	AGC of Texas (Heavy/Highway/Industrial)	2023 - Current
Member	Precast/Prestressed Concrete Institute	2022 - Current
Student Education Committee (Voting)	Precast/Prestressed Concrete Institute	2023 - Current

Member	American Society of Concrete Contractors	2022 - Current
Member	National Precast Concrete Association (NPCA)	2022 - Current
Member	Interlocking Concrete Pavement Institute (ICPI)	2022 - Current
Member	Precast Concrete Manufacturers Association of Texas (PCMA)	2022 - Current
Education Committee Member	Precast Concrete Manufacturers Association of Texas (PCMA)	2023 - Current
Member	Texas Aggregates & Concrete Association (TACA)	2022 - Current
Standards Committee Member	American Council for Construction Education (ACCE)	2024-Current
Industry Advisory Committee Member	American Council for Construction Education (ACCE)	2024-Current
Lifetime Member	American Council for Construction Education (ACCE)	2025-Current

C. Community:

Position	*Entity*	*Dates*
Coach	Smithson Valley Rangers Youth Football	2013
Board Member	Smithson Valley High School FFA Booster Club	2013 - 2015
Vice President	Smithson Valley High School FFA Booster Club	2016
President	Smithson Valley High School FFA Booster Club	2017
Member	Floresville High School Athletic Booster Club	2018 - Current
Volunteer	Habitat for Humanity -San Antonio	2006 - 2009
Boat Captain	Warrior's Weekend Fishing Tournament - Texas	2016 - 2018