

Chantell J. Cornett

CURRICULUM VITAE

POSITION Expert | Principal | Engineer in Training (Student)
 General Contractor | Cost Estimator | Certified Fire and Explosion Investigator
 OSHA Authorized Trainer | OSHA Certified Investigator
 Certified Concrete & Ready Mix Plant and Fleet Inspector

EDUCATION

Doctoral Candidate Engineering (Ph.D.) <i>Arizona State University; Ira A. Fulton School of Engineering</i> <i>Structural Soil Mechanics Construction Safety Strength of Materials</i>	<i>Present-2025</i>
Masters of Science in Engineering (M.S.E.) Civil/Structural Engineering <i>Arizona State University; Ira A. Fulton School of Engineering</i> <i>Structural Soil Mechanics Construction Safety</i>	<i>2023</i>
Bachelors of Science in Engineering (B.S.E.) Construction Engineering <i>Arizona State University; Ira A. Fulton School of Engineering</i> <i>Civil Structural Construction Engineering & Safety</i>	<i>2023</i>
Emerging Professionals (EP) Forensic Engineering <i>American Society of Testing and Materials, International (ASTM)</i> <i>E58 Committee on Forensic Engineering</i>	<i>2022</i>
National Assoc. of Fire Investigators Fire Investigation Training Program <i>Salt Lake City, Utah</i>	<i>2021</i>
General Contractor and Business Management <i>Arizona School of Business and Real Estate</i>	<i>2017</i>
Residential and Commercial Real Estate Licensee <i>Arizona School of Business and Real Estate</i>	<i>2017</i>
Construction Management Cost Estimating <i>Phoenix College, Phoenix, Arizona</i>	<i>2010</i>
Graduate Post Baccalaureate Chemistry – Applied Sciences <i>Arizona State University, Tempe, Arizona</i>	<i>2007</i>
Bachelor of Arts Political Science; Spanish <i>University of Washington, Seattle, Washington</i>	<i>2001</i>



LICENSES | CERTIFICATIONS

Certified Lift Truck/Forklift Operator Trainer	NSC
Arizona Registrar of Contractors Licensed Contractor KB2 Dual	332205
NRMCA National Ready Mixed Concrete Certified Inspector	855785
NAFI Certified Fire and Explosion Investigator	25996-14809
Certified Forklift Operator	1681943516-2368-50191
TRI Tile Roofing Industry Alliance – Certified Inspector	281872
OSHA SSH – Specialist in Safety & Health	25844880
OSHA CSHO – Certified Safety & Health Official	25844880
OSHA – Authorized Trainer	40-0105542
OSHA – Certified Accident Investigator	May 2018
Board of Certified Safety Professionals – Assoc. Safety Professional	December 2020
MESH – Manager of Safety and Environmental Health	November 2020
Arizona Department of Real Estate Licensee	pending
NSC – Incident Investigations	November 2021

OSHA SPECIALTY CERTIFICATIONS

OSHA #7415 – Construction Industry Requirements	August 2021
OSHA #2264 – Permit Required Confined Space Entry	June 2021
OSHA #3095 – Electrical Standards	May 2021
OSHA #500 – Trainer Course in Standards for Construction	March 2021
OSHA #3015 – Excavation, Trenching and Soil Mechanics	February 2021
OSHA #7845 – Recordkeeping Rule	February 2021
OSHA #3115 – Fall Protection	January 2021
ADOSH – Electrical Safety Lockout/Tagout	December 2020
ADOSH – Confined Space	December 2020
OSHA 30 Hour Certification	December 2020
OSHA #510 – Standards for the Construction Industry	December 2020
OSHA #7505 – Incident (Accident) Investigation	May 2018

EXPERIENCE

Ward Cornett & Associates **January 2022**
P.E. Civil | Construction Engineering (*In Progress*) | CFO/VP | Founding Owner
Expert | Principal | General Contractor | Cost Estimator | Fire Investigator
Concrete Plant Inspector

The Ward Group **2012-2022**
P.E. Civil | Construction Engineering (*In Progress*) | CFO/VP | Founding Owner
Expert | Principal | General Contractor | Cost Estimator | Fire Investigator
Concrete Plant Inspector

General Contractor | Cost Estimator | Fire Investigator | Authorized OSHA Trainer | Certified OSHA Investigator and Professionally Licensed Engineer (*In Progress*) responsibilities include investigation, document review, deposition and report review and analysis necessary to develop expert opinions. Review of project scope; perform take-offs to determine quantities and labor and materials to develop estimates for construction costs. Practice area and standard of care opinions relative to:

- Construction Safety Job Site Safety/Compliance
- Construction Safety Owners Representative – 3rd Party Consultant
- General Industry Job Site Safety/Compliance
- Bid | Change Order | Contract | Dispute Analysis
- Forensic Job Cost Accounting and Analysis
- Construction Accident Investigation
- OSHA Trainer | Investigator | Compliance | Multi Employer Jobsite Citation
- ADA | Building Code | Premises Compliance
- Personal Injury Premises Code Compliance Investigations
- General Contractor Standard of Care – *Residential*
- Cost Estimating | Cost Allocations
- Preparation of ASTM E3167 Forensic Engineering Reports
 - Job Site Injury/Death
 - Construction Code/Premises Liability
 - Detailed forensic analysis of construction defects
 - Failure and causation, and
 - Remediation and repair recommendations

Ms. Cornett began her tenure in the construction community in the legal field in 1998. Her exposure to forensic construction consulting began in 2005. Since her foray into expert consulting, she has participated in numerous arbitrations, mediations, and trials.

MC Consultants, Inc.

2005-2012

Operations Manager, Phoenix Division

Oversight of the Phoenix satellite office of a large, national construction and forensic consulting company. Hired to establish and grow the Phoenix division, and mirrored responsibilities of The Ward Group. ESOP Board member.

Law Offices of John Chaix

2003-2005

Paralegal

Senior Paralegal in Plaintiff Construction Defect firm.

Thomas & Elardo

2002-2005

Paralegal | Law Clerk

Senior Paralegal in Insurance Defense firm; managed well-known, big-box, retail superstore client defending premise liability claims.

Hedeen & Caditz

1998-2002

Paralegal | Law Clerk

Senior Paralegal/Rule 9 Law Clerk and Operations Manager in Construction Law Firm.



PRESENTATIONS | INSTRUCTION

<i>Case Studies in Engineering Failures: An Ethical Lens</i>	American Council of Engineering Companies	November 2023
<i>AI and Engineering: Exploring the Future</i>	American Council of Engineering Companies	November 2023
<i>From Incident to Investigation: Managing Risk</i>	Maricopa Association of Governments	November 2023
<i>Managing Risk with Effective Documentation</i>	American Society of Safety Professionals	November 2023
<i>Documentation Best Practices and Standard of Care</i>	American Society of Home Inspectors	October 2023
<i>Engineering Failures: A Case Study Review in Ethics</i>	American Society of Civil Engineers	October 2023
<i>OSHA Best Practices in Documentation Case Studies</i>	Okland Construction	July 2023
<i>OSHA Best Practices in a Culture of Safety Case Studies</i>	National Safety Council	July 2023
<i>OSHA Essentials of Documentation Case Studies</i>	American Society of Safety Professionals	May 2023
<i>OSHA Multi-Employer Citation Policy Case Studies</i>	Arizona Association of Defense Counsel	March 2023
<i>Recoverability of Rip and Tear Damages</i>	Perrin	November 2022
<i>Professional Practice in Forensic Engineering</i>	American Society of Civil Engineers	November 2022
<i>CYA with the SOPS</i>	American Society of Home Inspectors	October 2022
<i>The Future of Construction Talent</i>	West Coast Casualty	May 2022
<i>Failure Analysis – Intersection of Engineering and Law</i>	University of WA – Seattle	January 2022
<i>Bridging the Gap from Design to Construction</i>	American Society of Civil Engineers	November 2021
<i>Construction Defect 101 – ID and Documentation</i>	American Society of Home Inspectors	July 2021
<i>Codes and Industry Standards</i>	Maricopa County Bar Association	October 2019
<i>Construction Defects from the Ground Up – Level 1&2</i>	Claims Litigation Management	September 2019
<i>Construction Defects from the Ground Up – Level 1&2</i>	Claims Litigation Management	September 2018
<i>Construction Defects from the Ground Up – Level 1&2</i>	Claims Litigation Management	September 2017
<i>Construction Defects from the Ground Up – Level 1&2</i>	Claims Litigation Management	September 2016
<i>Behavioral Science and the Art of Persuasion</i>	Arizona State Bar Association	April 2016
<i>Changing the Art of Persuasion into a Science</i>	Arizona Association of Defense Counsel	July 2015
<i>Getting the Most from Your Expert</i>	Jones Skelton & Hochuli, PLLC	July 2012
<i>Building Assemblies: Fundamentals and Failures</i>	Arizona Association of Defense Counsel	April 2009
<i>Reading and Understanding Plans and Specifications</i>	Arizona Association of Defense Counsel	April 2007

BOARD MEMBER POSITIONS

<i>International Code Council</i>	Residential Code – Building Committee	2024-2026
<i>International Institute of Building Envelope Consultants</i>	Treasurer	2022-Present
<i>American Society of Home Inspectors Association</i>	Director of Education	2022-Present
<i>Arizona State Board of Technical Registration</i>	Technical Accessor - Enforcement Advisory	2021-Present

COMMITTEE ACTIVITIES

<i>American Society for Testing & Materials</i>	ASTM – C01 Cement Standards ASTM – D08 Roofing and Waterproofing ASTM – E05.33 Fire Standards in Engineering ASTM – E06 Performance of Buildings ASTM – E30 Forensic Sciences ASTM – E34 Occupational Health & Safety ASTM – E36 Expert Accreditation ASTM – E58 Forensic Engineering ASTM – F13 Pedestrian/Walkway Safety	2010-Present
<i>American Society of Civil Engineers</i>	ASCE – 11-28 Structural Condition Assessment	2023-Present

AWARDS

<i>American Society of Testing and Materials</i>	Emerging Professional in Forensic Engineering	2022
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