

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 Plant Inspector

EDUCATION

Masters of Science in Engineering (M.S.E.) | Construction Engineering *Present-2023*
Arizona State University; Ira A. Fulton School of Engineering
Structural | Soil Mechanics | Construction Safety

Bachelors of Science in Engineering (B.S.E.) | Civil Engineering *Present-2023*
Arizona State University; Ira A. Fulton School of Engineering
Civil | Structural | Soil Mechanics

Emerging Professionals (EP) | Forensic Engineering *November 2022*
American Society of Testing and Materials, International. (ASTM)
E58 Committee on Forensic Engineering

National Assoc. of Fire Investigators | Fire Investigation Training Program *August 2021*
Salt Lake City, Utah

General Contractor and Business Management *December 2017*
Arizona School of Business and Real Estate

Residential and Commercial Real Estate Licensee *June 2017*
Arizona School of Business and Real Estate

Construction Management | Cost Estimating *2008-2010*
Phoenix College, Phoenix, Arizona

Graduate Post Baccalaureate | Chemistry – Applied Sciences *2005-2007*
Arizona State University, Tempe, Arizona

Bachelor of Arts | Political Science; Spanish *1997-2001*
University of Washington, Seattle, Washington

LICENSES | CERTIFICATIONS

Arizona Registrar of Contractors Licensed Contractor KB2 Dual *332205*
NRMCA | National Ready Mixed Concrete Assoc. Certified Inspector *855785*
NAFI | Certified Fire and Explosion Investigator *25996-14809*

LICENSES | CERTIFICATIONS (continued)

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 – Associate 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. 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. 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
- General Industry Job Site Safety/Compliance
- Bid | Change Order | Contract | Dispute Analysis

EXPERIENCE (continued)

- 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 throughout Arizona’s Superior Courts.

Ms. Cornett’s hands-on construction experience grows from management of her first residential project in 2015 and continues today as she actively pursues her Masters and Ph.D. in Engineering.

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. Responsibilities included: investigation of potentially defective construction conditions; compliance with Purchaser’s Dwelling Act; drafting Complaint; retention/coordination of scope-specific experts, drafting discovery; analysis of expert opinions and allocation of trade responsibility by scope and Cost of Repair.

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. Performed premise investigation, interviewed witnesses, analyzed liability, conducted legal research, and evaluated exposure for disposition.

Hedeen & Caditz **1998-2002**

Paralegal | Law Clerk

Senior Paralegal/Rule 9 Law Clerk and Office Manager in Construction Law Firm. Practice included: Contract and subcontract preparation, review and negotiation; prime contractor and subcontractor bid disputes and protests, including bid shopping; construction disputes, including

extra work claims, labor inefficiency claims and claims for default terminations and terminations for convenience; lien, bond and retainage claims; labor and employment issues, representing the interests of insurers on surety and fidelity issues, including coverage.

PRESENTATIONS

<i>OSHA Multi-Employer Citation Policy Case Studies</i>	AADC, March 2023
<i>Recoverability of Rip and Tear Damages</i>	Perrin, November 2022
<i>Professional Practice in Forensic Engineering</i>	ASCE, November 2022
<i>CYA with the SOPS</i>	ASHI, October 2022
<i>The Future of Construction Talent</i>	West Coast Casualty, 2022
<i>Failure Analysis – Intersection of Engineering and Law</i>	UW, Seattle, January 2022
<i>Bridging the Gap from Design to Construction</i>	ASCE, November 2021
<i>Construction Defect 101 – Identification and Documentation</i>	ASHI, July 2021
<i>Codes and Industry Standards</i>	MCBA, October 2019
<i>Construction Defects from the Ground Up – Level 1</i>	CLM, September 2019
<i>Construction Defects from the Ground Up – Level 2</i>	CLM, September 2019
<i>Construction Defects from the Ground Up – Level 1</i>	CLM, September 2018
<i>Construction Defects from the Ground Up – Level 2</i>	CLM, September 2018
<i>Construction Defects from the Ground Up – Level 1</i>	CLM, September 2017
<i>Construction Defects from the Ground Up – Level 2</i>	CLM, September 2017
<i>Construction Defects from the Ground Up – Level 1</i>	CLM, September 2016
<i>Construction Defects from the Ground Up – Level 2</i>	CLM, September 2016
<i>Behavioral Science and the Art of Persuasion</i>	AZ State Bar, April 2016
<i>Changing the Art of Persuasion into a Science</i>	AADC, 2015
<i>Getting the Most from Your Expert</i>	JSH Firm, July 2012
<i>Building Assemblies: Fundamentals and Failures</i>	AADC, April 2009
<i>Reading and Understanding Plans and Specifications</i>	AADC, April 7

FACULTY | COMMITTEES

<i>Forensic Engineering Committee on Forensic Practices</i>	2022 – Present
<i>American Society of Civil Engineers</i>	
<i>Forensic Engineering EP– ASTM – New Orleans, LA</i>	2022 – Present
<i>American Society of Testing & Materials – Committee E58</i>	
<i>Adjunct Faculty Lecturer, University of Washington – Seattle</i>	2022 – Present
<i>Law, Societies & Justice Department University of Washington</i>	
<i>Enforcement Advisory Committee, Technical Assessor</i>	2021 – Present
<i>Arizona State Board of Technical Registration Enforcement Advisory Committee</i>	
<i>Academic Integrity Officer, Arizona State University</i>	2021 – Present
<i>Ira A. Fulton School of Engineering Academic Integrity Office</i>	
<i>Instructional Team, Arizona State University –School of Engineering</i>	2021 – Present
<i>Ira A. Fulton School of Engineering The Mechanics Project</i>	
<i>Principal Founder, C Build Group – See, Build, Grow</i>	2017 – Present
<i>Women owned and operated full-service, construction remodeling, interior design</i>	
<i>Supervisor Volunteer – Phoenix Fire Department Alternative Response Team</i>	2002-2010
<i>Bilingual EMT and Facilitator for Medical Emergencies, Professional Referrals & Fire Investigation</i>	
<i>CASA Volunteer – Maricopa County Superior Court</i>	1998 – 2019
<i>Guardian ad Litem / Court Appointed Special Advocate for Children in State Custody</i>	

BOARD POSITIONS

Board Member, IIBEC – International Institute of Building Envelope Consultants – Present
Board Member, ASHI – American Society of Home Inspectors Association – Present

MEMBERSHIPS

Member, WSRCA – Western States Roofing Contractors Association 2022 – Present
Member, IIBEC – International Institute of Building Enclosure Consultants 2022 – Present
Member, IAAI – International Association of Arson Investigators 2021 – Present
Member, NAFI – National Association of Fire Investigators 2021 – Present
Member, ASCE – American Society of Civil Engineers 2021 – Present
Trainer, OSHA – Occupational Safety & Health Administration 2021 – Present
Member, ASSP – American Society of Safety Professionals 2020 – Present
Member, BCSP – Board of Certified Safety Professionals 2020 – Present
Member, PTI – Post Tensioning Institute 2020 – Present
Member, NSPE – National Society of Professional Engineers 2019 – Present
Member, TRI – Tile Roof Industry Alliance 2019 – Present
Member, ASHI – American Society of Home Inspectors 2019 – Present
Member, ASPE – American Society of Professional Estimators 2017 – Present
Member, DRBF – Dispute Resolution Board Foundation 2015 – Present
Member, WIDR – Women in Dispute Resolution – Regional Chair 2015 – Present
Member, CLM – Construction Committee 2015 – Present
Member, ACI – American Concrete Institute 2012 – Present
Member, NRMCA – National Ready Mixed Concrete Association 2012 – Present
Member, HBACA – Home Builders Association of Central Arizona 2012 – Present
Member, ICC – International Code Council 2011 – Present
Member, CLM – Claims & Litigation Management Alliance 2011 – Present
Member, ASTM – American Society for Testing & Materials 2010 – Present
Committee Member – E05 Committee on Fire Standards
Committee Member – E05.33 Committee on Fire Standards in Engineering
Committee Member – E30 Committee on Forensic Sciences
Committee Member – E34 Committee on Occupational Health & Safety
Committee Member – E58 Committee on Forensic Engineering
Committee Member – F13 Committee on Pedestrian/Walkway Safety and Footwear
Committee Member – E36 Committee on Accreditation and Certification
Member, AICA – Arizona Insurance Claims Association 2008 – Present
Member, AADC – Arizona Association of Defense Counsel 2007 – Present

AWARDS

Emerging Professional in Forensic Engineering – ASTM E58 Nov 2022