

I-ENG-A® OF NORTHERN WEST VIRGINIA

By Constructed Facility Forensics, PLLC

**A MEMBER FIRM OF THE
INVESTIGATIVE ENGINEER'S ASSOCIATION**



Investigative Engineers

- Asbestos & Chemical Exposure
- Construction Defects
- Foundation Settlement
- Property & Structural
- Upcoding & Betterment
- Accident Reconstruction
- Expert Witness Testimony
- Industrial Accidents
- Slip & Fall Reconstruction
- Water Intrusion
- Appliance Damage
- Fires and Explosions
- Microbial Issues
- Transportation Issues
- Work Environment Issues

I-ENG-A® of Northern West Virginia

P.O. Box 4585
Morgantown, WV 26504-4585
Tele: 304-598-0773
Fax: 304-599-0772
Email: Dsimpson@CFForensics.com

Claims Support Professionals



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I-ENG-A® of Northern West Virginia
by C.F. Forensics, PLLC
Tel: 304-598-0773 Fax: 304-599-0772

MISSION STATEMENT

MISSION STATEMENT

Constructed Facility Forensics (C.F. Forensics), PLLC, is committed to presenting its insurance industry and investigative litigation clients a diverse yet experienced and cost-effective group of professional experts that can provide investigative support and assist in the control of soaring claims settlement costs.

Client service is the product of a day-by-day commitment, by the principals and staff, to excellence.

We listen when others speak.

C.F. Forensics was founded to provide the insurance claims industry, legal and other client representatives with a single source of contact for expertise and information relating to the fair and expeditious processing of loss recovery investigation.

C.F. Forensics also provides loss prevention programs in the form of 'in-depth' engineering assessments of possible hazards.

It is the goal of the company and its associates to provide clear, concise and comprehensive information, findings and conclusions to claims adjusters, attorneys and risk management professionals in a professional, timely and cost-effective manner.

Timely and Accurate Reporting



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CORPORATE PROFILE

CORPORATE PROFILE

Constructed Facility Forensics (C.F. Forensics), PLLC, is a privately held company dedicated to Professional Claims Support. The firm offers comprehensive consulting services to the property and casualty insurance industry including adjusters, risk managers, litigation, government and private clients.

C.F. Forensics provides multi-disciplinary design and consulting engineering services through its sister company Allegheny Design Services. *C.F. Forensics* engineering personnel and consultant team average (20 years) of diverse experience, enabling it to respond actively to the changing environments and to the changing needs of our clients. The basic philosophy of the company is to produce quality work, on time and within budget. It is our experience which enables it to integrate this philosophy into each claims assignment.

The success of this approach is confirmed by the firm's rapidly growing list of satisfied clients and a corresponding high occurrence of repeat and referral business.

The firm *C.F. Forensics* and its consultants specialize in the design and construction of building systems design and analysis in structural, mechanical, electrical, and plumbing engineering for commercial, institutional and industrial clients. The diversity of *C.F. Forensics* enables them to respond to a very wide variety of investigative claims assignments.

C.F. Forensics was established to provide Insurance Companies with a means to professionally handle their claim's Investigative Services needs with the production of a brief, concise, easy-to-read report delivered on schedule and in a cost-effective manner.



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INVESTIGATIVE ENGINEERS ASSOCIATION EXPERTISE

I-ENG-A of Northern West Virginia by C.F. Forensics has the ability to draw from the diverse resources of the Investigative Engineers Association network of forensic engineering firms. Additional expertise is available through *I-ENG-A of Northern West Virginia* including the following disciplines or areas of expert knowledge::

| | | |
|--|---|--|
| AISC Steel Erection | Geotechnical | Refrigeration Systems Design |
| ANSI | Grading Issues | Regulatory Technician |
| API | Ground Water/Storm Water | Replacement Costs |
| ASME | Hazardous Waste and Non-Hazardous Waste | Reservoirs |
| ASTM | Health and Safety (CIH) | Risk Management/Risk Analysis |
| AWS | Heavy Equipment Failure Analysis | Road Construction |
| AWWA | Gun Design | Road Geometrics |
| Acoustic Emission | High Voltage Transmission and Power Generation (Commercial, Residential and Industrial) | Roof Systems |
| Analytical Chemistry | Highway and Work Zone Safety | Safety Belt Usage |
| Architectural Design and Design Practices | Household Appliances Fire Investigation | Sanitary |
| Asbestos | Human Factors (Accident Reconstruction) | Security |
| Biochemistry and Bioinstrumentation | HVAC Design | Septic Failures |
| Blasting | Hydraulics and Hydrology | Sick Building Syndrome |
| Bridges and Roadways | HVAC&R Mechanical Systems | Site Design |
| Burner Malfunctions | Hydrogeology (Geologist) | Slip and Fall Analysis |
| Building and Land Surveying | Indoor Air Quality (CIH) | Slope Stability |
| CERCLA RI/FS Investigations | Industrial Power Systems | Soils and Geologic Investigations |
| Building Codes and Contract Administration | Industrial Hygiene (Mold, Fungi, Bacteria) | Sprinkler and Fire Suppression System |
| Chemical and Nuclear Waste Issues | Industrial Safety and Operation | Sprinkler Discharge |
| Civil Engineering | Landfills | SSPC Industrial Painting |
| Computer Based Analytical Methods | ISO14001 | Steel and Wood-framed Support Structures |
| Concrete Failures | Leaks | Storage Process Tank Inspectors |
| Construction Defects | Levees | Storm Water |
| Code Interpretation | Lightning Damages/Determination | Structural Engineering |
| Controls System Engineering and Construction | Liquid Penetrate | Structural Fire Investigation |
| Crane Collapse | Litigation Support | Surveying |
| Dams | Low Voltage Distribution Systems | Surveying Disputes |
| Construction Practices and Safety | Machining and Machine Design | Tanks Testing Programs |
| Design | Magnetic Particle | Traffic Accident Reconstruction |
| Dikes | Materials of Construction | Traffic Accidents and Roadway Geometrics |
| Drainage | Materials Science | Traffic Law |
| Earth Movement | Mechanical Design/Failure | Ultrasonic |
| Eddy-Current | Medical Instrument Design | UIST/AST |
| Electrical Controls and Failures | Micromachining and Instrument Analysis | Utilities and Drainage |
| Electrical Fire Cause and Origin | Mining | Vehicle Fire Investigation |
| Electrical Injuries | Moisture Surveys (Roofs, EIFS, Floors) | Vehicular Mechanical Investigations |
| Electrical Utility Power Systems | Mold Investigation | Vessel and Pipe Rupture |
| Environmental | Mold Remediation Planning | Vibration |
| Environmental Management and Remediation | NCE | Visibility Concepts |
| Failure Analysis (Mechanical/Civil) | Oil and Gas | Visual Testing |
| FDM-Confined Space Entry and Rescue | Paving | Waste Water |
| Fire and Arson Investigation | Pipelines | Water Management |
| Flooding/Flood Control | Post Office— Multiple Design | Water Quality |
| Fluid Handling Systems | OHSA, ADA, Building Code Evaluations | Welded Fittings |
| Footings | Product Failure/Liability | Wind Storm Damage |
| Foundation Failure | Project Management | Wind, Floor and Fire Damage Assessments |
| Structural Analysis | Radiographic | Wood Trusses |
| Foundation Walls | Railroads | Zoning and Planning |
| Freeze-Ups | RCRA Hazardous Waste | |
| Gas Explosions | Recreation Centers | |
| Geosynthesis | | |



**I-ENG-A® of Northern West Virginia
by C.F. Forensics, PLLC**

APPROACH & PROCESS

I-ENG-A of Northern West Virginia by C.F. Forensics, PLLC, has an extensive range of engineering capabilities to better serve our clients.

Our investigative services extend to clients in all areas of insurance, loss, and loss mitigation. Typically, an assignment begins with a phone call, letter, fax or email from a potential client. During the initial client interview process, we request certain specific information relating to the case. Items such as the following may be discussed:

- Type of loss
- Date of loss
- Name and address of Insured
- Name and address of Claimant, if different
- Policy number
- Claim Number
- Name and telephone number of contact person at Adjuster's Office
- Estimated value of claim
- General outline of policy coverage

Additionally, we solicit other general information that may be available:

- Any records and documents already obtained or available
- Any pertinent information in Adjuster's file
- Circumstances of this loss

If no records or documentation are available from a client or adjuster, we may choose to prepare additional requests for data, directly to the parties involved, their representatives, or any associated insurance providers always copying our client on the communications. Depending on the circumstances, we may also contact the parties involved to arrange an appointment and begin the forensic investigation at the location of damage, loss, or accident.

If the client has obtained records and documents, we will request that they be forwarded to us. After examination, we will consult with the client to agree on the plan for the investigation.

We will contact the Adjuster at the end of the day of the initial inspection, to make them aware of our initial findings, and thereafter no less often than weekly to keep the Adjuster apprised of the status of the assignment. We will make sure the adjuster agrees with our schedule and method of communication.

When a written report is required, after completion of the assignment, we will issue a report of our findings and conclusions. We will invite your questions and comments to assure complete understanding of the report.

Subsequently, we can assist the Insurance Company's attorney in the preparation of Interrogatories and in the preparation of related questions to be asked during Statements under Oath and in Depositions. We will be available to testify as experts as to our opinions.

All of the above will be accomplished professionally, quickly, accurately, and in a cost-effective manner.



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OUR POLICY IN CASE HANDLING

1. **I-ENG-A® of Northern West Virginia by C.F. Forensics, PLLC**, will hold an initial discussion with you (the client) at no charge to validate the need for a case assignment.
2. When you offer the assignment, and we accept the assignment, we mutually agree on the initial phase(s) of the investigation, acceptable hours/charges (or not to exceed).
3. As we complete each phase of the assignment, we will provide you an oral report. You provide us with one of the following directions:
 - a. You decide no further analysis is required, and authorize our final billing.
 - b. You decide the analysis is complete, direct us to submit a written report, and authorize our final billing with submission of the report.
 - c. You decide to continue with the next phase of the assignment.
4. If you decide to continue the assignment, you may expect the following:
 - a. You have authorized us to proceed; we will formally acknowledge the assignment, and submit a final bill for the analysis.
 - b. With the bill, we will submit additional time/charge estimate for completing the next phase of the assignment and an amount of the deposit required to begin the phase.
 - c. During the assignment, we will provide you verbal progress reports at least every two weeks, and submit monthly progress billing.
 - d. When we complete the assignment, we will provide a complete verbal report, which we will formalize in writing only upon your authorization to do so.
 - e. We will submit a written report (if you have authorized one) and a final billing.
5. We will provide you with timeliness and the services of qualified experts through our local expertise, our substantial resources and those of the Investigative Engineer's Association. We will handle our assignments in a cost effective manner **leaving you in control at all times.**



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RESUMES OF PROFESSIONAL ENGINEERS

DAVID R. SIMPSON, P.E., SECB, MBA

Education:

- West Virginia Institute of Technology, B.S. Civil Engineering
- West Virginia University, Masters Business Administration
- West Virginia State College, Architectural Technology

Registrations

Professional Engineer
Structural Engineering Certification Board

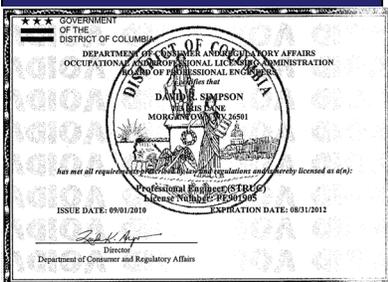
- West Virginia
- Pennsylvania
- Maryland
- Virginia
- District of Columbia
- South Carolina
- Ohio
- National Council of Examiners for Engineering and Surveying

Associations

- Investigative Engineers Association

Special C.E. Training in Forensics

- Origin and Cause Investigation Procedures
- Securing Property/Evidence
- Bodily Injury Claims Investigation
- Slip and Fall Claims
- Structural Losses / Construction Defects
- Products Liability Investigation
- Fire and Arson Investigation
- Automobile and Marine Claims



PROFESSIONAL EXPERIENCE:

Responsible for project management and design at Allegheny Design Services and investigation services at CF Forensics. Experience includes over 24 years in structural design and project management for industrial, commercial, institutional, and nuclear/chemical facilities utilizing steel, concrete, masonry, and wood. Past accomplishments include design and construction administration of health care facilities, hotels, schools, shopping centers, aircraft hangars, numerous retail facilities, and numerous forensic engineering assignments. Experience has been obtained from the following assignments:

RECENT CONTINUING EDUCATION:

- 2005 AISC Specification for Structural Steel Buildings – September 27, 2006 – Pittsburgh, PA
- TASA Testifying Skills for Engineers – February 16, 2007 – Orlando, FL
- Peter Vallas Associates Fire Investigation, Cause & Origin July 16, 2010

PROFESSIONAL MEMBERSHIPS:

American Society of Civil Engineers
Structural Engineering Institute, Charter Member
American Concrete Institute
American Institute of Architects – West Virginia Chapter
American Institute of Steel Construction, Inc.
American Iron and Steel Institute Member
Association of Builders & Contractors

EXPERIENCE RECORD:

| | |
|--|----------------------------|
| Allegheny Design Services, LLC, President, | May 2002 - Present |
| Constructed Facility(CF) Forensics, PLLC, President | January 2008- Present |
| R.M. Gensert and Associates, Vice President, | August 1998 to May 2002 |
| West Virginia University, Assoc. Director Construction | August 1988 to August 1998 |
| Simpson Engineering, Owner | August 1988 to August 1998 |
| CECO Buildings Division, Senior Structural Engineer | April 1985 to August 1988 |
| Rockwell International, Facility Structural Engineer | March 1982 to April 1985 |
| Bellard Ladner & Assoc., Staff Structural Engineer | Sept. 1981 to March 1982 |
| PPG Industries, Facility Structural Engineer | January 1980 to Sept. 1981 |

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LICENSURE & CERTIFICATIONS

DAVID R. SIMPSON, P.E., SECB, MBA



NO. 21196
 EXPIRES MAR2011
 DAVID R. SIMPSON, P.E.

Signature David R. Simpson
 This certifies that the individual whose name appears above is the holder of an NCEES Council Record with renewal fee paid.

Commonwealth of Pennsylvania Department of State
 Bureau of Professional and Occupational Affairs
 Professional Engineer

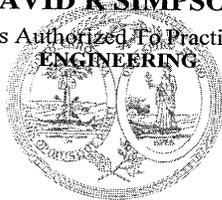
License Number PE035541E
 Registration Code 17214641
 DAVID R SIMPSON
 102 LEEWAY STREET
 MORGANTOWN WV 26505

Expiration Date 09/30/2011
 License Status Active



South Carolina Board of Engineers & Surveyors
 Certifies that

DAVID R SIMPSON
 Is Authorized To Practice
ENGINEERING



REG # 27659 Expires 06/30/2012
 Registrant's Signature David R. Simpson



West Virginia State Board of Registration
 for Professional Engineers

DAVID R SIMPSON
WV PE # 010150

This is to certify that the above named PROFESSIONAL ENGINEER has met the requirements of the law, is duly registered and is entitled to practice engineering in the State of West Virginia.

EXPIRES JUNE 30, 2011

State of Ohio
 State Board of Registration for
 Professional Engineers and Surveyors

2010
 Professional Engineer
David R Simpson

PE . 74996 Expiration Date: 12/31/2010

Thomas B. Hubbard BOARD CHAIRMAN
John M. Kumbalge EXECUTIVE DIRECTOR

Martin O'Malley
 Governor
 Anthony G. Brown
 Lt. Governor
 Thomas R. Perez
 Secretary

LICENSE, REGISTRATION, OR CERTIFICATION
State of Maryland
 DEPARTMENT OF LABOR, LICENSING AND REGULATION
 STATE BOARD FOR PROFESSIONAL ENGINEERS
 CERTIFIES THAT
 DAVID R. SIMPSON

David R. Simpson

IS AN AUTHORIZED PROFESSIONAL ENGINEER

| | | | | |
|---------------------|-----------------|----------------|----------|---------|
| LIC. REG. CERT. NO. | EXPIRATION DATE | EFFECTIVE DATE | CATEGORY | |
| 28790 | 06-16-2011 | N/A | 05 | 3840039 |

WHERE REQUIRED BY LAW THIS MUST BE CONSPICUOUSLY DISPLAYED IN OFFICE TO WHICH IT APPLIES

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
 COMMONWEALTH OF VIRGINIA

EXPIRES ON
 05-31-2012

9960 Mayland Dr., Suite 400, Richmond, VA 23233
 Telephone: (804) 367-8500

NUMBER
 0402017000

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS
 AND LANDSCAPE ARCHITECTS
 PROFESSIONAL ENGINEER LICENSE

DAVID R SIMPSON
 ALLEGHENY DESIGN SERVICES LLC
 102 LEEWAY STREET
 MORGANTOWN, WV 26505-3194



Gordon Dixon
 Gordon Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

ABRIDGED RESUMES

Gary M. (Mike) Chancey, P.E., LEED AP, MEP Project Manager

Education:

- West Virginia Institute of Technology, B.S. Electrical Engineering

Professional Registrations:

- Professional Engineer
- West Virginia
- Pennsylvania
- Ohio
- LEED Accredited Professional

Professional Memberships:

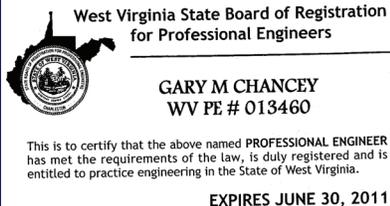
- National Society of Professional Engineers
- West Virginia Society of Professional Engineers
- American Institute of Architects – WV Chapter

Professional Experience:

Responsible for project management and electrical design at Allegheny Design Services. Experience includes over 20 years in electrical design and project management for industrial, commercial, residential, institutional, educational, and recreational facilities. Building system design includes lighting, site lighting, power distribution, communications, surveillance, access control, and fire protection. Past accomplishments include design and construction administration of health care, schools, municipal, sports, commercial and retail facilities. Experience has been obtained from the following assignments:

Experience Record:

Allegheny Design Services, LLC, MEP Project Manager
April 2009 to Present
MSES Consultants, Project Electrical Engineer
August 1990 to April 2009
MC2 Engineering, Owner
July 2006 to April 2009
Triad Engineering Consultants, Staff Electrical Engineer
May 1988 to August 1990
Duke Power, Design Engineer
August 1985 to May 1988



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ABRIDGED RESUMES

Michael L. Sipe, E.I., Structural

Education:

- West Virginia University
Institute of Technology ,
B.S. Mechanical Engineering ,
Minor: Mathematics

Awards/Achievements/ Organizations:

- Deans List, last 4 completed
semesters
- Member of Pi Tau Sigma
- Member of AISC
- Associate Member of ASCE

Professional Registrations:

- West Virginia, Engineering
Intern License # 8519

Michael L. Sipe, E.I., Structural

Professional Experience:

Responsibilities include structural engineering design, construction documents, quality control, field engineering and project engineering.

Experience Record:

Avery Court Apartments, Parkersburg, WV
Cutlip Christie Office Complex, Clarksburg, WV
Dominion Exploration Addition, Jane Lew, WV
Fairmont State University Smoke Vents, Fairmont, WV
Finite Element Analysis of Various Material Handling Structures
Gassaway Bank, Flatwoods, WV
Glenmark Office Building, Morgantown, WV
Greer Limestone Conveyor Structure Renovations, Morgantown, WV
Morgantown Event Center, Morgantown, WV
Pressley Ridge School Residence Hall & Dining Facilities, Clarksburg,
WV
Proplex Athletic Training Facility, Morgantown, WV
Waterfront Marina, Morgantown, WV
West Milford Elementary School Classroom Addition, West Milford,
WV
WVU Downtown Student Housing, Morgantown, WV
WVU Puskar Academic Center, Morgantown, WV



West Virginia State Board of Registration for Professional Engineers

MICHAEL L SIPE
WV EI Certificate # 8519

This is to certify that the above named ENGINEER INTERN has been approved by the WV Board after satisfactorily passing the NCEES Fundamentals of Engineering Exam consisting of mathematics, the physical sciences and the principles of engineering. After completing a sufficient period of engineering work or experience of a character satisfactory to the Board, one may apply to sit for the Principles and Practice of Engineering examination and complete the requirements of the law for registration as a professional engineer in the State of West Virginia.



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ABRIDGED RESUMES

ERIC K. BURKEL, ASP

CONSTRUCTION SAFETY & OSHA CONSULTATION

EDUCATION:

Fairmont State College, WV
Bachelor of Science in Safety Engineering Technology, Graduate May 1998

Clemson University, SC
National Center for Construction Education and Research
Safety Management Academy, October 2000 – 1 Week Course

West Virginia University
Morgantown, WV
OSHA 500 Train the Trainer
Construction Safety, October 2008

New Environment Incorporated
Cleveland, Ohio
40 Hour HAZWOPER Train-the-Trainer Course, June 1999

West Virginia Air National Guard
Airman Leadership School
Kingwood, WV, 21 Day Course, August 1996

United States Air Force
Industrial Hygiene Measurements
School of Aerospace Medicine
San Antonio, Texas, 15 Day Course, September 1992

ACCOMPLISHMENTS/SKILLS:

- Member and past Chairman of the West Virginia Associated Builders and Contractors (ABC) Safety Committee
- Selected as the Master of Ceremonies at the 1998 Fairmont State College Technology Awards Banquet
- Granted a five hundred dollar scholarship from the National Safety Council in 1997
- Awarded the 1992 Bioenvironmental Engineering Technician of the Year Award



BOARD OF CERTIFIED SAFETY PROFESSIONALS
208 Burwash Avenue, Savoy, Illinois 61874
Phone: 217-359-9263 • Fax: 217-359-0055
Email: bcsp@bcsp.org • Web: www.bcsp.org

Having met all applicable requirements defined by its bylaws, the Board of Certified Safety Professionals hereby authorizes the use of

Associate Safety Professional

by

Eric K. Burkel ASP

Sandra Japp
Secretary-Treasurer

Valid until: 12/31/2010
ASP No: A14478

PROFESSIONAL CERTIFICATION:

Associate Safety Professional (ASP) – Certification Number A14478

WORK EXPERIENCE:

Safety Director, March Westin Co. Inc
360 Frontier St.
Morgantown, WV 26505
May 2000 – Present

- Manage Safety for March Westin Maryland Division and March Westin WV
- Attained VPP Star Partnerships with OSHA at 2 Projects
- Conduct and manage training for 200 plus employees

Safety Engineer, Ryan Environmental
Route 4, Box 260
Bridgeport, WV 26330
April 1999 – May 2000

- Conduct 40-Hour and 8-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER) Training
- Provide Respiratory Protection Training and Fit Testing for all employees
- Managed Confined Space Entry program

Industrial Hygiene Technician, West Virginia Air National Guard
1679 Coonskin Drive
Charleston, WV 25311
May 1998 – March 1999

- Ensured statutory and regulatory compliance with OSHA, EPA, NRC, and Air Force Regulations

Safety Internship, Swanson Plating Company
RR 5, Box 168
Morgantown, WV 26505-9308
September 1997 - May 1998

Safety Internship, Marathon Oil Company
539 South Main Street
Findlay, OH 45840-3295
May 1996 - August 1996

Bioenvironmental Engineering Technician, United States Air Force
Merced, Ca
October 1989 – July 1993

- Served on 7 member team and assisted in managing Safety for 30 industrial areas
- Assessed industrial exposures to workers and prescribed protective measures
- Evaluated the effectiveness of protective equipment used in industrial processes

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ASSOCIATE RESUMES

ROY L. SEXTON III

EDUCATION:

Mercersburg Academy Graduate,
PA, 1973:
BS in Forestry Resource Manage-
ment candidate, WV University
1973 – 1977

Bachelor of Science, Major in Soil
Science, Minor in Geology,
Summa Cum Laude 2008

Bachelor of Science, Major in Envi-
ronmental Protection – Soil & Wa-
ter, Summa Cum Laude 2008

AFFILIATIONS:

- PHI KAPPA PHI Honor Soci-
ety Golden Key National Honor
Society
- GAMMA BETA PHI Honor
Society
- Geological Society of America
(GSA)
- Indoor Air Quality Association
(IAQA)
- International Code Council
(ICC)
- WV Code Officials Association

LICENSES:

WV CONTRACTOR LICENSE
WV008282

General Building, General Engi-
neering, Multifamily Dwelling,
Residential, Piping, Plumbing,
Electrical, Concrete, Masonry, As-
phalt, Heating, Ventilating and
Cooling, Landscaping
and Excavation Licenses.
[Master Plumber License #
PL05319]

EXPERTISE:

- Construction Means and Methods, Damage Assessment, Building Solu-
tions
- Foundation Construction and Repair, Construction Practices and Failure
Analysis
- Environmental Consulting, Drainage Analysis, Construction Site Evalua-
tion
- Indoor Environmental Analysis
- Soil Science, Specializing in Urban Soils, Disturbed Soils & Soil Issues
with Construction
- Sampling to EPA Superfund Protocols, GIS & Data Analysis, Geomor-
phology

RELATED CONSTRUCTION EXPERIENCE:

Over 30 years in the construction field, evaluating and correcting failure due to
Construction Means and Methods, Soils, Hydrology & Geology.

Employed by construction companies building & repairing homes, commercial
and government projects, framing, sheathing, roofing, siding, electrical,
HVAC, plumbing, insulation, drainage modification, erosion control, concrete
and masonry work.
1976 - 1981

Created Morgantown Landscapers, Inc. (reg. trade name, “Morgantown Ma-
sonry & Drainage”) Specializing in Water Intrusion, drainage modification,
hardscape, foundation construction and repair. The company specializes in
diagnosis and repair of existing projects. 1981 - Present

RELATED FORENSIC EXPERIENCE:

- Over 28 years using techniques and instrumentation to analyze construc-
tion failure involving foundations, home and commercial construction,
concrete and masonry projects, drainage systems, retaining walls, environ-
mental issues and site development.
(1981 - Present)
- More than 28 years experience recommending repair and building solu-
tions.
- Analyzed the relationship between buildings and the geology, soils and the
hydrology of the site.



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ASSOCIATE RESUMES

John C. Hempel , Geology

EDUCATION:

B.S.—WV University, Geology

LICENSES

- Explosives, PA, WV
- Pa. # 2311A and # 547 (NON COAL) WV # 90-207.
- Pyrotechnics Operator
- Commercial Fireworks Tech.
- Registered Professional Geologist
- #PG 000-576-G. (PA, KY)
WV Adjuster #407803
- Building Inspector #5293183
- Home Inspector
#HI76241249-0806

SEMINARS TAUGHT:

Completed several classes and seminars on explosives use and have taught blasting classes and safety classes for various groups.

Mr. Hempel has investigated over 250 cases of mine subsidence damage, or alleged subsidence damage, and earth movement problems in the Appalachian area. Also, he has inspected over 350 homes while completing precondition, pre-subsidence or pre-blast surveys. He has prepared approximately 100 Environmental Site Inspections and many commercial building inspections.

Mr. Hempel has inspected over 300 alleged blasting damage claims for state agencies, mines and insurance companies located in West Virginia and Pennsylvania. He has worked for both defendants and plaintiffs in blasting cases.

Mr. Hempel is under contract to the West Virginia DEP Office of Explosives and Blasting where he investigates damage claims for the state DEP.

Mr. Hempel is under contract to the West Virginia Board of Risk to investigate structural damage claims filed under the Mine Subsidence Insurance program. He also acts as a specialized insurance adjuster for many insurance companies and has investigated blasting damages for many firms.

As an insurance adjuster and construction repair estimator, Mr. Hempel inspects damaged structures for insurance companies and prepares a risk analysis and repair estimate for damaged buildings.

He has served the energy industry as a consultant for over 20 years. His experience is broad in the fields of mine engineering, geology, construction blasting, hydrology, explosives and environmental engineering.

AWARDS

- Carnegie Museum of National History Award, for outstanding service to Speleology
- Fellow of the National Speleological Society
- New Jersey State Police Commendation

SOCIETIES AND PROFESSIONAL AFFILIATIONS

National Speleological Society (Fellow and former director), West Virginia Speleological Survey (Director). American Institute of Professional Geologists CPGS certification 4397 1978-1989, AIME Society of Mining Engineers, ASTM former Sub Committee Chairman Committee F32.02, Society of Explosives Engineers, WV Code Officials Association, International Association of Electrical Inspectors, National Association of Certified Home Inspectors.



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ABRIDGED RESUMES OF ADVISORS

LEWIS W. ERNEST, P.E., I-ENG-A TECHNICAL WRITING ADVISOR

Lewis W. Ernest, PE, is a licensed civil engineer in six states and has over thirty (30) years of engineering and business management experience. During his career, Mr. Ernest has assumed various engineering and management positions which have provided a wide range of engineering experiences and challenges.

In the most recent years of his career, his engineering efforts have focused on the investigative/forensic arena where he has served as Vice President and Director of Operations for two consulting engineering firms. Mr. Ernest and his business units have been involved with over 3000 multi-disciplined case assignments for the insurance industry, the legal community and the private sector.

In his semi-retirement he assists the Investigative Engineers Association (I-ENG-A) as a technical report writing training advisor, is on the Catastrophe Response Committee and also serves on the I-ENG-A Convention Committee.

PETER VALLAS SR., I-ENG-A FIRE INVESTIGATION ADVISOR

PETER VALLAS, Sr.: Mr. Peter Vallas, Sr., is President of Peter Vallas and Associates, Inc., an independent multi-discipline consulting engineering firm with offices in England, New Jersey, Pennsylvania, New York, and Florida.

The firm has its own testing laboratories, and specializes in investigative engineering world-wide. Mr. Vallas has been a guest speaker all over the United States as well as in Europe, Asia, the Bahamas, and the Caribbean. He is a licensed fire science teacher in the states of Florida and New Jersey, and is an adjunct professor at Broward Community College in Ft. Lauderdale, Florida.

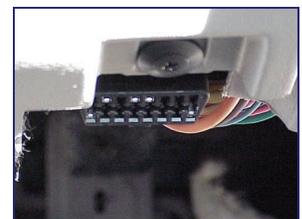
Peter is a fire investigation instructor for the Investigative Engineers Association and the Peter Vallas & Associates laboratory provides many discounted testing services to the I-ENG-A network.



ELVIN AYCOCK, P.E., P.H., P.L.S., R.E.M., ACTAR, TRAFFIC ACCIDENT RECONSTRUCTION ADVISOR

Elvin Aycock is a Professional Engineer, Professional Hydrologist, Professional Land Surveyor, Registered Environmental Manager and ACTAR certified. He specializes in traffic accident reconstruction, hydroplaning accident cases, storm drainage flooding damage and land surveying claims. He has more than 30 years of experience as an investigative and forensic engineer.

Elvin is currently serving as a training advisor for the Investigative Engineers Association. His contributions include development of accident reconstruction training materials for I-ENG-A Continuing Education Conventions and ongoing technical support. He maintains the Automotive Event Data Recorder (Vehicular Black Box) software. His services are available to I-ENG-A members for decoding the box as well as for assistance with accident reconstruction cases.



Picture depicting the ADR (Automotive Event Data Recorder) / 'The Black Box' under dashboard of vehicle for further evaluation.



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CORPORATE TRADITIONAL AND INVESTIGATIVE CLIENTS

Insurance Companies Erie Insurance, Hanover Insurance, Motorists Insurance, Nationwide Insurance

Law Firms Kay Casto & Chaney PLLC, Morgantown, WV
Marsteller Law Offices Huntington, WV
Robinette Legal Group PLLC, Morgantown, WV
Steele Law Offices Clarksburg, WV
Gianola Barnum Wigal & London, LC, Morgantown, WV
Colombo & Stuhr, PLLC, Morgantown, WV

Educational & Institutional West Virginia University, Morgantown, WV
Fairmont State University, Fairmont, WV
University of Pittsburgh, Pittsburgh, PA
Carnegie Mellon University, Pittsburgh, PA

Healthcare Facilities: WVU Hospitals, Monongalia General Hospital

Industrial/Commercial: Bombardier Aerospace, Mylan Pharmaceuticals, Petroplus & Associates,
Glenmark Holding Company, Glade Springs Resort, Petroplus Development

Government & Government Agencies GSA, FBI, FDA, USDA, VA, West Virginia Board of Risk

Architectural Paradigm Architects, Morgantown, WV
Omni Associates, Fairmont, WV
AECOM(Ellerbe Beckett), Kansas City, MO
Heery International, Atlanta, GA
WYK Associates, Clarksburg, WV
HOK Architects, St Louis, MO



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I-ENG-A NATIONAL CLIENTS LIST

The Investigative Engineers Association (I-ENG-A[®]) network has worked with most major insurance companies and adjusting companies since its inception in 1991. Following is a list of many of the companies who have used our members services.

| | | | |
|-----------------------------------|---|-------------------------------------|---|
| AAA | Continental | Hamilton Farmers' Mutual | Parkway Insurance |
| Acuity, Inc. | Continental Western Group | Hanover Insurance Company | Peerless Insurance |
| Adjusters International | Corporate Claims Management | Harbin Adjusters | Pekin Insurance |
| Aetna | Corrick, Peter & Associates | Harleysville Insurance Company | Pilot Insurance |
| AIG Claims Services | Country Companies (CCI) | Hartford Ins. Group | Preferred Risk Mutual |
| Allied Group Insurance | Crawford & Company | Heritage | Prudential Insurance |
| Allstate Insurance Co. | Crawford & Company (Crum & Forster) | Home Insurance Co. | Prudential-LMI Commercial Insurance Co. |
| American Family Insurance | Cumberland Insurance Group | Hoosier Insurance | R. Ian Pepper Insurance Adjusters, Inc. |
| American Fire and Indemnity | Custard Insurance | Hubanks & Kendall, Inc. | RBT Adjusters, Inc. |
| American Hardware Insurance | Economical Mutual Ins. Co. | INA Insurance Co. | Republic Insurance Group |
| American Indemnity Group | EMC Insurance Company | Indiana Farmers Mutual | Royal Insurance |
| American States Insurance Company | Employers Mutual Insurance | Indiana Insurance | Safeco |
| Amerisure | Encompass Insurance | Island Insurance Companies | Sams & Associates |
| Ameriprise | Erie Insurance Group | ITT Hartford | Sazant, Grenier & Assoc. |
| Amherst, Inc. | Evans & Dixon | Kemper Insurance | Scheppers O'Brien |
| Amica | Excelsior Exchange | Lashley & Bear | Scottsdale Ins. Co. |
| Amica Mutual Ins. Co. | Farm Bureau | Law Offices of Cozen & O'Conner | St. Paul Fire & Marine |
| Anthem Insurance Company | Farmer's Home Mutual | Leamon Adjusting Co. | St. Paul/Travelers Insurance |
| Appalachian Claims Service | Farmers Insurance Group | Lemars Mutual Insurance | State Farm |
| ARM | Farmers Mutual of Nebraska | Liberty Mutual | State Farm Ins. Co. |
| Armed Forces Insurance | Federated Mutual Insurance Co. | Lindsey Morden Claim Services, Inc. | Stivers & Powers |
| Associated Claims Service | Fidelity National Insurance | LMI | State National Insurance |
| Associates Insurance Adjusters | Fireman's Fund | Lyons, Brandt, Cook & Hiramatsu | Tessier & Associates/Halifax Ins. |
| Atlantic Mutual Insurance Co. | First Insurance Company of Hawaii | Markel Insurance Company of Canada | The Shelby Insurance Group |
| Auto Owners Insurance | Francis, LaBrash, Quibell, & Associates | Maryland Casualty | The Hartford |
| Bankers & Shippers | Frontier Adjusters of Hawaii | Maryland Insurance Group | TIG Insurance Group |
| Bierman-Condroy | GAB Business Services, Inc. | Meredith Adjusting Service | TransAmerica (Now TIG) |
| Bi-State Claims | GAB Robins | Mid-Continent Casualty | Travelers Insurance Co. |
| Billings Adjusting Service | Gallagher Bassett | Miller's Mutual Ins. Co. | Travelers Property Casualty |
| Boat US | Garden City Claim Service | Morse, David & Associates | Travelers |
| Buttner Associates | Gay & Taylor | Motorists Insurance Co. | UCIG |
| Cal Farm | General Accident | Motorists Mutual Insurance | U.S.F. & G. |
| Cannon Cochran Mgmt. Svcs, Inc. | Germantown Mutual | MPI | Underwriters Adjustment Bureau |
| Canyon State Insurance | Global Claims Service | MSI Insurance | United Fire Group |
| Central Texas | Gore Insurance | National Interstate | USAA |
| CNAA Property Claims Division | Goward, Inc. | Nationwide Insurance Co. | Utah Home Fire Insurance |
| CGU | Grange Mutual Casualty | Nixon & Company | Wausau Ins. |
| Chrysler Insurance | Grange Insurance Associates | Nodak Mutual Insurance Co. | West Bend Mutual |
| Chubb Group | Great American Insurance | Northbrook Insurance | Western National Assurance |
| Church Mutual Insurance | Great Oaks Insurance Co. | Nova Casualty Company | Westfield Companies |
| Cincinnati Insurance Co. | Guardian Insurance | Ohio Casualty Group | Zurich North American |
| CNA Insurance | Guide One Insurance | ORION NATIONAL | ZC Sterling Insurance |
| Columbia Insurance Company | Halifax Insurance | Pacific Insurance Company | |
| Commercial Insurance | | | |
| Commercial Union Ins. | | | |



EXPERT WITNESS / COURTROOM EXPERIENCE

Company: Widmer-Eby & Associates/ Stacy Roman, Morgantown, WV

Consultants: David Simpson P.E.

Contact Name: Widmer-Eby & Associates/ Stacy Roman

Case Date: January 18, 2008

Brief description of case: Improper installation of roof trusses and shingles. Case settled.

Company: Marsteller Law Offices / Derek W Marsteller, Huntington WV

Consultants: David Simpson P.E.

Contact Name: Marsteller Law Offices / Derek W Marsteller

Case Date: January 16, 2009

Brief description of case: Grandeotto, Inc. v. Spatafore, et al., Demolition of adjacent building affected water tightness and structural integrity of common brick masonry wall. Case settled.

Company: Robinette Legal Group / Jeffery L Robinette, Morgantown, WV

Consultants: David Simpson P.E.

Contact Name: Robinette Legal Group / Jeffery L Robinette

Case Date: June 14, 2008

Brief description of case: Evaluation of claims of hidden structured conditions against previous owner. Found that current owner made modifications. Case settled.

Company: Erie Insurance Company / Dan Martin, Marietta, OH

Consultants: David Simpson P.E.

Contact Name: Erie Insurance Company / Dan Martin

Case Date: September 9, 2008

Brief description of case: Dean Truss Failure-Halleck Road, Horse barn trusses failed during construction.

Company: Robinette Legal Group / Jeffery L Robinette, Morgantown, WV

Consultants: David Simpson P.E.

Contact Name: Robinette Legal Group / Jeffery L Robinette

Case Date: July 25, 2008

Brief description of case: Leonhard v. Middletown Home Sales, House foundation systems settled and destroyed home. Settled in favor of homeowner Leonhard.

Company: Colombo Law Offices, Morgantown, WV

Consultants: David Simpson P.E.

Contact Name: Dino Colombo

Case Date: April, 2006

Brief description of case: Surface water runoff from city streets damaged homeowner's property. Case went to trial. Testimony provided and decided by jury in favor of homeowner



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SCHEDULE OF RATES & CHARGES - 2010-2011

Investigation & Report

| Service | Hourly Rate |
|-------------------------------------|---------------------------------|
| Investigative Engineer | \$150 |
| Non-Technical Assistants | \$100 |
| Oral Deposition Testimony | \$300 |
| Expert Witness/Live Trial Testimony | \$500 |
| Retainer Fee (File Review) | \$3,500 (20 hours at \$175/hr.) |

Hourly Service Requires 4 hour minimum

Evidence Pick-up

| Service | Flat Rate |
|------------------------|-----------|
| Large Evidence Pick-up | \$200 |
| Small Evidence Pick-up | \$100 |
| Sample Retrieval | \$100 |

Evidence Storage

| Service | Monthly Rate |
|------------------------|--------------|
| Large Evidence Storage | \$80 |
| Small Evidence Storage | \$30 |
| Sample Storage | \$20 |

Travel Zone Charges

| Distance | Charge |
|--------------------------------|------------|
| 30 miles or less – one way | No Charge |
| 30 – 50 miles one way | \$25 |
| 51 – 100 miles one way | \$50 |
| 101 – 150 miles one way | \$100 |
| Greater than 171 miles one way | \$0.6/mile |

Travel-related expenses will be billed at cost
 Lab Testing and Chemical Analysis available, but prices are dependent on requirements.
 Prices and services quoted but not limited to above.
 Special cases will be quoted as required.
 Cost does not include report preparation, clerical, tax and shipping.
 Must use Courier and Tracking Support for Chain of Custody as per ASTM Standards for evidence.



ORDER FORM

There are several methods to order a claim investigation;

1. Complete this form and email to; Dsimpson@CFForensics.com
2. Complete this form, print and fax it to 304-599-0772
3. Call 304-598-0773 and place a verbal order.
4. Go to www.ienga.com website, click on Assignment Form

Completion Target Date: _____ Priority Level: **Low Med High**
Name: _____ Title: _____
Company Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Email: _____ Telephone: _____ Fax: _____
Claim No _____ Date of Loss: _____

Your Client _____
Adverse Party: _____
Location of Occurrence: _____
City: _____ State: _____ Zip Code: _____
Additional Instructions: _____

- | | |
|---------------------------------------|------------------------------------|
| _____ Traffic Accident Reconstruction | _____ Property and Structural |
| _____ Construction Defect | _____ Mechanical and Electrical |
| _____ Personal Injury | _____ Fire and Arson Investigation |
| _____ Product Liability | _____ Cause and Origin |

Other (Please Describe): _____

INVOICING INFORMATION:

Invoice To: _____
Company: _____
Address: _____
City: _____ State: _____ Zip Code: _____



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