

Curriculum Vitae of Jeff Charlton CIEC Hon Fellow BDMA – AMRT-CR-CMH IICRC
Instructor status.

Jeff Charlton Info@buildingforensics.co.uk www.buildingforensics.co.uk T 07990500999

Professional Summary

A highly experienced disaster recovery and restoration expert with over 35 years of global experience, specializing in floods, fires, explosions, decontamination, and sanitation, including mold and biological contaminants. Skilled in using advanced forensic and environmental technologies, with a proven track record of successfully managing large-scale decontamination operations and consulting on complex cases. An expert witness in building-related damage, health issues, and toxic mould cases, with a strong foundation in environmental health and safety standards.

Focussing on assisting those with mould and building related illness since 2010

Key Qualifications

- **Industry Expertise:** Specialized in disaster recovery, decontamination, mould remediation, and Indoor Air Quality (IAQ) testing.
- **Consulting & Testifying Expert:** Served as Sole Joint Expert under Part 35 and provided expert testimony in high-profile cases involving building contamination, toxic mold, and construction defects.

UK specific certification

- **Certified Member of the Chartered Institute of Environmental Health**
- **Scientific Member British Environmental Medicine Society**
- **Senior tech & Hon Fellow British Damage Management Association (BDMA)**
- **Emergency Planning CBRN group member**
- **Certified BIOH asbestos**

International Certification:

- **Council Certified Indoor Environmental Professional (CIEC)**
- **Certified Restorer and Water Loss Specialist (RIA) USA**
- **Certified Mold remediation AMRT**
- **Blood Trauma -Crime scene and CBRN decontamination**
- **Meth lab and Cannabis farm**
- **Level 1 Inst American Forensics examiners**

Technological Proficiency:

Experienced in state-of-the-art measurement technology and analysis tools for disaster recovery and environmental health assessments.

- **Certified water damaged Concrete floor assessments Grade 1**
 - **Level 1 Thermographer**
 - **Certified Drone pilot**
-

Curriculum Vitae of Jeff Charlton CIEC Hon Fellow BDMA – AMRT-CR-CMH IICRC
Instructor status.

Jeff Charlton Info@buildingforensics.co.uk www.buildingforensics.co.uk T 07990500999

Professional Experience

Consultant and Expert Witness

- Served as both consulting and testifying expert in cases involving toxic mold identification, building-related health effects, and construction defects.
- Provided scope of work to the US Corps of Engineers for restoration projects post-Gulf War, including Emirs' palaces and Ministries in Kuwait.
- Engaged with global organizations to apply advanced forensic and decontamination techniques in the UK.
- Supporting legal cases to civil and criminal courts 2000 -Current

Post-Gulf War Decontamination Specialist

1991-92

- Hired and led teams of over 500 personnel in hazardous conditions to restore hotels, oil fields, and strategic government buildings in Kuwait.
- Directed the decontamination of critical infrastructure, providing key consultation on disaster recovery operations.

Founding Chairman, British Damage Management Association (BDMA)

1999-2000

- Made initial funding available and established the BDMA to standardize and promote damage management practices in the UK.
- Played a pivotal role in shaping professional standards for disaster recovery in the UK.

Awards & Recognition

- Lifetime Achievement Award, Contingency Insurance Risk (CIR), 2013
- Disaster Recovery of the Year, CIR Awards (199 and 2001), Shortlisted (2002)
- Innovative Product Award, BANG 2010, CIR 2010, CBON 2001
- Shortlisted for Innovative Training Awards, Emergency Planning Society, 2014
- European Mould expert 2024

Public Speaking & Media Contributions

- Frequent guest on Sky TV, BBC TV, ITV, and Channel 4, providing expert analysis on disaster recovery and environmental health issues.
- Invited to speak at the House of Commons, providing evidence on flood restoration and industry response at a Parliamentary Joint Committee on Flood Insurance. (Hansard)
- Visiting lecturer on counterterrorism at Cranfield Royal Military College and participant in international conferences, including FBI and Homeland Defence events & RUSI.
- Presented Mould seminars at Surviving Mold USA 2018 –

Curriculum Vitae of Jeff Charlton CIEC Hon Fellow BDMA – AMRT-CR-CMH IICRC
Instructor status.

Jeff Charlton Info@buildingforensics.co.uk www.buildingforensics.co.uk T 07990500999

- Presented seminars on Mould health risks to CIEH and BDMA
 - Emergency Planning conference a desk top exercise on Chemical, Biological, Radiological and Nuclear Centre (“CBRN”) simulation of terrorist attack to shopping Centre in association with HPA Cabinet office and Government Decontamination Service
-

Professional Affiliations & Accreditations

- Certified Indoor Environmental Consultant, US Board Certified (ANSI)
- Accredited Associate Member, Chartered Institute of Environmental Health
- Participant in Standards Committees: EU and British Standards, Business Continuity, Disaster Recovery, and Counter Terrorism

For a full list of accreditations and certifications, please visit: <https://www.buildingforensics.co.uk/our-accreditation.html>

Select Projects & Achievements

- Provided critical testimony and expert analysis in disputes involving mold contamination and building-related health concerns.
 - Successfully challenged UK experts and laboratories regarding contamination exposure issues, adhering to World Health Organization Guidelines for Indoor Air Quality (2009).
 - Designed novel counter-terrorism solutions for road-side IEDs and car bombs, presented to the Ministry of Defence at Porton Down (2011).
 - Co-author British Standards PAS64 and BS 12999
 - Co- author Surviving Mold Consensus document
 - Co- founder International Association of Environmentally Acquired illness
 - Chairman Business Continuity Institute.
-

Education & Training

- ONC Engineering
 - Disaster Recovery and Decontamination Training with internationally recognised certification.
 - Ongoing professional development through certifications in IAQ testing and forensic investigation technologies.
-

Curriculum Vitae of Jeff Charlton CIEC Hon Fellow BDMA – AMRT-CR-CMH IICRC
Instructor status.

Jeff Charlton Info@buildingforensics.co.uk www.buildingforensics.co.uk T 07990500999

Business BIO and experience

The following pages show a little evidence of the 40 years of experience in the disaster recovery and environmental Hygiene industry.



Royal United Services Institute

Visiting lecturer at RUSI

A review of the UK terrorist response to CBR attack at RUSI (Whitehall)



House of Commons
Environment, Food and Rural
Affairs Committee

Managing Flood Risk

Third Report of Session 2013–14

**Providing expert testimony to
House of Commons**

[https://publications.parliament.
uk/pa/cm201314/cmselect/cme
nvfru/330/330vw.pdf](https://publications.parliament.uk/pa/cm201314/cmselect/cmenvfru/330/330vw.pdf)



**Jeff Charlton consultant and technical member of
SHEER. Contracted 24/7 based Basle. Switzerland**

The Committee provides opinions on questions concerning emerging or newly identified health and environmental risk and on broad, complex or multidisciplinary issues that require a comprehensive assessment of risks to consumer safety or public health and related issues not covered by other European Union risk assessment bodies. Emergency response CBRN.

https://ec.europa.eu/health/scientific_committees/scheer_en

**Chartered Institute of
Environmental Health**



Jeff Charlton qualified member of CIEH since 2013

Qualified as per Environmental Health Officer without
authority.



International Society for Environmentally Acquired i

Founding Member



**Member of the Environmental Hygienist panel and Co-
author with Dr. Shoemaker of Consensus document**

Curriculum Vitae of Jeff Charlton CIEC Hon Fellow BDMA – AMRT-CR-CMH IICRC Instructor status.

Jeff Charlton Info@buildingforensics.co.uk www.buildingforensics.co.uk T 07990500999



Foundation of IICRC S520 International Mould Standard

The beginning of the now internationally accepted guidance document IICRC S520 on mould remediation. Held on Canadian Border.

1999 Jeff Charlton far left.



Jeff with his mentor Dr Ritchie Shoemaker. One of Americas leading mould experts

I have been very honoured to have written two mould related and peer reviewed papers under his guidance.

Dr Shoemaker is the gold reference Standard of mould illness and treatment.



The British Damage Management Association BDMA in 1999

Jeff as founding Chairman presented the launch at Lloyds of London Old Library.

Set up the mission statement and protocols to guide the UK disaster recovery industry

Jeff Far right Hon Fellow BDMA

THE ORIGINAL BDMA EXECUTIVE, 1999



Jeff Charlton Expert panel Conference on Flood Risks 2022

Debating mould and biological contamination at international conference on flood risks London 2022.

Curriculum Vitae of Jeff Charlton CIEC Hon Fellow BDMA – AMRT-CR-CMH IICRC Instructor status.

Jeff Charlton Info@buildingforensics.co.uk www.buildingforensics.co.uk T 07990500999



Providing professional services in mould and disaster recovery for over 35 years.

Complying with WHICH Trusted Traders standards for over a decade.

Industry voted awards



WINNER: Building Forensics Ltd
Best Mould Health Solutions Provider 2024 - UK



Lifetime Achievement



Expert of the Year



Business Continuity Strategy



Disaster Recovery of the Year awards 1999 and 2001



Curriculum Vitae of Jeff Charlton CIEC Hon Fellow BDMA – AMRT-CR-CMH IICRC Instructor status.

Jeff Charlton Info@buildingforensics.co.uk www.buildingforensics.co.uk T 07990500999



Security Industry Trainer of Year (CBRN)



Innovative product CBRN Response Planning

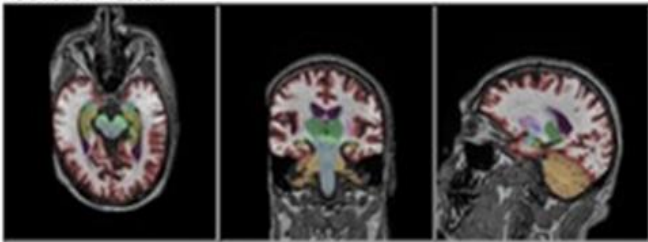


Jeff is at home in the lab or on site



Personal Health issues

Inflammatory Response from mould exposure.

PATIENT INFORMATION			Version 3.6.8		
Patient ID:	Patient Name:	Sex:	Age:	Referring Physician:	
K100158760	Charlton, Jeffrey	M	71		
SCAN INFORMATION					
Scan Date:	Accession Number:				
2021-03-10	NV1X0202418612				
MORPHOMETRY RESULTS					
					
Structure	Total Volume (cm ³)	Percentile		Cortical Brain Regions	Percentile
		Left	Right		Total
Anterior Cingulate	110	-	-	Frontal Lobe	13
Whole Brain	1302	30	30	Superior Frontal	25
Forebrain Parenchyma	1000	30	30	Orbita Frontal	25
				Orbita Frontal	25
				Superior Subfrontal	25
				Medial Subfrontal	25
				Precentral	25
				Primary Motor	25
				Primary Somatosensory	25
				Medial Parietal	25
				Superior Parietal	25
				Inferior Parietal	25
				Supramarginal	25
				Orbita Lateral	25
				Medial Occipital	25
				Lateral Occipital	25
				Temporal Lobe	25
				Transverse Temporal + Superior Temporal	25
				Posterior Superior Temporal Sulcus	25
				Middle Temporal	25
				Inferior Temporal	25
				Parahippocampal	25
				Entorhinal Cortex	25
				Temporal Pole	25
				Amygdala	25
				Hippocampus	25

My Journey with Brain Inflammation

After nearly 40 years of working in building decontamination, my immune system reached a tipping point. In 2018, following an accidental mold exposure in a house, I suddenly lost the ability to walk or talk. This event led to my admission to the hospital, where on separate occasions over two years, I experienced two heart attacks, two strokes, and two brain bleeds—all initially misdiagnosed.

Fortunately, I received treatment from some of the world's leading experts in inflammatory response, spanning Australia, the USA, and London. My treatment was data-driven and evidence-based, focusing heavily on managing brain inflammation.

Now, I openly share my medical records to support others suffering from conditions often triggered by chronic exposure to inflammagens. At over 75, I am working harder than ever, using my extensive experience to provide invaluable services worldwide



Training Day

Training my granddaughters in response to CBRN event and proving you're never too old or young to be trained if you make it fun.