

ELEANOR ‘NELL’ WATSON

CITP CMGR FBCS FCMI FRSS SMIEEE

www.linkedin.com/in/nellwatson – www.nellwatson.com/publications – www.nellwatson.com/scholar

TRUSTED ADVISOR · AI WRANGLER · ETHICS & GOVERNANCE SPECIALIST

Agentic AI safety architectures · Constitutional AI & runtime alignment · Diagnostic frameworks for AI behavioural dysfunction · Transparency & machine agency standards · Psychosecurity and AI-enabled influence defences



Engineer, ethicist, and standards architect specialising in agentic AI safety, transparency, and value alignment. Chair of multiple IEEE standards (P3152, P3173; Vice-Chair P7001) and advisor to UK government bodies including the ICO and AI Safety Institute. President of the European Responsible AI Office (EURAIO). Author of *Taming the Machine: Ethically Harness the Power of AI* (2024) and co-author of *Safer Agentic AI: Principles & Responsible Practices* (2026).

CAREER SYNOPSIS

President & Chair | European Responsible AI Office (EURAIO) Sep 2020 – Present

– Europe-focused organisation advising enterprises and governments on responsible AI governance

Technology Advisory Panel Expert | Information Commissioner’s Office Oct 2022 – Present

– Advising on AI regulation, data processing implications, and emerging technology impacts on information rights.

Funding Advisor, Speculation Grantor | Survival & Flourishing Fund, AISI, FLI Jan 2022 – Present

– Directing ~\$1M annually from ~\$5–10M donor pool toward AI safety and existential risk reduction

AI Ethics Maestro, Chair | IEEE Standards Association Mar 2017 – Present

– Leading ECPAIS Ethics Certification Program; coordinating multi-stakeholder international standards work.

Founder, Chair | EthicsNet Creed Space July 2015 - Present

– Building crowd-driven, AI-augmented annotation platform for ethical training data

Faculty AI & Robotics, Fellow for Ethics, Visiting Scholar | Singularity University June 2015 – Present

– Executive education and research on emerging technologies, and the responsible usage thereof.

Executive Consultant Philosopher | Apple/A24 May 2020 – May 2024

– Consultation on AI philosophy, robot design, and script development for science fiction (Sunny series).

CEET Certification Design Team | CertNexus May 2020 – Present

– Designing and authoring ethics certification curriculum for emerging technology practitioners (on Coursera).

Nonresident Senior Fellow, GeoTech Center | Atlantic Council Sep 2020 – Sep 2022

– Research on ensuring emerging technologies empower prosperity and peace across nations.

Founder and CEO | QuantaCorp.io (formerly Poikos, now BodiData) Jul 2010 – Oct 2016

– Pioneered deep machine vision for remote optical 3D body measurement. Scaled to commercial deployment; secured 9 international patents across US, EU, CN, JP, RU, BR, IL.

Early Career Jul 2001 – Oct 2010

– Various roles in IT Support, Database Administration, and Business Development.

IEEE STANDARDS LEADERSHIP

Chair, P3152 — Human/Machine Agency ID

Chair, P3173 — EDC Hazard Labelling

Vice-Chair, P7001 — Transparency of Autonomous Sys.

Lead, ECPAIS Transparency — Ethics Certification

ACADEMIC BACKGROUND AND CONTINUING PROFESSIONAL DEVELOPMENT

Doctoral Candidate, Engineering University of Gloucestershire

Viva pending

PgCert Research Methods University of Gloucestershire

2024

PgDip Strategic Business IT NCC

2010

BOOKS

Taming the Machine: Ethically Harness the Power of AI (Kogan Page, 2024)

Safer Agentic AI: Principles & Responsible Practices, with Prof. Ali Hessami (Kogan Page, 2026)

PATENTS

Secured 9 International Patents (US, EU, CN, JP, RU, BR, IL) regarding Machine Vision and 3D Body Measurement (e.g., US Patent 8,842,906) for a Machine Vision, Machine Intelligence, and Advanced Statistical Analysis driven remote optical 3D Body Measurement invention granted on September 23, 2014, under Poikos (now QuantaCorp/Bodidata).

FELLOWSHIPS AND MEMBERSHIPS

Chartered Fellow of BCS, The Chartered Institute for IT (FBCS). Chartered Fellow of the Chartered Management Institute (FCMI). Fellow of the Institution of Analysts and Programmers (FIAP), the Royal Society of Arts (FRSA), the Royal Statistical Society (FRSS), and the Linnaean Society (FLS). Senior Fellow The Atlantic Council. Senior Member IEEE (SMIEEE).

SELECTION OF PUBLICATIONS (SEE NELLWATSON.COM/PUBLICATIONS)

Augmented Behavioral Annotation Tools, with Application to Multimodal Datasets and Models: A Systematic Review

Developing a Maximum-Entropy Restricted Boltzmann Machine with a Quantum Thermodynamics Formalism

Docking and molecular dynamics studies of human ezrin protein with a modelled SARS-CoV-2 endodomain and their interaction with potential invasion inhibitors

Psychological and Psychosocial Consequences of Super Disruptive A.I.: Public Health Implications & Recommendations,

Special Guest Editor of the Journal *Informatica*, "The Superintelligence Edition", 2018

Author, Understanding Convolutional Neural Networks, O'Reilly Media

Guest Editor, Informatica Journal Superintelligence Special.

Editorial Board Member, Journal of Digital Medicine, Journal of Future Robot Life. Springer's Series on Transhumanism.

Peer Review Board Member, AI Ethics Journal, NeurIPS.

Program Committee Officer Safe & Trustworthy AI Workshop Beneficial AGI Summit, AICon.

SELECTION OF ADVISORY EXPERIENCE

Founder & Council Member: The International Society of Digital Medicine

Editorial Board Member: The Journal of Digital Medicine

Peer Reviewer: IEEE Computer, NeurIPS

Venture Partner: 1000 Angels

Senior Scientific Advisor: The Future Society's AI Initiative, Diversity.AI

Membership & Fellowship Assessor, BCS, The Chartered Institute for IT

Judge: The ANA Avatar XPRIZE

Advisor: The Millennium Project Global Futures System, Good Judgment Project, The Future of Sentience Society

Advisor: Backstage Ventures, Science Capital, Warwick Entrepreneurs, A.I. Dragons, A.I. Black Belt, Graviky Labs, Dbrain,

Mentor: Startupbootcamp, TechMall accelerators

LANGUAGES

Native English (C2), business-level Dutch/Flemish (B2), and elementary Romanian (A2).