



# Terry Young

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**A strong communicator with 16 years in industry designing devices and systems and 17 years as a Professor leading large multi-disciplinary research teams in healthcare, while developing key pedagogical innovations, who generates new ideas for wider benefit. A driver of transformation and organisational change with a deep understanding of the commercial value of digital technology and recognised as an extraordinary networker with the ability to work with people from diverse backgrounds encouraging them to orientate their thinking around a common challenge.**

**Delivers thought leadership through consulting publishing, conferences seminars and has been acknowledged for the way he challenges accepted orthodoxy of current practice in an amusing and insightful way, while presenting unexpected alternatives.**

## Executive Career

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### **Datchet Consulting** 2018-present

**A consulting organisation supporting clients with interests across industry, academia and healthcare. Director**

- Produced plans and proposals around regional supply chain regeneration and energy infrastructure.
- Shaped a client's thinking on developing an understanding of analytical maturity enabling them to deliver their project, an assessment website for governance quality.
- Introduced new partners and ideas to co-create for a client a set of new exciting multi-partner projects, covering aviation-related research, carbon footprint, logistics and new materials, so helping the client to align funding opportunities with industrial aspirations.
- Worked with and delivered seminars for universities to help them structure their thinking on teaching & learning; and produced a 2020 YouTube playlist on pedagogy under lockdown.
- Supported Christian charities to help identify and deliver best secular practice while reflecting their core principles.

### **Cumberland Initiative Company** 2018-present

**An initiative created in 2010 out of Brunel University and spun out in 2018. Director**

- Created the new independent entity and contributed to proposals for systems design of services and facilities

### **Brunel University, London** 2018-present

#### **Professor Emeritus**

- Publishing papers on blended learning and value-for-money in healthcare design.
- Shortlisted for Operational Society Goodeve Medal in 2021 for a paper on combining health economics with operational research for stroke services.

### **Brunel University, London.** 2001-2018

**A medium sized university recognised for punching above its weight in research funding and for a long tradition in engineering and healthcare with around 14,000 students on the largest single campus within the M25.**

#### **Professor of Healthcare Systems**

- Brought in University's first multimillion-pound funded, multi-university research programme
- Developed a business unit to manage research outcomes and funds from diverse origins to diverse institutions.
- Developed and published on blended learning, group projects and assessment. Boosted quality, cut failures.
- Involved at central university level on: costing issues, innovation and research & knowledge transfer
- Responsible for staff development, annual appraisal, and Committee for Academic Staff Promotions.
- Served as external examiner at Imperial and Southampton Universities

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## Earlier Career

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### **GEC plc and then Marconi plc 1985-2001**

- Started as a research scientist and finished up in the Office of the Chief Technology Officer as Business Development Director, Medical Systems.
- 8 patents in communications technology and healthcare.

### **Relevant experience**

- Successfully ran a research division delivering photonic and electronic prototypes and demonstrators.
- Developed a world-leading photonic design facility and used it to gain access to US and European programmes.
- Ran planning and strategy sessions in the UK and the US that resulted in a healthcare vertical within Marconi.
- Miscellaneous innovation and technology activities: turned down a job in an M&A team to become a professor.

## Non-Executive /Advisory/ Trusteeships Roles

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### **Slough Baptist Church 2009-2015**

#### **A town centred church with an annual budget of £200-250K per year Trustee**

- Brokered a solution between polarised views on giving to outside causes that has endured for over a decade
- Championed spinning the Foodbank out as a separate charity to streamline management processes.

### **Datchet St Mary's C of E Primary 2005-2011**

#### **Village school with around 270 students from reception to year 6 Governor and Chair of Finance Committee**

- Provided governance, helped managed a year's overspend, maintaining high quality OFSTED reviews throughout.

## Education

## Professional Qualifications/memberships

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**University of Birmingham, UK 1986**  
PhD: 'A high precision laser heterodyne spectrometer'

**BCS, The Chartered institute for IT**  
Fellow

**University of Birmingham, UK 1981**  
BSc: Electronic Engineering & Physics (Jt Hons, 1st Class)

## Recognition

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- Significant publications with 4,500 citations on [Google Scholar Profile](#);
- Shortlisted for Operational Research Society's Goodeve Medal, 2021 for a paper on designing health systems
- Diversity Steering Group, Research and Innovation (2015-2017) (Chair: Minister for Universities and Science)
- Named Top 50 NHS Innovator by Health Service Journal (2013)
- Plenary speaker, IBM Almaden Institute (2010)
- International Scientific Advisory Committee, Centre for Translational Molecular Medicine (2009-2014). The committee (all except the chair) came from outside the Netherlands. We reviewed and monitored ~€300M of healthcare projects with medical, academic, and industrial partners.
- IEE Premium (1989) for best paper in an IEE journal for a paper on designing integrated optics using finite elements.

## Other Interests

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**Writing, church leadership, public speaking, blogging on Christian topics, publishing on health and education, music composing**