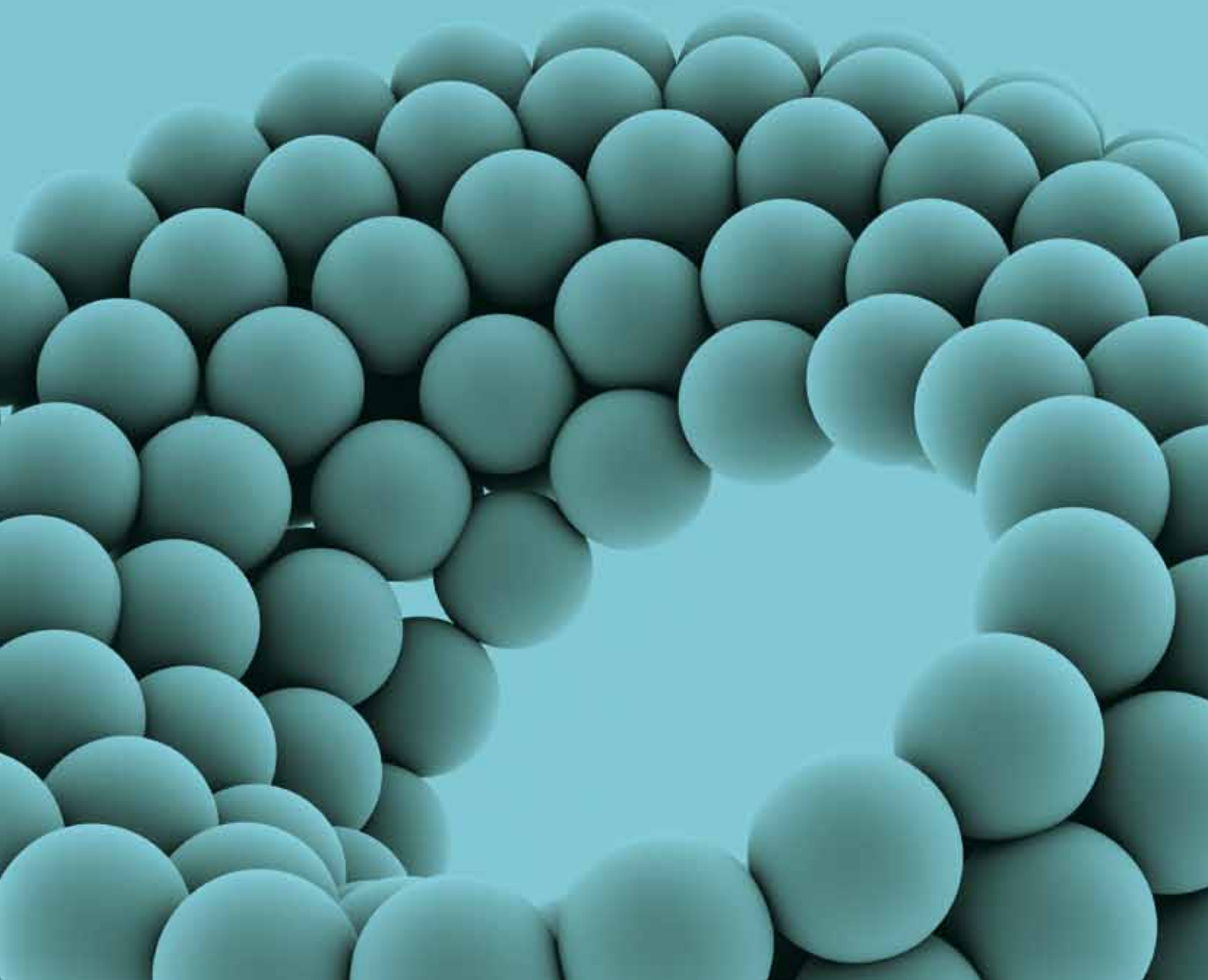
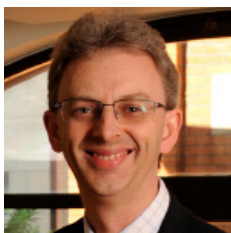


Patent Group - Chemical,  
Pharmaceutical and  
Chemical Engineering



# Chemical, Pharmaceutical & Chemical Engineering

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**Philip Towler**  
**Partner and Head of Group**  
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Tel +44 (0)20 7632 7200

## Education

MA, University of Oxford, Natural Sciences (Chemistry), 1988

## Professional Qualifications

European Patent Attorney, 1993

UK Chartered Patent Attorney, 1994

Registered UK Trade Mark Attorney, 1994

Professional Representative before OHIM, 1995

## Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

Institute of Trade Mark Attorneys

European Communities Trademark Association

International Trademark Association

European Patent Institute

## Professional Experience

Philip joined the firm in 1988 and became a Partner in 1998. Whilst studying for his degree in Oxford, he spent a year researching ultrafast laser-induced electron spin resonance techniques. He also completed a course in Quantum Chemistry.

Philip handles patent matters before the UK and European Patent Offices in all areas of chemistry, including pharmaceuticals, polymers, petrochemistry, pigments, electronic materials, photoimaging and food technology. He has substantial experience in representing clients in EPO opposition and appeal proceedings. Philip also maintains a thriving trade mark practice with clients inter alia in the retail, packaging, medical, chemical and civil engineering sectors.



**Derek Matthews**  
**Partner**  
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## Education

BSc Hons (First Class), Imperial College, University of London, Chemistry, 1981

PhD, University of London, Physical Chemistry:

"Properties of molecular sieve zeolites", 1985

## Professional Qualifications

UK Chartered Patent Attorney, 1989

European Patent Attorney, 1989

Professional Representative before OHIM, 1996

## Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

Royal Society of Chemistry (MRSC)

Member of AIPPI

European Patent Institute

## Professional Experience

Derek Matthews joined the firm in 1984 and became a Partner in 1995.

Derek handles patent work in all types of chemical fields and has acted in recent years in the pharmaceutical and animal health areas, fluoropolymers and fluorochemicals, fuel additives, biocides and building materials.

He has acted for clients in a number of multi-party EPO opposition matters, including several run in parallel with UK High Court litigation.



## **Roberto Calamita**

**Partner**

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### **Education**

MA, University of Oxford, Natural Sciences (Chemistry), 1985

### **Professional Qualifications**

European Patent Attorney, 1991

UK Registered Trade Mark Attorney, 1991

UK Chartered Patent Attorney, 1992

Professional Representative before OHIM, 1995

### **Membership of Professional Bodies**

Fellow of the Chartered Institute of Patent Attorneys

Institute of Trade Mark Attorneys

European Communities Trademark Association

International Trademark Association

European Patent Institute

### **Professional Experience**

Roberto joined the firm in 1985 and became a Partner in 1996. He handles both patent and trade mark matters and is the Head of the firm's Trade Marks Group.

Roberto has substantial trade mark experience and has a client base covering a range of commercial areas, including chemistry, pharmaceuticals, engineering, lighting, clothing and fashion, publishing and media, telecommunications and financial services. He is listed in the "Managing Intellectual Property Guide to the World's Leading Trade Mark Practitioners".

In relation to patent matters, Roberto prosecutes patent applications in all areas of chemistry, with particular emphasis on materials, polymers and alloys.



## **Louise Golding**

**Partner**

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### **Education**

MA, University of Oxford, Natural Sciences (Chemistry), 1990

### **Professional Qualifications**

UK Chartered Patent Attorney, 1995

European Patent Attorney, 1995

### **Membership of Professional Bodies**

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

### **Professional Experience**

Louise Golding joined the firm in 1990 and became a partner in 2002. Her studies at Oxford included a year's research in quantum physics.

Louise handles patent work in all areas of chemistry including pharmaceuticals, medical methods and devices, petrochemicals, polymers and beverages. Her clients range from Universities and start-ups to multi-national corporations. Louise has many long term clients in Scandinavia, in particular in Norway.

Louise has considerable experience in patent drafting for a number of direct clients and routinely provides advice on IP strategy. She also has many years of experience in handling prosecution of patents in a diverse range of chemical fields, but especially in the area of pharmaceuticals. For several clients Louise's work also involves the preparation of due diligence reports for potential investors and providing advice on freedom-to-operate issues.

# Chemical, Pharmaceutical & Chemical Engineering

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## **Annabel Beacham**

**Partner**

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### **Education**

MA, University of Oxford, Natural Sciences (Chemistry), 1991

DPhil, University of Oxford, "Studies in Higher Sugars", 1994

### **Professional Qualifications**

European Patent Attorney, 1998

UK Chartered Patent Attorney, 1999

### **Membership of Professional Bodies**

Fellow of the Chartered Institute of Patent Attorneys

Institute of Professional Representatives before the European Patent Office

European Patent Institute

### **Professional Experience**

Annabel joined the firm in 1994 and became a Partner in 2002. She prosecutes patent applications in all areas of chemistry, including pharmaceuticals, agrochemicals, blood products, printer inks, and personal care products. She has also handled a number of applications for Supplementary Protection Certificates. Annabel also has significant experience of opposition cases at the European Patent Office.



## **Neil Campbell**

**Partner**

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### **Education**

BA (First Class), University of Oxford, Natural Sciences (Chemistry), 1995

### **Professional Qualifications**

UK Chartered Patent Attorney, 1999

European Patent Attorney, 1999

### **Membership of Professional Bodies**

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

### **Professional Experience**

Neil joined the firm in 1995 and became a Partner in 2003. Whilst studying for his degree in Oxford, he spent a year working for Professor George Fleet researching muscarinic analogues of the sugar L-rhamnose. He also completed a course in Chemical Pharmacology as part of his studies.

Neil handles work in various technical fields. Neil has particular knowledge of Polymer Chemistry, especially in polyethylene and polypropylene manufacture and formulation. Neil also has considerable experience in the drafting, prosecution and litigation of pharmaceutical patents. Other fields in which Neil has experience are as diverse as solid phase supports for biotechnological assays, X-ray contrast agents, marine paints and artificial stone to breakfast cereals, photographic chemicals, peptides and petrochemicals.

Neil is a regular traveller to Scandinavia, in particular Norway, where he deals with clients from University Professors and small start up companies through to large multinational corporates. He has also represented his clients in many opposition and appeal hearings before the EPO.



## **Christopher Goddard**

### **Partner**

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#### **Education**

BA, University of Cambridge, Natural Sciences (Chemistry), 1994

PhD, University of Cambridge, Thesis Title: "Resin-bound Synthesis and Template-based Chemical Libraries", 2000

#### **Professional Qualifications**

Certificate in IP Law, University of London, 2001

European Patent Attorney, 2003

UK Chartered Patent Attorney, 2004

#### **Membership of Professional Bodies**

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

#### **Professional Experience**

Chris joined the firm in 1999 after completing his studies at the University of Cambridge. Whilst at Cambridge he carried out an undergraduate research project into the use of Catalytic Antibodies in organic synthesis, and later became a postgraduate Research Associate at the University Chemical Laboratories, where he was involved in the development of a Solid-Phase Multiple-Parallel Synthesis Platform in collaboration with PE Biosystems, California.

Chris became a Partner of the firm in 2013. He handles patent work for a variety of clients from sole-inventors and small biotech companies to multinational corporations. A considerable proportion of his work originates from clients in Scandinavia. Chris provides patent drafting, filing, international prosecution and advice services and has experience in oppositions and appeals before the EPO. Chris works with inventions from a broad range of chemical technologies including organic chemistry, polymers, fluorochemicals, pharmaceuticals, in vivo delivery formulations and diagnostic assays. He has also been involved in litigation work in the UK and elsewhere.



## **Sara de Bresser**

### **Associate**

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**Tel** +44 (0)20 7632 7200

#### **Education**

BSc Hons, University of Strathclyde, Forensic and Analytical Chemistry, 1998

PhD, University of Cambridge, Chemistry, 2001

#### **Professional Qualifications**

Certificate in IP Law, University of London, 2003

European Patent Attorney, 2006

UK Chartered Patent Attorney, 2007

#### **Membership of Professional Bodies**

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

#### **Professional Experience**

Sara de Bresser (née Kidd) graduated from the University of Strathclyde in 1998 with an Honours Degree in Forensic and Analytical Chemistry. As part of her course, she spent over a year in the Netherlands, working on research projects at the University of Utrecht and Philips Research. Since then, Sara obtained a PhD from the University of Cambridge for her work in the field of main-group organometallic chemistry. She joined the firm in 2001, and became an Associate in 2008.

Sara prosecutes patent applications in all areas of chemistry, including polymers, pharmaceuticals, diagnostic assays, water treatment, catalysts and hydrocarbon processing. She also drafts and files new patent applications in these areas as well as advising clients on other aspects of patent law, including infringement and validity.

# Chemical, Pharmaceutical & Chemical Engineering

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## **Jennifer Gordon**

**Associate**

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### **Education**

MChem (First Class) University of Edinburgh, Chemistry, 2005 (Awarded the Gillies Prize for obtaining the highest overall mark and the Stephenson Prize for the best final year research project)

PhD, University of Edinburgh, Bioorganometallic Complexes of Ruthenium and Osmium, 2009

### **Professional Qualifications**

Certificate in IP Law, Brunel University, 2009

European Patent Attorney, 2012

UK Chartered Patent Attorney, 2012

### **Membership of Professional Bodies**

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

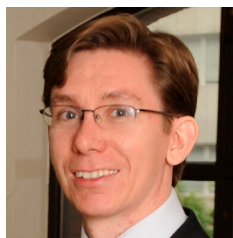
Member of the Royal Society of Chemistry

### **Professional Experience**

Jennifer joined the firm in 2008 and became an Associate in 2014. Whilst studying for her degree in Edinburgh, she gained experience in synthetic organometallic chemistry and later completed a PhD working with organometallic complexes of ruthenium and osmium. During this period, Jennifer also obtained experience in numerous analytical methods including crystallography, NMR, mass spectrometry and electrochemistry. She also spent time working with biological assays and cell culture.

Jennifer handles patent work relating to technologies in a variety of chemical fields, such as petrochemicals, polymers and pharmaceuticals as well as biochemical inventions, medical methods and assays. She represents clients ranging from sole-inventors and small companies to multinational corporations. A considerable proportion of her work originates from clients in Scandinavia.

Jennifer has experience in all aspects of patent work including drafting applications, prosecution of UK and European patent applications and can advise on issues such as worldwide filing strategies, patent enforcement and infringement and validity. She also manages the prosecution of international patent portfolios for her clients and regularly takes part in opposition and appeal proceedings before the European Patent Office.



## **Alexander Robinson**

**Associate**

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### **Education**

MChem (First Class) University of Oxford, Chemistry, 2006

DPhil, University of Oxford, Chemistry, 2011

### **Professional Qualifications**

Certificate in IP Law, Brunel University, 2011

European Patent Attorney, 2015

UK Chartered Patent Attorney, 2015

### **Membership of Professional Bodies**

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

Member of the Royal Society of Chemistry

Associate Member of the Institute of Physics

Member of the American Chemical Society

### **Professional Experience**

Alex joined the firm in 2010 and became an Associate in 2016. He studied chemistry at the University of Oxford, where he specialised in physical chemistry and carried out a final-year research project on the photochemistry of spin-

selective radical reactions. He remained at Oxford to build on this research by undertaking a doctorate in biophysical chemistry, during which he investigated optically-detected electron spin resonance phenomena relating to photochemical electron transfer processes in flavoproteins. His studies included a period on secondment to the Université Pierre et Marie Curie in Paris, where he gained experience of recombinant protein production and purification techniques.

Alex handles patent work in a wide range of chemical fields, including small-molecule pharmaceuticals, food supplements, medical devices, and petrochemicals. He has a particular focus on patent applications at the boundaries of chemistry, physics and materials science, including NMR techniques, quantum dots, OLEDs, and photovoltaic cells. His clients include major international companies such as DuPont and Statoil, as well as universities, SMEs and start-ups both in the UK and overseas, particularly in Norway.

Alex has extensive experience of drafting and prosecuting patent applications in the UK and Europe as well as coordinating filing and prosecution strategies in other major markets such as the USA, Japan and China. He also provides patentability and freedom-to-operate advice, and has been closely involved with EPO Opposition and Appeal proceedings. In addition to his patent work, Alex also deals with Supplementary Protection Certificates for pharmaceutical products.

**Thomas Lorkin****Assistant****Email** [tlorkin@dehns.com](mailto:tlorkin@dehns.com)**Tel** +44 (0)20 7632 7200**Education**

MChem, University of Oxford, Chemistry, 2009

DPhil, University of Oxford, Organic Chemistry, 2013

**Professional Qualifications**

Certificate in IP Law, Brunel University, 2014

**Membership of Professional Bodies**

Student Member of the Chartered Institute of Patent Attorneys

**Professional Experience**

Tom graduated from the University of Oxford with a first-class Masters degree in Chemistry in 2009, including advanced options in lasers, asymmetric synthesis and secondary metabolism. In his final year he undertook a project into the synthesis of aminosugars. He subsequently remained at Oxford to study for a D.Phil. in Organic Chemistry, developing a new synthesis of bioactive plant alkaloids and their analogues.

**Mark Scott****Assistant****Email** [mScott@dehns.com](mailto:mScott@dehns.com)**Tel** +44 (0)20 7632 7200**Education**

MChem (First Class), University of Oxford, Chemistry, 2013

**Professional Qualifications**

Certificate in IP Law, Brunel University, 2014

**Membership of Professional Bodies**

Student Member of the Chartered Institute of Patent Attorneys

**Professional Experience**

Mark joined the firm in 2013 shortly after graduating from Oxford University with a First Class Honours Degree in Chemistry. His final year was spent on a research project investigating the synthesis of Transition Metal Alkane Complexes.

Mark previously spent a summer studying the modification of catalyst surfaces at Diamond Light Source. He handles patent work in a variety of chemical fields, including pharmaceuticals.

# Chemical, Pharmaceutical & Chemical Engineering

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## **Philippa Roberts**

### **Assistant**

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**Tel** +44 (0)20 7632 7200

### **Education**

MChem, (First Class) University of Oxford, Chemistry, 2008

PhD, University of Cambridge, Biochemistry, 2014

### **Professional Qualifications**

Certificate in IP Law, Brunel University, 2015

### **Membership of Professional Bodies**

Student Member of the Chartered Institute of Patent Attorneys

### **Professional Experience**

Philippa graduated from the University of Oxford in 2008 with a first-class Master of Chemistry degree, including advanced options in organometallic chemistry and quantum chemistry. In her final year she undertook a research project studying electron transfer in proteins, for which she won the Inorganic Chemistry thesis prize.

After graduating Philippa did a six month internship at Sharp Laboratories of Europe developing medical diagnostic devices. She subsequently moved to the University of Cambridge to study for a PhD, researching proton transfer by mitochondrial proteins.

Philippa joined the firm in January 2014.



## **Emily Kiss**

### **Assistant**

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**Tel** +44 (0)20 7632 7200

### **Education**

MSci (First Class), University of Bristol, Chemistry, 2011

DPhil, University of Oxford, Organic Chemistry, 2015

### **Membership of Professional Bodies**

Student Member of the Chartered Institute of Patent Attorneys

### **Professional Experience**

Emily graduated from the University of Bristol in 2011 with a first class MSci in Chemistry with Industrial Experience. She spent her year in industry working on drug development at GlaxoSmithKline. Her Master's year project was spent researching the carbohydrate-carbohydrate interactions of the tetrasaccharide, 'Lewis X'. Emily subsequently moved to the University of Oxford to study for a DPhil in Organic Chemistry, developing new methodology for the synthesis of tricyclic fused ring systems.





## **Jonathan Bailey**

**Assistant**

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**Tel** +44 (0)20 7632 7200

### **Education**

MSci, (First Class) University of Bristol, Chemistry, 2011  
PhD, University of Bristol, Chemistry, "Borylphosphines", 2015

### **Membership of Professional Bodies**

Student Member of the Chartered Institute of Patent Attorneys  
Associate Member of the Royal Society of Chemistry

### **Professional Experience**

Jonathan graduated from the University of Bristol in 2011 with a first class MSci degree in Chemistry. His third year was spent at the Technical University of Munich in Germany. His final year Masters project focused on the dehydrogenation of amine-boranes for polymer applications.

Jonathan subsequently stayed at Bristol for a PhD in the field of inorganic chemistry, developing novel boron-containing phosphines for applications in homogeneous catalysis.

He also has experience working in a solar cell development laboratory at the LMU in Munich and in two pharmaceutical companies in the Czech Republic and Germany.

Jonathan joined Dehns in 2015.

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# Our offices

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## **Oxford Office**

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F. +44 (0)20 7353 8895  
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## **Brighton Office**

Aspect House  
84-87 Queens Road  
Brighton BN1 3XE  
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## **Munich Office**

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