

# Alexander Papiez

Research Chemist

## Contact

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## Key Skills

- 7 Years laboratory experience
- Tutoring experience
- Competent user of  $\text{\LaTeX}$  typesetting software
- Knowledge of the Python programming language
- Experienced user of Microsoft Office packages
- Ability to maintain confidentiality
- Excellent spelling and grammar
- Ability to work to a deadline/under pressure

Full U.K. Driving  
licence

References available  
on request

## Personal Statement

I began studying for my PhD in the physical chemistry of polymers in the summer of 2013. My post-graduate research experience has allowed me to grow as an independent researcher while co-operating closely with others to achieve research objectives.

During my academic career, I have been required to present my research both internally (for examination and peer review) and externally (at conferences and to my industrial sponsor); I have become highly adept at presenting complex information in a clear and concise fashion in a manner appropriate for the audience at the time.

## Education

- |                   |   |                        |
|-------------------|---|------------------------|
| 09/2013-Present   | <b>PhD in Physical Polymer Chemistry</b>  | Northumbria University |
|                   | <i>Supervisors:</i> Dr. Justin Perry and Dr. Leslie Dix   |                        |
|                   | <i>Funded by:</i> AkzoNobel   |                        |
|                   | <i>Thesis title:</i> Investigating the Rate of Release of Ions Across Polymer Phases  |                        |
|                   | <i>Summary:</i> In order to develop competitive products in a sustainable manner, antifouling paint manufacturers must consider the kinetics of biocide release. By studying the diffusion rate of biocides in relation to material properties, insights useful for the rational design of antifouling technologies may be found. |                        |
|                   | <i>Publications:</i> <b>Papiez</b> , A.P. Perry, J.J.B. Ferguson, J. Wright, A.C. <i>Diffusion of Biocides in Polymeric Matrices: A Tool for Rational Coating Design</i> , Poster presented at the International Congress on Marine Corrosion and Fouling, Toulon France, 2016;   |                        |
|                   | <b>Papiez</b> , A.P. Perry, J.J.B. Downs, R.A. <i>Design and Implementation of a 3D Printed Microwave Flow Cell</i> , Poster presented at the R.S.C. Organic division meeting, Bradford, U.K. 2015  |                        |
| <hr/>             |   |                        |
| 09/2009 - 06/2013 | <b>MChem Applied Chemistry</b>  | Northumbria University |
|                   | <i>Classification:</i> 1st with honours   |                        |
|                   | <i>Awards:</i> Best Post-graduate final-year project, 2013  |                        |
|                   | <i>4th Year</i> Synthesis and Characterization of Amino Functionalized  |                        |
|                   | <i>Project:</i> Methacrylate Polymers   |                        |

## Employment

- |                   |  |                                     |
|-------------------|--|-------------------------------------|
| 10/2013 - 04/2014 | <b>Data-Entry/Q.A. Assistant</b>   | Tata Global Beverages, Eaglescliffe |
|                   | <i>Selecting samples from production lines, preparing tissue samples, conducting various quality tests, recording data in Microsoft Excel.</i>                 |                                     |
| 12/2012 - 10/2013 | <b>Production operative / Packer</b>   | Quorn Foods, Stokesley              |
|                   | <i>Working as part of a team on the Production Line. Duties include packing, palletising, 'spotting', cleaning, some work in 'high-care' production areas.</i> |                                     |
| 11/2012 - 12/2012 | <b>Temporary Administrative Assistant</b>  | Univar Europe, Middlesbrough        |
|                   | <i>General administrative/clerical duties including typing, filing,</i>  |                                     |

*scanning/photocopying/faxing, emailing, answering the telephone, data-entry (Microsoft Office, Excel, Outlook, Word). The company were in the process of migrating to new office management software and I was involved in the scanning, uploading and data-entry of mass documents into SAP.*

1996-2004 **Personal Assistant to my ex-husband** Freelance IT consultancy  
*Typing, filing, answering the telephone, making travel arrangements, preparing invoices etc.*

07/1980 - 04/1991 **Departmental Assistant** Teesside University; Computer Centre  
*Provision of clerical and secretarial support to senior staff, production/typing of minutes and correspondence (from dictation or audio), technical documents, PhD theses etc. Conference organisation, reception duties including setting-up student and staff accounts on the computer systems. Ordering stationery, recording holidays and sickness, organising travel and accommodation for Centre staff.*

11/1978 - 07-1980 **Shorthand/Typist** Teesside University; Central Administration  
*As a member of the Typing Pool, providing a typing service to Administrative and other university staff. This job also involved being seconded to academic departments to provide secretarial support.*

08/1978 - 11/1978 **Shorthand/Typist/Clerk** Cleveland Probation Service; Headquarters  
*Providing secretarial support to the Administrative Officer.*

## Voluntary Work

2004 **Shop Assistant** Help the Aged, Stokesley

01/1985 - 07/1986 **Sub-Warden** Teesside University (Polytechnic); Middleton-St-George Halls of Residence  
*This residential post involved assisting students with any problems regarding their accommodation, arranging for repairs and maintenance with the senior warden, inspecting rooms and booking in/out students at the start and end of term, carrying out fire-drills.*