

## Dr Deborah Longbottom

Teaching Fellow and Graduate Studies Co-ordinator  
Department of Chemistry, University of Cambridge

**College Affiliation:** Homerton College

**Research Interest Group:** Synthetic

**For more information, please visit:** [www.ch.cam.ac.uk/person/dal28](http://www.ch.cam.ac.uk/person/dal28)



### About Me

I am a Teaching Fellow in the Department of Chemistry, most recently having taken on responsibility for direction of graduate training. I was previously a Senior Research Associate in the group of Professor Steven V. Ley, which followed post-doctoral studies at The Scripps Research Institute, San Diego, California and experience in the pharmaceutical industry. I lecture undergraduate courses in the Department to first and final year students ('Reactions and Mechanisms in Organic Chemistry' and 'Medicinal Chemistry' respectively), am involved in several outreach projects and am gradually building up graduate level training, including academic and industrial lectures and workshops, symposia, industrial forums, placement opportunities and careers sessions with Departmental alumni.

### My Research Interests

My research interests encompass both natural product synthesis and method development and most recently, a fruitful research collaboration with the O'Reilly group at Warwick University has led to interesting investigations on the synthesis and utility of amino-acid functionalised polymers formed by RAFT polymerisation. Further explorations in this area are ongoing.

### Mentoring Support I Can Provide

I can provide mentoring support in a range of areas and am happy to be approached in this capacity whatever the support required:

- Topics included in my research interests
- Research-related issues: project management/time management
- Other work-related issues: people management/conflict resolution
- Interactions with undergraduate and graduate students or post-doctoral workers
- Career development and progression: values, aspirations, training, routes to academic career goals
- Work-life balance (including 'women in science and related issues')
- Widening your support network
- Provide motivation, confidence and inspiration

### Mentoring Availability and Contact

Please email me directly at: [dal28@cam.ac.uk](mailto:dal28@cam.ac.uk)