

Curriculum Vitae of C. Remzi Becer

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Higher education

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| PhD , Chemistry
Eindhoven University of Technology
Thesis title: Controlling Polymer Architectures: High-throughput experimentation, tailor-made macromolecules and glycopolymers via click reactions | 2005-2009 |
| Post Graduate Certificate in Academic and Professional Practice
University of Warwick | 2012-2013 |
| MSc , Polymer Science and Technology
Istanbul Technical University
Thesis title: Synthesis of alkylated linear amine ligands for ATRP of Styrene and MMA | 2003-2005 |
| BSc , Chemistry
Istanbul Technical University
Thesis title: Conductive polymer blends based on PEDOT | 1997-2003 |

Current appointments

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| Senior Lecturer in Materials Science
Queen Mary, University of London
London, UK | 2013-.... |
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Previous appointments

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| Honorary Fellow
University of Warwick
Coventry, UK | 2013-2016 |
| Science City Senior Research Fellow
University of Warwick
Coventry, UK | 2010-2013 |
| Marie Curie IntraEuropean Research Fellow
University of Warwick
Coventry, United Kingdom | 2009-2011 |
| Visiting scientist
Friedrich-Schiller University of Jena
Jena, Germany | 2009-2012 |
| Project leader in high-throughput experimentation cluster
Dutch Polymer Institute
Eindhoven, The Netherlands | 2009-2012 |
| Post-doctoral researcher
Friedrich-Schiller University of Jena
Jena, Germany | 2009-2009 |

Graduate student 2005-2009
Eindhoven University of Technology
Eindhoven, The Netherlands

Fellowships and Awards

Promotion to Science City Senior Research Fellow 2011
Science City Research Fellowship 2010
Marie Curie Research Fellowship 2008

Professional Memberships

Royal Society of Chemistry Chartered Chemist (CChem) 2012-....
Royal Society of Chemistry (MRSC) 2009-....
American Chemical Society (ACS) 2008-....
Polymer Division (ACS-Poly) 2008-....
Polymeric Materials: Science and Engineering Division (ACS-PMSE) 2012-....

Journal board memberships

Associate Editor of Frontiers in Biomaterials journal 2013-....
Advisory board member of RSC journal-Polymer Chemistry 2012-....
Editorial advisory board member of Open Access Journal-Click Chemistry 2012-2013

Referee for funding agencies

-EPSRC -BBSRC
-British Council -Agence Nationale Recherche (France)
-Fonds Wetenschappelijk Onderzoek (FWO, Belgium) -Prion Institute (Canada)
-International Foundation (Sweden) -POLONEZ NCN (Poland)

Referee for international journals

-Chemical Reviews -Journal of American Chemical Society
-Biomacromolecules -Macromolecules
-ACS MacroLetters -ACS Combinatorial Science
-Chemical Science -Chemical Communications
-Journal of Materials Chemistry -Polymer Chemistry
-Macromolecular Rapid Communications -Macromolecular Chemistry and Physics
-Macromolecular Bioscience -European Polymer Journal
-European Journal of Lipid Science -Australian Journal of Chemistry
-Angewandte Chemie International Edition -Beilstein Journal of Organic Chemistry
-Polymer -Polymer International
-Nature Chemistry -Nature Communications

External examiner roles

-PhD viva performed for Sofie Wallyn at Ghent University, Belgium on 14th of Dec 2015.
-PhD viva performed for Antonios Kapetanakis at Dublin City University on 18th of September 2015.
-PhD viva for Dr. Cynthia Bosquillon at University of Nottingham on 19th of November 2014.
-PhD thesis evaluation for Dr. Yong Chen at University of New South West on 13 of November 2014.

Administrative roles

2013-2016 @ QMUL

Member of the Research Committee of the school
Research Lead of the Functional Nanomaterials Division
Director of the Polymer Science and Nanotechnology masters programme
Member of the Materials Research Institute implementation group
Co-organizer of the seminar series for Materials Research Institute
Director for funding in Institute of Bioengineering
Member of the Student Experience committee

2011-2013 @ Warwick

Member of the Postgraduate Committee in the Department of Chemistry
Member of the Health and Safety Committee of the Department of Chemistry
Co-founder and director of the Polymer Chemistry taught masters programme
Secretary of the exam board of the Polymer Chemistry taught MSc

Teaching and UG/PG supervision

- **PGCAP** has been successfully completed at University of Warwick in 2013.
- >150h of small group teaching experience, >105h of medium group teaching experience, >16h of large group teaching experience. 12 MSc projects and 9 BEng projects have been supervised. Currently, acting as a primary supervisor of 7 PhD students and co-supervisor of 7 PhD students.
- **Module evaluation reports:** Averages calculated based on the evaluation of Dr. Remzi Becer only and showed an increasing trend in scores. MAT 100 (**3.94/5.00**), MTRM797 (**4.28/5.00**), MAT5002 (**4.49/5.00**)

2015-2016 @ QMUL

MAT4001	-Molecules to Materials	(15h of lectures, 20 Year 1 students)
MAT5002	-Chemistry of Materials	(15h of lectures, 50 Year 2 students)
MAT206	-Materials Science 2: Processing and Appl	(9h of lectures, 50 Year 2 students)
MAT7797	-Advanced Polymer Synthesis	(12h of lectures, 25 Year 4 students)
MAT4444	-Weekly personal tutor meetings	(8 Year 1 and 5 Year 2 students)
MAT500	-Final year undergraduate research project	(4 Year 3 projects are in progress)

2 PhD students have been started.

2014-2015 @ QMUL

DEN4001	-Engineering Materials in Design	(8h of lectures, ~230 Year 1 students)
MAT5002	-Chemistry of Materials	(15h of lectures, ~40 Year 2 students)
MAT206	-Materials Science 2: Processing and Appl	(9h of lectures, ~55 Year 2 students)
MAT7797	-Advanced Polymer Synthesis	(12h of lectures, ~25 Year 4 students)
MAT4444	-Weekly personal tutor meetings	(8 Year 1 and 5 Year 2 students)
MAT500	-Final year undergraduate research project	(5 Year 3 projects have been completed)
MTRM799	-Polymer Research Project	(2 MSc projects have been completed)

7 PhD students have been started.

2013-2014 @ QMUL

DEN4001	-Engineering Materials in Design	(8h of lectures, ~170 Year 1 students)
MAT100	-Materials Science 1: Properties of Matter	(6h of lectures, ~55 Year 1 students)
MAT5002	-Chemistry of Materials	(15h of lectures, ~55 Year 2 students)
MAT206	-Materials Science 2: Processing and Appl	(9h of lectures, ~55 Year 2 students)
MAT7797	-Advanced Polymer Synthesis	(12h of lectures, ~15 Year 4 students)
MAT4444	-Weekly personal tutor meetings	(5 Year 1 students)
MAT500	-Final year undergraduate research project	(4 Year 3 projects have been completed)
MTRM799	-Polymer Research Project	(2 MSc projects have been completed)

3 PhD students have been started.

2012-2013 @ Warwick

CH967	-Fundamentals of Polymerization	(3h of lectures and 6h of lab workshop)
CH968	-Molecular Characterization of Polymers	(Module leader, 3 hours of lectures)
CH969	-Physical Properties of Polymers	(6 hours of lab workshop 6h)
CH970	-Polymers in the Real World	(Invited lecture series)
CH913	-Real World Analysis	(Module leader, 80h of lectures)
CH242	-Polymer Chemistry	(8h of tutorials, 8 Year 2 students)
CH160	-Inorganic Chemistry	(6h of tutorials, 6 Year 1 students)
CH3E3	-Frontiers in Chemistry	(3h of workshop, ~60 Year 3 students)

1 PhD student has been started.

2011-2012 @ Warwick

CH160	-Inorganic Chemistry	(6h of tutorials, 6 Year 1 students)
CH242	-Polymer Chemistry	(8h of tutorials, 8 Year 2 students)
CH3E3	-Frontiers in Chemistry	(2h of workshop, ~55 Year 3 students)

1 PhD student has been started.

2010-2011 @ FSU, Germany

Macromolecular Chemistry	(15h of lectures, ~60 Year 3 students)
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Funding and research projects

- >£1.9M funding secured since 2009.

2015-2016 @ QMUL

Infineum International Limited

Development of oil additives

PhD studentship

EPSRC First Grant

Sequence controlled glycopolymers for selective lectin targeting

PDRA for 12 months

China Scholarship Scheme QMUL

Designed glycopolymers for specific lectin binding

PhD studentship

2014-2015 @ QMUL

Infineum International Limited

Development of oil additives

Funding for 2 MSc projects

Infineum International Limited

Development of oil additives

PhD studentship

European Union Horizon2020 Initial Training Network

Precision polymer synthesis- www.eurosequences.com

2 PhD studentships

China Scholarship Scheme QMUL

Advanced polymeric materials for tendon repair

PhD studentship- Joint project with Dr. Hazel Screen from SEMS, QMUL.

2013-2014 @ QMUL

Materials Research Institute

Sentinel: A giant macromolecule to sense specific lectins to deliver drugs

PhD studentship- Joint project with Prof. Marina Resmini from SBCS, QMUL.

European Science Foundation

Towards organization of the Precision Polymer Materials workshop

Queen Mary, University of London

Start up package for the Becer Group

2012-2013 @ Warwick

Turkish Ministry of Economy and Turkish Land Forces

Development of new polymer synthesis techniques for smart materials

PhD studentship

British Council: UK-Turkey Knowledge Partnership Project

Designer polymers for selective targeting and enhanced intracellular delivery of biologics, in collaboration with Volga Bulmus (Izmir), Bilim Pharmaceuticals (Turkey), PolyTherics (London).

2011-2012 @ Warwick

Innospec Limited together with Warwick Collaborative PG Scholarship Scheme (£65k as PI)

Functional polymers as oil additives

PhD studentship

2010-2011 @ Warwick

Science City Independent Research Fellowship

Stimuli-responsive polymer coated magnetic nanoparticles

2009-2010 @ Warwick

European Union Framework 7 Marie Curie Research Fellowship

Polymer-protein conjugates

Invited Lectures, co-organized conferences and international recognition

- Co-organized 2 conferences. Warwick Polymer Conference (550 participants), European Science Foundation Precision Polymer Materials Workshop (90 participants).
- I have delivered >25 invited lectures, >100 oral presentations, >30 poster presentations.
- I have organized the 2nd London Polymer Group meeting (120 participants) on 13th of April 2016.

Invited lecture, APME in Ghent, BE (May 4, 2017)

Invited lecture, National Polymer Conference in Turkey, Ankara, TR (September 4, 2016)

Invited lecture, 252nd ACS Meeting in Philadelphia, US (August 21, 2016)

Invited lecture, Nanomedicine Conference, Mauritius (August 1, 2016)

Co-organizer/Invited lecture, IUPAC Macro 2016, Istanbul, TR (July 17, 2016)

Invited lecture, Warwick Polymer Conference 2016, Coventry, UK (July 11, 2016)

Plenary lecture, 2nd Int Conf on Science and Eng of Polym Mat (SEPM), Tunisia (March 24, 2016)

Invited lecture, 250th ACS Meeting in Boston, Massachusetts, US (Aug 16, 2015)

Invited lecture, Chemistry department, University of Dusseldorf, Germany (June 11, 2015)

Invited lecture, Precision Polymer Materials Symposium, Lacanau, France (May 26, 2015)

Keynote lecture, London Polymer Group, UCL, London, UK (Mar 24, 2015)

Invited lecture, 248th ACS Meeting in San Francisco, California, US (Aug 9, 2014)

Invited lecture, 5th International Nanomedicine Conference, Sydney, AU (Jun 30, 2014)

Invited lecture, 3rd International Symp on Controlled Polymerization, Antalya, TR (May 1, 2014)

Invited lecture, University College London, Department of Chemistry (Nov 27, 2013)

Co-organizer of European Science Foundation, Precision Polymer Materials Workshop for 90 academics/students in Ghent, Belgium (August 25-27, 2013)

Co-organizer of Warwick Polymer Conference 2012 for 550 participants (July 9, 2012)

Invited lecture, CAMD, University of New South Wales, Sydney, AU (Feb 17, 2012)

Keynote lecture, 33rd Australasian Polymer Symposium, Tasmania, AU (Feb 13, 2012)

Invited lecture, CSIRO, Melbourne, AU (Feb 10, 2012)

Invited lecture, Precision Polymer Materials Symposium, ESF, Strasbourg, FR (Dec 12, 2011)

Oral presentations, 242nd ACS Meeting in Denver, Colorado, US (Aug 28, 2011)

Invited lecture, Tongji University, Shanghai, CN (Jul 28, 2011)

Invited lecture, Soochow University, Suzhou, CN (Jul 27, 2011)

Invited lecture, Unilever, Shanghai, CN (Jul 26, 2011)

Invited lecture, Fudan University, Shanghai, CN (Jul 25, 2011)

Poster presentation, High Polymer Research Group, Pott Shrigley, UK (Apr 18, 2011)

Oral presentations, 241st ACS Meeting in Anaheim, California, US (Mar 28, 2011)

Invited lecture, University of Bordeaux, Bordeaux, FR (Nov 29, 2010)

Oral presentation, Hellenic Polymer Conference, Crete, GR (Oct 25, 2010)

Invited presentations, 240th ACS Meeting in Boston, Massachusetts, US (Aug 23, 2010)

Invited presentations, IUPAC World Polymer Conference, Glasgow, UK (Jul 12, 2010)

Invited presentation, Bogazici University, Istanbul, TR (Dec 22, 2009)

Invited presentations, Kyoto University, Kyoto, JP (Nov 12, 2008)