

Five Colleges Affiliate
Amherst College Visiting Scientist

Contact Information:

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EDUCATION

Ph.D, Organic Chemistry – February 2007

University of Massachusetts, Amherst, Massachusetts USA

Advisor: Paul M. Lahti

Thesis: Synthesis of Phenols with Potential Biological Activities & Crystallography and Magnetism of Nitroxides

M.S., Chemistry – February 2005

University of Massachusetts, Amherst, Massachusetts USA

Advisor: Paul M. Lahti

B.S., Chemistry – May 2001

Boğaziçi University, İstanbul, Turkey

Finneytown High School Cincinnati, Ohio USA 1996-1997 (AFS exchange student)

İzmir Türk Koleji, İzmir Turkey 1992-1996

Österreichisches St. Georgs-Kolleg İstanbul, Turkey 1989-1992

Beylerbeyi İlkokulu 1984 – 1989

EDUCATIONAL PROJECT DEVELOPMENT

Founder and Director, Ege'de Atölye (An educational initiative for the Aegean region of Turkey) 2009 - present

- Developed the original idea and did a preliminary feasibility study for an interdisciplinary program on the topic of olives.
- Interviewed professors, educational leaders and administrators from 18 universities and colleges in New England, Europe and Turkey to discuss ideas about liberal arts education and other approaches to education.
- Visited foundations and organizations including American Research Institute for Turkey, Turkish National Commission for UNESCO and private foundations.
- Organized the first academic meeting for two days at Robert College, Istanbul in 2010.
- Organized and carried out site visits with the board members to relevant schools, museums, archeological sites on the Aegean coast in 2010.
- Wrote a prospectus with feedback from a committee of interested scholars from University of Massachusetts, Amherst College, Keene State College, Robert College and FC College. Some of these scholars are now members of the advisory board for Ege'de Atölye.
- Worked with the board and academic committee to organize a unique curriculum and a two week workshop in summer 2011 focused on the olive, its derivatives and their impact on the region
- Supervised the production and maintenance of publicity materials, including brochure, posters and website, application and admissions process.
- Submitted EU Youth Program, and Izmir Development Agency grant in national and international partners.
- International program **"Zeytin 2011"** took place in Foça Turkey welcoming keynote speakers, faculty members, and 20 participants.
- Invited to the **Leuven Conference**, Brussels for the 5th European Conference on Validation and Evidencing Informal and Nonformal Learning as an invited guest.
- Organizing **Foça'da Zeytin 2012**, for keynote speakers, faculty members and recruiting students.

Publicity of Ege'de Atölye

Live studio interview about Zeytin program on IMC-TV with Osman Erkut. Biraz da Ekonomi (August 5, 2011)

News article published in Zeytinacı magazine (August 4th, 2011)

News article published in Zeytinacı magazine (June 18, 2011)

Studio interview on Açık Radio about Ege'de Atölye Zeytin- **Social Entrepreneurship** for Social Change (May 11, 2011)

Interview for Bloomberg Businessweek magazine as an upcoming social entrepreneur. (October 2010)

Invited speaker at Bilgi University Panel on **Social Entrepreneurship** (March 17, 2011)

RESEARCH**2009 - present Five College Affiliate and Visiting Researcher at Isik University, Istanbul Turkey**

Research and program development for liberal and nonformal education initiative related to liberal arts education.

2008 - 2009, Visiting Assistant Professor, Amherst College, Amherst, Massachusetts USA

Synthesis and characterization of self-assembling macromolecules for the formation of carbon nanotubes with controlled length with Prof. David Hansen. Microwave synthesis, NMR.

2007-2008 Visiting Scholar, University of Massachusetts, Amherst, Massachusetts USA

Feedback Regulated Drug Release. Synthesis and testing of hydrogels with Prof.

Thayumanavan at the University of Massachusetts, Amherst, Chemistry Department. UV spectroscopy.

2001-2007 Research Assistant, University of Massachusetts, Amherst, Massachusetts USA

Synthesis and characterization of 2,6-tert-butylphenols and related persistent phenoxyl radicals with potential biological activities. Assays on antioxidant activities on-site. For anticancer activity assays, initial on-site testing was carried out and expanded by NIH assays. Synthesis and characterization of tert-butyl nitroxides and methoxyphenylnitroxides to study their molecular magnetism using SQUID magnetometer, ESR and crystallography.

TEACHING**Part time Instructor 2009 - 2011, Bogazici University, Istanbul Turkey****Visiting Assistant Professor, 2008 - 2009, Amherst College, Amherst, Massachusetts USA****Lab Instructor, 2007 - 2008, Amherst College, Massachusetts USA****Teaching Assistant, 2001-2003 University of Massachusetts, Amherst, Massachusetts USA**

Taught General Chemistry Labs, Honors General Chemistry Lab, Teaching Assistant for the Graduate Core Course

PUBLICATIONS & PRESENTATIONS IN EDUCATION

1. Adapting the Liberal Arts Model Across Cultures, **Amherst College**, Amherst MA, January 30, 2012
2. Olio Unpacked: The Chemistry of Olives, **Amherst College**, Amherst MA, January 30, 2012
3. Bringing the Liberal Arts to Different Cultures: The Zeytin Project in Turkey. An international, interdisciplinary summer exchange initiative for students and faculty. Sigma Xi Lunch Series, **Smith College**, Northampton MA, January 31, 2012.
4. Reorienting Liberal Arts: The Olive Experiment, **University of Massachusetts**, Amherst MA 01002, January 31, 2012
5. Patricia B. O'Hara, Zeynep Delen, Christian Wernz, Richard Blatchly, Meltem Türköz, "Re-Orienting the Liberal Arts: The Olive Experiment, **4th Annual Conference on Higher Education Pedagogy, Virginia Tech**. February 8-10, 2012
6. Delen, Zeynep; Eriş, Ertuğrul. Yükseköğretimde Eğitim Odaklı Alternatif Yaklaşım, **The International Higher Education Congress: New Trends and Issues**, İstanbul Turkey, May 27-29, 2011 (2011)

PUBLICATIONS & PRESENTATIONS IN CHEMISTRY

7. Murata, Hidenori; Yuji Miyazaki; Armando Paduan-Filho; Valdir Bindilatti; Nei Fernandes Oliveira Jr.; Delen, Zeynep; Lahti, Paul M. 2-(4,5,6,7-Tetrafluorobenzimidazol-2-yl)-4,4,5,5-tetramethyl-4,5-dihydro-1H-imidazole-3-oxide-1-oxyl, A Hydrogen-Bonded Organic Quasi-1D Ferromagnet. **Journal of American Chemical Society**, 130, 186-194 (2008).
8. Delen, Zeynep; Lahti, Paul M. Crystallography and Magnetism of Two 1-(4-Nitroxylphenyl)pyrroles. **Journal of Organic Chemistry**, 71, 25, 9341-9347 (2007).
9. Delen, Zeynep; Lahti, Paul M. Crystallography and Magnetism of 1-(4-[N-tert-butylaminoxyl]-2,3,5,6-tetrafluorophenyl)-pyrrole. **Polyhedron**, 26, 2031-2036 (2007).
10. Murata, Hidenori; Delen, Zeynep; Lahti, Paul M. Strong Ferromagnetic Exchange in 2-(4,5,6,7-Tetrafluorobenzimidazol-2-yl)-4,4,5,5-tetramethyl-4,5-dihydro-1H-imidazole-3-oxide-1-oxyl. **Chemistry of Materials**, 18(11), 2625-2652 (2006).
11. Delen, Zeynep; Lahti, Paul M. Synthesis of Phenols with Potential Biological Activity. Abstracts, 33rd **Northeast Regional Meeting of the American Chemical Society**, Fairfield, CT, United States, July 14-17 (2005)
12. Delen, Zeynep; Xie, Chunping; Hill, Pamela J.; Choi, Jong; Lahti, Paul M. Hindered Hydrogen Bonding in 2,6-Di-tert-butylphenols with Para Aza-Heterocyclic Rings. **Crystal Growth & Design** (2005), 5(5), 1867-1873.
13. Delen, Zeynep; Lahti, Paul M. Synthesis of phenols with potential biological activity. Abstracts of Papers, 228th **American Chemical Society National Meeting**, Philadelphia, PA, United States, August 22-26, 2004 (2004)

OTHER PUBLICATIONS

Handbook for Families Hosting Turkish Participants AFS Hosting Orientation Workgroup (HOW), 2009 – 2010
 This publication aims to increase the level of intercultural understanding between Turkish students and U.S. host families supported by **US Dept. of State Bureau of Educational and Cultural Affairs**.

30-Second Philosophies, Editor: Barry Loewer, Metro Books, New York, 2009 English to Turkish published by Caretta Reklam.

TED talk: "Liz Coleman's call to reinvent liberal arts education" by Liz Coleman President of Bennington College

TED talk: "Sir Ken Robinson: Bring on the learning revolution!" by Sir Ken Robinson Author and Educator.

published on www.ted.com

OTHER UNDERTAKINGS

Lecturer Social Entrepreneurship Educator's Education Workshop

Kadir Has University and British Council, June 13-14, 2011

Hosting Volunteer for Neighbors in Dialogue, 2007, Istanbul Turkey

A residency program and an exhibition realized by the participation of 10 artists from 9 different countries in the South Caucasus and Middle East as an extension of the book Neighbours in Dialogue.

Content Manager, 2001 Akampus, Istanbul Turkey

Contacted universities and posted their internal part-time jobs on www.akampus.com, an online environment for educational and social needs of university students in Turkey.

AFS Student in Cincinnati Ohio, 1996-1997

American Field Service is a high school exchange program to promote cultural exchange across the globe.

Community Service, 1996-1997 through Finneytown High School Community Service Program, Cincinnati, Ohio

LANGUAGES

English, German, Turkish

AFFILIATIONS

Sigma Xi, Scientific Research Society (2007- present)

Member of Preparing Future Faculty (PFF) and Mentoring program at UMASS Amherst (2001-2007)

American Chemical Society (2001-present)

American Field Service (AFS) Exchange Student (1996-1997) and active volunteer

İstanbul Sailing Club - Sailor since 1992, currently mainsail trimmer on Team Fairwind (Beneteau First 456.)

Boğaziçi Ski Team Former Racer and Team Captain (1997- 2001)