

## **Marc Andrew Hillmyer**

*McKnight Presidential Endowed Chair, University of Minnesota*

Department of Chemistry, 207 Pleasant St. SE, University of Minnesota, Minneapolis, MN 55455-0431  
612.625.7834 • [hillmyer@umn.edu](mailto:hillmyer@umn.edu) • <http://hillmyer.chem.umn.edu>

### **EDUCATION**

Ph.D. Chemistry, California Institute of Technology 1994  
B.S. Chemistry, University of Florida 1989

### **APPOINTMENTS**

Department of Chemistry – University of Minnesota

McKnight Presidential Endowed Chair 2015–present  
Distinguished University Teaching Professor 2014–present  
Distinguished McKnight University Professor 2010–present  
Elmore H. Northey Professor / Professor 2007–2009 / 2009–2010  
Associate Professor / Elmore H. Northey Associate Professor 2002–2004 / 2004–2007  
Assistant Professor / McKnight Land-Grant Assistant Professor 1997–2000 / 2000–2002

College of Science and Engineering – University of Minnesota

Director, Center for Sustainable Polymers 2009–present

Department of Chemical Engineering and Materials Science – University of Minnesota

Graduate Faculty Member 1999–present  
Postdoctoral Research Associate 1994–1997

### **HONORS**

Mark Senior Scholar Award ACS Division of Polymer Chemistry 2022  
Distinguished Service Award ACS Division of Polymer Chemistry 2020  
DSM Bright Science Award in Materials Sciences 2020  
Fellow of the American Chemical Society (ACS) 2019  
Entrepreneurial Researcher Award (UMN) 2017  
NSF Division of Materials Research, Special Creativity Extension 2014–2016  
Postbaccalaureate, Graduate, and Professional Education Award (UMN) 2014  
PTN Medema Award 2013  
LE STUDIUM research fellow, Université d'Orléans/CNRS 2012–2013  
Fellow of the ACS Division of Polymer Chemistry 2012  
Carl S. Marvel Creative Polymer Chemistry Award 2011  
Institute on the Environment (IonE) Fellow (UMN) 2010  
George W. Taylor/IT Alumni Society Award for Distinguished Teaching (UMN) 2010  
Fellow of the American Association for the Advancement of Science 2009  
Visiting Professor, Université d'Orléans, France 2008  
Arthur K. Doolittle Award (jointly awarded, PMSE division of the ACS) 2007  
George Taylor Distinguished Research Award (UMN) 2007  
Leverhulme Visiting Professor, University of Cambridge 2005–2006  
Best Chemistry Instructor Award (UMN) 2005  
George Taylor Career Development Award (UMN) 2002  
National Science Foundation CAREER Award 2001–2005  
Packard Fellowship for Science and Engineering 2000–2005  
Schlumberger Limited Foundation Award 2000, 2001  
Camille Dreyfus Teacher-Scholar Award 2000–2005  
DuPont Young Professor Grant 1999–2001  
Research Corporation Research Innovation Award 1998–2001  
3M Company Non-tenured Faculty Award 1998–2002  
IBM Graduate Research Fellowship 1992  
American Institute of Chemists Student Award 1989  
President's Recognition Award (UF); College Scholar Award (UF); Summerville Fellowship in Chemistry (UF) 1989

## PROFESSIONAL SERVICE

ACS Award in Applied Polymer Science canvassing committee	2020
Chair of the Division of Polymer Chemistry (POLY) Workshop Committee	2020-present
ACS Applied Polymer Materials Editorial Advisory Board	2020-2021
Chair of the ACS Publications Ethics Committee	2019-present
Editor-in-Chief for the ACS journal <i>Macromolecules</i>	2018-present
Leader of the Division of Polymer Chemistry Webinar Initiative	2017, 2018
Co-organizer of "Porous Polymers 2016" an ACS symposium	2016
Past Chair, Chair, Chair Elect, Vice Chair – ACS Division of Polymer Chemistry	2018, 2017, 2016, 2015
Co-organizer for "Sustainable Polymers" an ACS workshop	2023, 2016, 2013
Chair, Vice Chair – Polymers Gordon Conference	2015, 2013
Scientific Committee for a symposium at the E-MRS 2015 Spring Meeting	2015
Co-organizer of "Sustainable Resources and Renewable Resources" at 14 <sup>th</sup> Pacific Polymer Conf.	2015
Co-organizer of "Porous Polymers 2014" an ACS symposium	2014
Co-organizer of "Sustainable Polymers, Processes and Product Applications" an ACS symposium	2014
ACS Division of Polymer Chemistry Awards Committee co-chair	2011–2014
Presidential Green Chemistry Award Challenge selection panel	2012
International Advisory Committee MACRO 2012 - IUPAC World Polymer Congress	2012
Co-organizer of "Next-Generation Renewable Polymers" an ACS symposium	2012
Steering Committee - Minnesota Green Chemistry Forum	2010–2012
Scientific Committee for 19th Annual BioEnvironmental Polymer Society Meeting	2011
Participant in Chemical Sciences and Society Symposia (CS3) meeting on "Sustainable Materials"	2010
Co-organizer of "Functional Block Copolymer Assemblies" a PacifiChem symposium	2010
Co-organizer of "Porous Polymers" an ACS symposium	2009
Associate Editor for the ACS journal <i>Macromolecules</i>	2008–2017
Co-editor for "Biorenewable Polymers" special issue of <i>Polymer Reviews</i>	2007
Co-organizer of "Polymers from Renewable Resources" an ACS Symposium	2007
Editorial Advisory Board <i>Macromolecular Chemistry and Physics</i>	2007–2010
Co-organizer of "Multicompartment Micelles" an ACS Symposium	2006
International Advisory Committee for the RSC conference <i>Materials Chemistry 8</i>	2006–2007
Editorial Advisory Board for <i>Polymer</i>	2005–2009
Los Alamos National Lab Center for Integrated Nanotechnologies proposal review panel	2005–2007
Editorial Advisory Board <i>Polymer Reviews</i>	2005–2010
Editorial Advisory Board for the ACS journal <i>Macromolecules</i>	2004–2006
Co-organizer of "Polymer Chemistry for Physicists" short course, APS Meeting	2003
Co-editor for "Materials for the 21st Century Special Issue" for <i>J. Phys. Org. Chem.</i>	2000
Co-organizer "Macromolecular Synthesis by Selective Chemical Modification" an ACS Symposium	2000
ACS Division of Polymer Chemistry co-rep. to the ACS Macromolecular Secretariat	1998–2007

## SELECTED INVITED LECTURES

Plenary lecture – Applied Polymer Technology Extension Consortium 2022 – Baton Rouge, LA	November 2022
Plenary lecture – Bordeaux Polymer Conference – Bordeaux, France	June 2022
Plenary lecture – IUPAC-MACRO2020+ – Jeju Island, Korea (virtual)	May 2021
Plenary lecture – Future of Polymer Chemistry – Daejeon, Korea	May 2019
Massachusetts Inst. of Tech. Dept. of Chemistry Merck Lectureship – Cambridge, Massachusetts	May 2019
Plenary lecture – 6th International Frontiers in Polymer Science Symposium – Budapest, Hungary	May 2019
College of Engineering Lecture Series – University of Georgia – Athens, Georgia	February 2019
Covestro Lecture – University of Southern Mississippi, School of Polymers – Hattiesburg, MS	February 2019
Kritzler Lecture – Ohio Northern University – Ada, Ohio	February 2019
Xingda Lecture – Peking University College of Chemistry and Molecular Eng. – Peking, China	December 2018
Distinguished Lecturer – University of Massachusetts, Polymer Sci. and Eng. – Amherst, Mass	October 2018
Plenary Lecture - 10th ECNP Int. Conf. on Nanost. Polym. & Nanocomp. – San Sebastian, Spain	October 2018
Inaugural Distinguished Lecturer - University of Waterloo, Inst. Polymer Research – Waterloo, Canada	May 2018
Aldrich Lecture - UC Berkeley, Department of Chemistry – Berkeley, California	January 2017
Plenary Lecture Intl. Conf. on Polymer Sci. & Tech. (MACRO2017) – Thiruvananthapuram, India	January 2017

Plenary Lecture - Warwick Polymers 2016 – Warwick, England	July 2016
Plenary Lecture - 8 <sup>th</sup> Annual Triangle Soft Matter Workshop – Durham, North Carolina	May 2016
Plenary Lecture - 1 <sup>st</sup> Annual Green Materials Symposium – London, England	December 2015
Whitby Memorial Lectureship - University of Akron, Dept. of Polymer Sci. – Akron, Ohio	May 2015
CSE Public Lecture – UMN College of Science and Engineering – Minneapolis, Minnesota	January 2015
Dow Lecture in Sustainability - Colorado St. Univ., Dept. of Chem. – Ft. Collins, Colorado	October 2014
Xerox Lecture - Univ. of British Columbia, Dept. of Chemistry – Vancouver, Canada	September 2014
Keynote Lecture - Canadian High Polymer Forum – Gananoque, Canada	July 2014
Bayer Lecture - Cornell University, Dept. of Chemistry & Chemical Biology – Ithaca, NY	November 2013
Aldrich Lecture - Columbia University, Department of Chemistry – New York, NY	October 2013
Plenary Lecture - 2013 Dutch Polymer Days Conference – Lunteren, The Netherlands	March 2013
Plenary Lecture - Warwick 2012 – Warwick, England	July 2012
Grande Conférence IUPAC - Université de Montréal, Dept. of Chem.– Montreal, Canada	March 2012
Keynote Lecture - 2011 Australasian Polymer Symposium – Coffs Harbour, Australia	February 2011
Plenary Lecture - Int. Symp. on Nano Structured Polymeric Materials – Pohang, Korea	November 2010
Plenary Lecture - Virginia Tech Technical Conference and Review – Blacksburg, Virginia	October 2010
Plenary Lecture - 9 <sup>th</sup> National Graduate Research Polymer Conference – Chapel Hill, NC	June 2010

### RECENT PEER-REVIEWED PUBLICATIONS

- (452) Cao, Q.; Kim, S. C.; Ou, Q.; Chung, H. Y.; Chen, W.; Durfee, W.; Arnold, S.; Hillmyer, M. A.; Griffin, L. A.; Pui, D. Y. H. – Filtration Performance and Fiber Shedding Behavior in Common Respirator and Face Mask Materials – *Aerosol Air Qual. Res.* **2023**, *23*, 220387. <https://doi.org/10.4209/aaqr.220387>
- (451) Angulski, A. B. B.; Cohen, A.; Kim, M.; Hahn, D.; Van Zee, N.; Lodge, T. P.; Hillmyer, M. A.; Hackel, B. J.; Bates, F. S.; Metzger, J. M – Molecular homing and retention of muscle membrane stabilizing copolymers by non-invasive optical imaging in vivo – *Mol Ther: Methods Clin Dev.* **2023**, *28*, 162–176. <https://doi.org/10.1016/j.omtm.2022.12.005>
- (450) Van Zee, N. J.; Peroutka, A. S.; Hillmyer, M. A.; Lodge, T. P. – Effect of Poloxamer Binding on the Elasticity and Toughness of Model Lipid Bilayers – *Langmuir* **2023**, *39*, 7258–7267. <https://doi.org/10.1021/acs.langmuir.2c03443>
- (449) Zografos, A.; All, H. A.; Chang, A. B.; Hillmyer, M. A.; Bates, F. S. – Star-to-Bottlebrush Transition in Extensional and Shear Deformation of Unentangled Polymer Melts – *Macromolecules* **2023**, *56*, 2406–2417. <https://doi.org/10.1021/acs.macromol.3c00015>
- (448) Dingwell, C. E.; Hillmyer, M. A. – Regiospecific Poly(ethylene-co-vinyl alcohol) by ROMP of 3-Acetoxy-cyclooctene and Postpolymerization Modification for Barrier Material Applications – *ACS Appl. Polym. Mater.* **2023**, *5*, 1828–1836. <https://doi.org/10.1021/acsapm.2c01918>
- (447) Zervoudakis, A. J.; Sample, C. S.; Peng, X.; Lake, D.; Hillmyer, M. A.; Ellison, C. J. – Dihydroxy Polyethylene Additives for Compatibilization and Mechanical Recycling of Polyethylene Terephthalate/Polyethylene Mixed Plastic Waste – *ACS Macro Lett.* **2022**, *11*, 1396–1402. <https://doi.org/10.1021/acsmacrolett.2c00601>
- (446) Jang, Y. -J.; Sangroniz, L.; Hillmyer, M. A. – Ductile gas barrier poly(ester–amide)s derived from glycolide – *Polym. Chem.* **2022**, *13*, 3882–3891. <https://doi.org/10.1039/d2py00479h>
- (445) Werber, J. R.; Peterson, C.; Stipanic, D. F.; Hillmyer, M. A. – Polymeric Microcapsules as Robust Mimics of Emulsion Liquid Membranes for Selective Ion Separations – *Environ. Sci. Technol.* **2022**, *56*, 17352–17363. <https://doi.org/10.1021/acs.est.2c07242>
- (444) Peterson, C. H.; Werber, J. R.; Lee, H. K.; Hillmyer, M. A. – Tailored Mesoporous Microspheres by Polymerization-Induced Microphase Separation in Suspension – *ACS Appl. Polym. Mater.* **2022**, *4*, 4219–4233. <https://doi.org/10.1021/acsapm.2c00210>
- (443) Chan, W. Y.; Hillmyer, M. A. – Disordered Triblock Polymers for Nanoporous Materials with Tunable Surface Properties for Ultrafiltration Applications – *ACS Appl. Polym. Mater.* **2022**, *4*, 8009–8020. <https://doi.org/10.1021/acsapm.2c00065>
- (442) Sample, C. S.; Kellstedt, E. A.; Hillmyer, M. A. – Tandem ROMP/Hydrogenation Approach to Hydroxy-Telechelic Linear Polyethylene – *ACS Macro Lett.* **2022**, *11*, 608–614. <https://doi.org/10.1021/acsmacrolett.2c00144>

- (441) Lee, B.; Maher, M. J.; Schibur, H. J.; Hillmyer, M. A. – Toughening Polylactide with Graft-Block Polymers – *ACS Appl. Polym. Mater.* **2022**, *4*, 3408–3416. <https://doi.org/10.1021/acsapm.2c00036>
- (440) Sangroniz, L.; Jang, Y.-J.; Hillmyer, M. A.; Müller, A. J. – The role of intermolecular interactions on melt memory and thermal fractionation of semicrystalline polymers – *J. Chem. Phys.* **2022**, *156*, 144902. <https://doi.org/10.1063/5.0087782>
- (439) Griffin, L.; Yu, M.; Cloet, A.; Arnold, S.; Carlson, N.; Hillmyer, M.; Ou, Q.; Pei, C.; Cao, Q.; Pui, D.; Franklin, R. – Protective Masks Utilizing Nonendangered Components – *J. Med. Devices* **2022**, *16*, 015001. <https://doi.org/10.1115/1.4053720>
- (438) Van Zee, N. J.; Peroutka, A. S.; Crabtree, A.; Hillmyer, M. A.; Lodge, T. P. – Lipid Membrane Binding and Cell Protection Efficacy of Poly(1,2-butylene oxide)-*b*-poly(ethylene oxide) Copolymers – *Biomacromolecules* **2022**, *23*, 1433–1442. <https://doi.org/10.1021/acs.biomac.1c01661>
- (437) Haque, F. M.; Ishibashi, J. S. A.; Lidston, C. A. L.; Shao, H.; Bates, F. S.; Chang, A. B.; Coates, G. W.; Cramer, C. J.; Dauenhauer, P. J.; Dichtel, W. R.; Ellison, C. J.; Gormong, E. A.; Hamachi, L. S.; Hoyer, T. R.; Jin, M.; Kalow, J. A.; Kim, H.-J.; Kumar, G.; LaSalle, C. J.; Liffland, S.; Lipinski, B. M.; Pang, Y.; Parveen, R.; Peng, X.; Popowski, Y.; Prebihalo, E. A.; Reddi, Y.; Reineke, T. M.; Sheppard, D. T.; Swartz, J. L.; Tolman, W. B.; Vlaisavljevich, B.; Wissinger, J.; Xu, S.; Hillmyer, M. A. – Defining the Macromolecules of Tomorrow through Synergistic Sustainable Polymer Research – *Chem. Rev.* **2022**, *122*, 6322–6373. <https://doi.org/10.1021/acs.chemrev.1c00173>
- (436) Fournier, L.; Rivera Mirabal, D. M.; Hillmyer, M. A. – Toward Sustainable Elastomers from the Grafting-Through Polymerization of Lactone-Containing Polyester Macromonomers – *Macromolecules* **2022**, *55*, 1003–1014. <https://doi.org/10.1021/acs.macromol.1c02349>
- (435) Batiste, D. C.; DeHoe, G. X.; Nelson, T. F.; Sodnikar, K.; McNeill, K.; Sander, M.; Hillmyer, M. A. – Site-Specific Mineralization of a Polyester Hydrolysis Product in Natural Soil – *ACS Sustainable Chem. Eng.* **2022**, *10*, 1373–1378. <https://doi.org/10.1021/acssuschemeng.1c07948>
- (434) Zografos, A.; Lynd, N. A.; Bates, F. S.; Hillmyer, M. A. – Impact of Macromonomer Molar Mass and Feed Composition on Branch Distributions in Model Graft Copolymerizations – *ACS Macro Lett.* **2021**, *10*, 1622–1628. <https://doi.org/10.1021/acsmacrolett.1c00640>
- (433) Liffland, S.; Hillmyer, M. A. – Enhanced Mechanical Properties of Aliphatic Polyester Thermoplastic Elastomers through Star Block Architectures – *Macromolecules* **2021**, *54*, 9327–9340. <https://doi.org/10.1021/acs.macromol.1c01357>
- (432) Kim, H.-J.; Hillmyer, M. A.; Ellison, C. J. – Enhanced Polyester Degradation through Transesterification with Salicylates – *J. Am. Chem. Soc.* **2021**, *143*, 15784–15790. <https://doi.org/10.1021/jacs.1c07229>
- (431) DeRosa, C. A.; Luke, A. M.; Anderson, K.; Reineke, T. M.; Tolman, W. B.; Bates, F. S.; Hillmyer, M. A. – Regioregular Polymers from Biobased (R)-1,3-Butylene Carbonate – *Macromolecules* **2021**, *54*, 5974–5984. <https://pubs.acs.org/10.1021/acs.macromol.1c00828>
- (430) Feinberg, E. C.; Huff-Chester, A. L.; Novak, P. J.; Hillmyer, M. A. – Porous Polyethylene-Supported Zeolite Carriers for Improved Wastewater Deammonification – *ACS EST Engg.* **2021**, *1*, 1104–1112. <https://doi.org/10.1021/acsestengg.1c00077>
- (429) Altay, E.; Jang, Y.-J.; Kua, X. Q.; Hillmyer, M. A. – Synthesis, Microstructure, and Properties of High-Molar-Mass Polyglycolide Copolymers with Isolated Methyl Defects – *Biomacromolecules* **2021**, *22*, 2532–2543. <https://doi.org/10.1021/acs.biomac.1c00269>
- (428) Huff Chester, A. L.; Eum, K.; Tsapatsis, M.; Hillmyer, M. A.; Novak, P. J. – Enhanced Nitrogen Removal and Anammox Bacteria Retention with Zeolite-Coated Membrane in Simulated Mainstream Wastewater – *Environ. Sci. Technol. Lett.* **2021**, *8*, 468–473. [10.1021/acs.estlett.1c00154](https://doi.org/10.1021/acs.estlett.1c00154) [Correction: [10.1021/acs.estlett.1c00406](https://doi.org/10.1021/acs.estlett.1c00406)]
- (427) Ogawa, R.; Hillmyer, M. A. – High molar mass poly(ricinoleic acid) via entropy-driven ring-opening metathesis polymerization – *Polym. Chem.* **2021**, *12*, 2253–2257. [10.1039/D1PY00185J](https://doi.org/10.1039/D1PY00185J)
- (426) Wang, H.; Onbulak, S.; Weigand, S.; Bates, F. S.; Hillmyer, M. A. – Polyolefin graft copolymers through a ring-opening metathesis grafting through approach – *Polym. Chem.* **2021**, *12*, 2075–2083. [10.1039/D0PY01728K](https://doi.org/10.1039/D0PY01728K)

(425) Onbulak, S.; Hillmyer, M. A. – Precision ethylene-styrene copolymers through the ring opening metathesis polymerization of 3-phenyl cyclododecenes – *Polym. Chem.* **2021**, *12*, 1681–1691. [10.1039/D0PY01721C](https://doi.org/10.1039/D0PY01721C)

## UNIVERSITY SERVICE AND COMMITTEES

### Current

CSE-DEI Alliance Faculty and Staff Action Group (2021–present)  
CSE-President's Postdoctoral Fellowship Program advisory committee (2020–present)  
Office of Technology Commercialization Advisory Board Member (2015–present)

### Past

Special Panel Review Committee Chair (2022)  
MN Mask research, development and policy team member (2020–2022)  
CSE faculty budget committee (2020–2021)  
Provost's Grand Challenges Research Strategy Team (2015–2021)  
McKnight Land-Grant Professorship selection committee (2014)  
Coordinator, IRG-1, MRSEC; Executive Committee member (2006–2014)  
Leader, Microstructured Polymers Group, IPRIME; Executive Committee member (2006–2014)  
Distinguished McKnight University Professorship selection committee (2012)  
Member, College of Science and Engineering Consultative Committee (2010–2012)  
Faculty advisor to Engineers without Borders (2011–2012)  
Internal UMN reviewer for the NSF Sustainability Research Networks (SRN) program (2011)  
Discovery Grants on Biofuels and the Environment; Proposal Review Panelist (2007)  
Member on the Biofuels Research Strategies Committee (2006–2007)  
Graduate School Fellowship review committee (2004)

## DEPARTMENTAL SERVICE AND COMMITTEES

### Current

Alumni Relations Committee (2023–present)  
Planning, Staffing, and Resource Committee (2022–present)  
Mentoring committee for Prof. Jessica Lamb (2022–present)

### Past

Graduate Admissions Committee (2021–2022)  
General Chemistry Reorganization Committee (2022)  
Mentoring committee for Prof. Nicholas Race (2019–2022)  
Departmental Awards committee (2013–2019)  
Mentoring committee for Prof. Joseph Topczewski (2015–2019)  
Departmental search committee member (2018–2019)  
Mentoring committee for Prof. Ian Tonks (2016–2019)  
Member of the faculty search committee (2014–2015)  
Departmental Awards committee (2011–2012)  
Chair of the Departmental Staff Reorganization Committee (2009–2010)  
Chair of the Departmental Newsletter Committee (2007–2010)  
Member of the Departmental Tenure Committee (2009–2010)  
Chair of the faculty search committee (2006–2007)  
Chair of Professor T. Andrew Taton's tenure committee (2003–2005, 2006)  
Member of the Graduate School Fellowship Committee (2005)  
Chair of the Departmental Seminar Series Committee (2001–2005)  
Committee member for the Departmental Seminar Series (2000–2001)  
Committee member for Kolthoff Hall Renovation (2003–2005)  
Committee member for the Department of Chemistry Chair Search (2005)  
Committee member for the Chemistry Centennial Celebration (2004)  
Managing director of the Polymer Synthesis Facility (2002–2018)  
Committee member for Departmental Summer Undergraduate Research Programs (1999–2003)

Committee member for the 2002 Great Lakes Regional Meeting (2001–2002)  
Committee member for the Mass Spectrometry Facility Director search (2001)  
Committee member for the Mass Spectrometry Facility Director search (1999)  
Co-organizer (with Professor David Morse) of the UMN Polymer Seminar Series (1997–2000)  
Faculty member in charge of the departmental high-pressure facility (1997–2007)

#### DEPARTMENTAL TEACHING

Spring 2023 Polymer Laboratory (Chem/MatS/Chen 4223W)  
Spring 2022 Polymer Laboratory (Chem/MatS/Chen 4223W)  
Spring 2021 Polymer Laboratory (Chem/MatS/Chen 4223W)  
Fall 2019 Organic Chemistry I (Chem 2301)  
Fall 2018 Organic Chemistry I (Chem 2301)  
Fall 2017 Organic Chemistry I (Chem 2301)  
Fall 2016 Synthetic Polymer Chemistry (Chem/MatS/Chen 8221 & Chem 4221)  
Fall 2015 Synthetic Polymer Chemistry (Chem/MatS/Chen 8221 & Chem 4221)  
Spring 2015 Introduction to Thermodynamics, Kinetics, and Statistical Mechanics (Chem 4501)  
Spring 2014 General Chemistry (Chem 1061)  
Spring 2012 Green Chemistry (Chem 4601) w/ Professor William Tolman  
Fall 2011 Synthetic Polymer Chemistry (Chem/MatS/Chen 8221 & Chem 4221)  
Spring 2011 Green Chemistry (Chem 4601) w/ Professor William Tolman  
Fall 2010 Synthetic Polymer Chemistry (Chem/MatS/Chen 8221 & Chem 4221)  
Spring 2010 Polymer Laboratory (Chem/MatS/Chen 4223W)  
Fall 2009 Synthetic Polymer Chemistry (Chem/MatS/Chen 8221 & Chem 4221)  
Spring 2009 Polymer Laboratory (Chem/MatS/Chen 4223W)  
Fall 2008 Synthetic Polymer Chemistry (Chem/MatS/Chen 8221)  
Spring 2008 Polymer Laboratory (Chem 4223W / MatS 5223W)  
Fall 2007 Introduction to Polymer Chemistry (Chem 4221, MatS/Chen 5221, Chem 8221)  
Spring 2007 Polymer Laboratory (Chem 4223W / MatS 5223W)  
Fall 2006 Introduction to Polymer Chemistry (Chem 4221, MatS/Chen 5221, Chem 8221)  
Spring 2005 Physical Chemistry I (Chem 3501/4501)  
Fall 2004 Introduction to Polymer Chemistry (Chem/MatS/Chen 5221, Chem 8221)  
Spring 2004 Physical Chemistry I (Chem 3501/4501)  
Fall 2003 Physical Chemistry I (Chem 3501/4501) w/ Professor David Blank  
Spring 2003 Physical Chemistry I (Chem 3501/4501) w/ Professor David Blank  
Fall 2001 Introduction to Polymer Chemistry (Chem/MatS 5221, Chem 8221)  
Spring 2001 Polymer Laboratory (Chem 5223)  
Fall 2000 Living in the Plastic Age (Freshman Seminar – IofT 1905, IofT 1910W)  
Fall 2000 Introduction to Polymer Chemistry (Chem/MatS 5221, Chem 8221)  
Spring 2000 Polymer Laboratory (Chem 5223)  
Fall 1999 Living in the Plastic Age (Freshman Seminar – IofT 1905, IofT 1910W)  
Fall 1999 Introduction to Polymer Chemistry (Chem/MatS 5221, Chem 8221)  
Spring 1999 Elementary Organic Chemistry Laboratory I (Chem 3305)  
Winter 1999 Organic Chemistry II (Chem 3302)  
Winter 1998 Elementary Organic Chemistry Laboratory I (Chem 3305)  
Fall 1997 Organic Chemistry II (Chem 3302)