

Title	Authors and Date (if provided)	Comments	Categories
<i>An Abrupt Increase in Fall Precipitation: Decadal Variability over the United States after 1950</i>	David Small and Shafiqul Islam April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Precipitation, Streamflow, and Watersheds
<i>Air Conditioners (Going Green Midterm)</i>	David Wachs March 11, 2009		-Energy Efficiency
<i>Alternative Energy Sources for Cousen's Gym</i>	R. Christopher Barrons, James R. Dufort, Raymond Wong April 1, 1991	Reasoning and analysis could be improved.	-Alternative Energy
<i>Alternative Fuels in the Tufts University Vehicle Fleet</i>	Jeff Dulgarian, Aparna Narang, Frank Parent, Teresa Pietro May 1, 1997		-Alternative Energy (Vehicles)/Commuting
<i>Analysis of the Lighting at Carmichael Dormitory</i>	Jennifer Boynton, Jaime Lapus, John Pohorylo, Matthew Rothschild April 4, 1991	Good approach, problem definition, and research.	-Lighting
<i>Applicability of Fuel Cells as Cogeneration Energy Plants in Tufts University Medford Campus</i>	Reigo Lehtla and Wei Tong December 2000		-Cogeneration
<i>Benefit/ Cost Analysis of Spectrowax All Purpose Cleaner, Simple Green-d, and EnviroCare All Purpose Cleaner</i>	Jennifer M. Grin, Robert J. Kefalas, Fares M. Khalidi, Peter S. Khang May 1, 1992		-Green Products
<i>Boilers and Water Heaters in Wood Frame Houses: Tufts University, Medford Campus</i>	Bridget Larson and Jaspreet Singh Dec. 2000		-Energy Efficiency
<i>Boston Area Cogeneration Consortium</i>	Kathleen Ho, Kristina Ohlsson, and Zheng Wang December 10, 2001		-Cogeneration
<i>Bury or Burn? A Comparison of Landfilling and Incineration</i>	Alec Ewald, Mihai Davis, Eric Gates, Kerry Connell May 1, 1992		-Waste Management
<i>Cardboard Recycling: A Cost-Benefit Analysis</i>	Patricia Arriaga, Jonathan Boright, David Brier, Michelle Master		-Recycling
<i>Carmichael Hall Heat Loss</i>	Amy Catalano, Roger Anderson, Ellen Noto April 1, 1991		-Energy Efficiency
<i>Carpooling Program at Tufts University: Planning, Promotion, and Implementation</i>	Alicia Harvie	Has some interesting suggestions to increase carpooling ton campus	-Alternative Energy (Vehicles)/Commuting
<i>Cascading Costs: The Implications of an Economic Nitrogen Cycle for Mitigation Strategies</i>	William Moomaw and Melissa Birch April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Climate Change/Control
<i>Cell Phones (Going Green Midterm)</i>	Alyson Weiss March 11, 2009		-Electronics

<i>Charlie's Climate Angels</i>	Jackie Calahong, Moji Terri, and Aki Ohata 2001	Rough draft.	-Climate Change/ Control
<i>The Climate Change Diet: Can it Save the Planet and Our Waistlines?</i>	Tara Fiechter-Russo May 2010	*Note: Click here to access short summary of the report.	-Food and Drink
<i>Cogeneration in Boston Area University Campuses</i>	Joshua Davis, Flavio Pinheiro		-Cogeneration
<i>Composting: Nature's Method of Solid Waste Disposal and its Place at Tufts University</i>	Jennifer Evans, Kevin Tebbutt April 24, 1991		-Composting
<i>Computer Usage at Tufts</i>	Kasia Ozga, Elia Peng, Sara Oldenberg Fall 2000	Undergraduate econ paper. Draft.	-Electronics
<i>Cooling Brown House</i>	Yale Saltzman, Sarah Summers, Amee Kantesaria May 1, 2000	Undergraduate econ paper.	-Energy Efficiency
<i>Cool Medford: A Guide to Save the Planet from Your Couch</i>	Alejandro Aguilera, Takeshi Enoki, and Robin Taylor 2002	Might be helpful for educational materials.	-Attitudes and Behavior
<i>A Costs and Benefits Analysis, A Case Study of Tufts University's Safety Shuttles: Conventional vs. Electric</i>	Kevin Bogardus, Cheryl Amsterdam, Jerry Bang, John Bilow Spring 1992		-Alternative Energy (Vehicles)/ Commuting
<i>Cost/ Benefit Analysis of the Conversion to Microscale Chemistry</i>	Kevin McCabe, Marc McCarthy, Sarah McLaughlin, Alissa Millman	Not extremely informative.	-Waste Management
<i>A Cost/ Benefit Analysis of the Effectiveness of Upgrading to Energy Efficient Lighting at Tufts</i>	Terry Johnston, Michelle Littleton, Alexander Mas, Jessica Milman May 6, 1993	Well-written and convincing report.	-Lighting
<i>Cost/ Benefit Analysis of Emulsifiers Used on the Medford Campus of Tufts University</i>	Ajita Abraham, Christy Uchida, Dan Ullman, Jennifer Zauner May 6, 1993		-Green Products
<i>Cost-Benefit Analysis of Installing Occupancy Sensors in Anderson Hall</i>	Eamon Aghdasi, Taichi Nakshima, and Ronald Sia	Undergraduate econ paper.	-Lighting
<i>A Cost/Benefit Analysis of On-Line Computer Utility vs. the IBM Mainframe</i>	Marina Ratzin, Heather Smith, Nicole Starrett, Julie Stomper Spring, 1993	Outdated.	-Electronics
<i>A Cost/Benefit Analysis of Paper versus Polystyrene Dishware in the Tufts Campus Center</i>	Ken Siskind, Taku Tamaki, Tabbert Teng, Alicia Sewell May 1, 1992		-Green Products -Food and Drink
<i>Cost Benefit Analysis of Replacing the Urinals in Halligan Hall with Waterless Urinals</i>	Daniel Mendell and Ted Shevlin December 5, 2002		-Water Conservation
<i>A Cost Benefit Analysis of Switching From Bottled Poland</i>	Peter Giordano, Carrie Horwitz, Greg Hutton,	Good analysis.	-Water Conservation

<i>Spring Water to Atlas Filtered Water in Tufts University's Offices and Departments</i>	Dima Jardaneh May 6, 1993		
<i>A Cost-Benefit Analysis of Transportation To, From, and Around Tufts University</i>	Kimberly Jaeger, Michael Letulle, Diane Long, Patrick Moran April 1991		-Alternative Energy (Vehicles)/ Commuting
<i>A Cost-Benefit Analysis of Using Biodiesel Fuel at Tufts University</i>	Alexei M. Wagner December, 2003		-Alternative Energy (Vehicles)/ Commuting
<i>Cost/ Benefit Analysis of Using Recycled vs. Virgin Paper</i>	Rune Kongshaug, Beverly Prange, Candice Prior, Jon Rudy		-Recycling
<i>A Cost-Benefit Analysis of Water Use in Carmichael Hall</i>	Garrett Lynch, Brian Nurenberg, Cliff Slater Spring 1991		-Water Conservation
<i>Dams, Health, and Livelihoods in Africa: Lessons from the Senegal, Suggestions for the Nile</i>	Jonathan Lautze and Paul Kirshen April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Precipitation, Streamflow, and Watersheds
<i>A Demand Assessment for Fair Trade Coffee at Tufts University: An Evaluation Plan for FEAST—Food and Education Action for Sustainability at Tufts</i>	Caroline Campbell December 2006	Designed a survey re: Fair Trade coffee at Tufts. Not sure if it was implemented, but if not, it might be useful in the future.	-Food and Drink
<i>Desktop Computers (Going Green Midterm)</i>	Dan Halpert March 11, 2009		-Electronics
<i>Desktops and Laptops: A Cost Benefit Comparison for the Lincoln Filene Center at Tufts University</i>	Eli Peng, Sarah Oldenberg, and Kasia Ozga Fall 2000	Undergraduate econ paper. Note: Some energy data is incorrect.	-Electronics
<i>Dowling Hall and 419 Boston Ave: A Cost-Benefit Analysis of Waste Management and Removal</i>	Andrea Heiss, Ashley Langworthy, and Blaire Malkin December 11, 2000	Undergraduate econ paper. Draft.	-Waste Management
<i>Drinking Green All Year Round (Going Green Midterm)</i>	Sydney Skilken March 11, 2009		-Food and Drink
<i>Economic Analysis of Composting Solid Waste at Tufts Medford Campus</i>	Robert Irish April 24, 1991		-Composting
<i>The Effect of Ground Water on Estimates of Reservoir Firm Yield</i>	Stacey Archfield April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Water Conservation
<i>The Effects of an Herbicide on Early Frog Development</i>	Jenny Lenkowski and Kelly McLaughlin April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Pollution -Animals and Ecosystems
<i>Electric Vehicles Project as a Greenhouse Gas Reduction Strategy at Tufts University</i>	Gisela Campillo-Bermudo May 10, 2005	Author makes some recommendations at the end.	-Alternative Energy (Vehicles)/ Commuting
<i>Energy Efficiency in Dining Halls</i>	Shara Dellatore and Shelly Junejara December 10, 2001	Some calculations are inaccurate.	-Energy Efficiency

<i>Environmental Detection of Francisella Species on Martha's Vineyard</i>	Zenda Berrada and Sam Telford, III April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Animals and Ecosystems
<i>The Environmental Impact of Tufts University: Evaluation of Heat Loss Windows and Doors in Anderson Hall</i>	Christopher Till, Mary-Patricia Adamo, Mei Yu Zhen, Roberto L. Dorich	Fair written report.	-Energy Efficiency
<i>Environmentally Friendly All-Purpose Cleaners (Going Green Midterm)</i>	Rachel Yu March 11, 2009		-Green Products
<i>Environmental Vapor Monitoring with an Optical Nose</i>	Sandra Bencic-Nagale, Matthew Aernecke, David Walt April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Precipitation, Streamflow, and Watersheds
<i>Evaluation of the Lighting System on the Tufts Campus: Cost/Benefit Analysis and Discussion</i>	Economics 126 Group 6 (no names) April 24, 1991		-Lighting
<i>Evaluation of the Schmalz House Three Years After the Implementation of Fuel and Energy Conservation Improvements</i>	Robin Struwe Spring 2005		-Energy Efficiency
<i>Feasibility Study of a Hybrid Combustion-Fuel Cell Cogeneration Plant: A Senior Design Project Case Study</i>	Vincent P. Manno, Katherine K. Friend, and Emilie R. Nelson 1999		-Cogeneration
<i>Feasibility Study: Solar Hot Water Application</i>	Katherine Friend and Emilie Nelson May 10, 1999	*Note: Click here to access short summary of report.	-Alternative Energy
<i>Fertilizer and Herbicide Use on the Tufts Campus</i>	Brad Grausz, Sam Goldberg, Fred Grego		-Sustainable Landscaping -Pollution
<i>Filtered Vs. Bottled Water</i>	Peter Dunn, Michael Ranieri, and Amerita Sandhu	Undergraduate econ paper.	-Water Conservation
<i>Fluorescence Analysis of Natural Waters and Humic Materials</i>	Jonathan Kenny, Gregory Hall, Kerin Clow, Hao Chen April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Precipitation, Streamflow, and Watersheds
<i>Folder with Memos Written by Professor Moomaw's Energy and Environment Class</i>	Various – 2000	There's a list of recommendations at the beginning of the report.	-Attitudes and Behavior -Energy Recommendations for Tufts and Other Schools
<i>From Ridge to Reef: The Guatemalan Highlands to the Mesoamerican Barrier Reef System, Navigating Toward Integrated Watershed and Coastal Areas Management in the Motagua River Basin</i>	Georgia Kayser April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Precipitation, Streamflow, and Watersheds
<i>Get Out of Your Car: Strategies to Reduce Single Occupancy Commuting To and From Tufts University</i>	Lucy Edmondson December 1991		-Alternative Energy (Vehicles)/ Commuting -Attitudes and Behavior

<i>Global Development and Environmental Institute Research</i>	Frank Ackerman, Kevin Gallagher, Neva Goodwin, Jonathan Harris, Minona Heaviland, Rachel Massey, William Moomaw, Julie Nelson, Brian Roach, Timothy Wise April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Climate Change/ Control
<i>The Greenest Beer (Going Green Midterm)</i>	Benjamin W. Rausch March 12, 2009		-Food and Drink
<i>Greenest Plastic Containers (Going Green Midterm)</i>	Jackie Ferry March 11, 2009		-Green Products
<i>Greenest Television (Going Green Midterm)</i>	Jesse Shapiro March 12, 2009		-Electronics
<i>Green Laptops (Going Green Midterm)</i>	Kellie Langden March 11, 2009		-Electronics
<i>Green Makeup (Going Green Midterm)</i>	Samantha Nye March 11, 2009		-Green Products
<i>Green Products: Computers Lagging but not Forgotten (Going Green Midterm)</i>	Frances Wilburn March 11, 2009		-Electronics
<i>Hardi-plank vs. Vinyl Siding</i>	Elizabeth Conn, Jessica Carl, and Morgan Carney December 11, 2000	Undergraduate econ paper.	-Green Products
<i>Heating in Carmichael</i>	David Gold, Sandra Giordano, Evan Goldenberg, Linda Hamady		-Energy Efficiency
<i>The Heat is On! (Along with the lights, the hot water, etc.)</i>	Ben Ball April 2000		-Energy Efficiency
<i>Heat Loss Analysis of Cousens Gym</i>	Jan Cunnion, Daria Dilaj, Chris Ong, Geanne Vasilopoulos March 31, 1991	Very good approach and presentation. Good solutions and analysis.	-Energy Efficiency
<i>Heat Loss in Carmichael</i>	Walter Boehl, Alan Duros, Stephen, Sorabella, Dimitris Papaioannou, Samuel Tang April 4, 1991	Good report. Fair problem definition/ research.	-Energy Efficiency
<i>Heat Loss in Carmichael Hall</i>	Jonathan Bigden, Michael Gordon, Alexander Jones, Jeffrey Lerman April 1, 1991	Good research, but needs more quantification of the benefits for each of the recommendations.	-Energy Efficiency
<i>Heat Loss in Cousens Gym</i>	Adam Bates, Laura Childress, Terry Hartford, Eric Kriebel		-Energy Efficiency
<i>Histological Findings in Cadmium-treated Shrimp Postlarvae (Litopenaeus vannamei) and Development of</i>	Martha Delaney, John Keating, Dawn Meehan-Meola, Acacia Alcivar-Warren	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Animals and Ecosystems

Updated by Emily Parker, Summer 2010

<i>Polymorphic Markers Associated with Tolerance to Cadmium</i>	April 18, 2006		
<i>Hybrid Cars: Toyota Prius (Going Green Midterm)</i>	Becky Gottlieb March 9, 2009		-Alternative Energy (Vehicles)/ Commuting
<i>Immediate Detection of Chemical Threats</i>	Albert Robbat, Jr. April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Pollution
<i>Improving Lighting Efficiency in Carmichael Hall</i>	Michael R. Ricard, Douglas T. Wentworth, Erica V. Zamore April 2, 1991		-Lighting
<i>Improving Student Performance in Massachusetts Public Schools</i>	Jose Agosto, Melanie Allamby, Michelle Chimienti, Angela Ma, and Maria Peralta 2000	Capstone Project	-Energy Recommendations for Tufts and Other Schools
<i>Is Increased Precipitation Over Central United States Related to Decreased Precipitation over Hudson Bay in Canada?</i>	Antarpreet Singh, David Small, Shafiqul Islam April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Precipitation, Streamflow, and Watersheds
<i>Input-Output Models in Industrial Ecology</i>	Stephen Levine and Thomas Gloria April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Animals and Ecosystems
<i>In-Situ Measurement Techniques for Environmentally Benign Semiconductor Manufacturing</i>	Caprice Gray, James Vlahakis, Chris Rogers, Vincent Manno April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Pollution
<i>Investigating the Mobilization Potential of Dense Nonaqueous Phase Liquids (DNAPLs) in the Density Modified Displacement Technology</i>	Linda Abriola, Yusong Li, Lisa Moretti, Thomas Phelan, Andrew Ramsburg April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Animals and Ecosystems -Precipitation, Streamflow, and Watersheds
<i>Investigation of Climate Control Systems for the Telecommunications Department at Tufts University</i>	Sinan Seyhun	Recommendations clear, concise, and helpful.	-Climate Change/ Control
<i>Keep it Clean, Keep it Green (Going Green Midterm)</i>	Courtney Young March 11, 2009		-Green Products
<i>Leaf Waste Management at Tufts University: A Benefit-Cost Analysis of Three Alternatives</i>	Marc London, Scott Lundgren, John McAuley, Isabel Mendez May 1992		-Waste Management
<i>Make Way for the Aggre-Gator: Helping Pool Consumer Demand for Green Power in Massachusetts</i>	Victoria Gellis, Mark Hengen, Cyndi Veit May 2002		-Attitudes and Behavior
<i>Massachusetts Wildlife Disease Surveillance Program: The Role of Wildlife as Sentinels of Diseases of Public Health Importance</i>	Janet Martin and Alison Robbins April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Animals and Ecosystems
<i>Modeling Tools for Assessing</i>	Linda Abriola, John	Environmental	-Pollution

<i>the Benefits of DNAPL Source-Zone Remediation</i>	Christ, Ke Li, Andrew Ramsburg April 18, 2006	Scholarship Poster Presentation (ABSTRACT ONLY)	
<i>The Most Eco-Friendly Cosmetics Company (Going Green Midterm)</i>	Alexa Fiorini March 11, 2009		-Green Products
<i>The Most Environmentally Friendly Option: Plastic Containers (Going Green Midterm)</i>	Akex Ganrucj March 11, 2009		-Green Products
<i>Novel High Efficiency Solar Cells Utilizing Amorphous Diamond Nanostructures</i>	Barnas Monteith, James Sung, Michael Sung April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Alternative Energy
<i>Occupancy Sensors and Daylight Savings Devices: A cost/Benefit Analysis</i>	Bob MacMannis, Richard Marquis, and Mariela Martinez Fall 2000	Undergraduate econ paper.	-Lighting
<i>Office Power</i>	Peter Nachimow, Ryan Newman, and Aarthi Murty	Specific to a certain case study – may no longer be useful. *Note: Click here to access report.	-Energy Efficiency
<i>Optimizing Management Efforts for Sustainable Long-Range Water Supply Planning</i>	Viktoria Zoltay Titcomb, Paul Kirshen, Richard Vogel April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Water Conservation
<i>Pig Manure Management Options for Tufts University School of Veterinary Medicine</i>	Howard Allen, Susan Higgins, Steve Schmitchel, and Ken Tierney	Part of Masters in Civil and Environmental Engineering	-Waste Management
<i>Pollution Prevention</i>	Pam Gianetti April 9, 1991		-Pollution
<i>The Potential for Wind-powered Desalination in Water-scarce Countries</i>	Edward Spang April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Water Conservation
<i>A Preliminary Analysis of Energy Efficiency of the Lincoln Filene Center: Features for Renovation</i>	Megan Brachtel and Terri Santoro December 15, 2000		-Energy Efficiency
<i>Project X: Watering Alumni Field</i>	Jed Troubn, Tammy Wolpowitz, Richard Yoneoka, Sharon Zaboly April 1992		-Water Conservation
<i>Rainwater Harvesting Project</i>	Henry Kasdown, Sally Abbott, and Steve Javaruski December 11, 2000	Undergraduate econ paper.	-Water Conservation
<i>Recycled vs. Virgin Paper, Double-Sided vs. Single-Sided Photocopying</i>	Lisa Lee, Alex Louie, Samia Kirmani, Dan Levine Spring 1992		-Recycling
<i>Recycling at Anderson Hall</i>	Beth Meister, Paul Poduri, Craig Remillard	Undergraduate econ paper.	-Recycling

Updated by Emily Parker, Summer 2010

	Fall 2000	Draft.	
<i>Recycling at Dowling Hall and 419 Boston Avenue</i>	Andreas Heiss, Ashley Langworthy, Blair Malkin November 2, 2000	Good draft *Note: Click here to access the report.	-Recycling
<i>Renewable Energy at Tufts University: Learning How to Harness Available Resources</i>	Nicole Robillar August, 1999		-Alternative Energy
<i>Research and Recommendations for Conserving Water in Carmichael Hall</i>	Matthew Curley, Melissa Faller, Thomas O'Connor, Gregory Smith, Huy Vu April 1, 1991		-Water Conservation
<i>Residential Building Solar Thermal Analysis: A Case Study on Sophia Gordon Hall</i>	Ross M. Trethewey 2009	Thesis	-Alternative Energy
<i>Revaluing Peasant Coffee Production: Organic and Fair Trade Markets in Mexico</i>	Tim Wise and Muriel Caol April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Food and Drink
<i>Schmalz House: Proposal for a Demonstration Project for the Tufts Climate Initiative</i>	Robert Blair, Anja Kollmuss, and Anne Perry		-Energy Efficiency
<i>Seabird Ecological Assessment Network (SEANET): A Citizen Science Project for Marine Ecosystem Health</i>	Rebecca Harris, Florina Tseng, Sean Griffin, Mark Pokras April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Animals and Ecosystems
<i>Sedimentary Phosphorus and Arsenic Inactivation in an Alum-treated Lake</i>	Erica Scheckel and John Durant April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Precipitation, Streamflow, and Watersheds
<i>Signaling Change: Studying the Effect of Price Signals on Disposal Hot Beverage Cup Consumption</i>	Laur E. Fisher 2008	Honors Thesis	-Food and Drink
<i>Social Science Library: Frontier Thinking in Sustainable Development and Human Well-Being</i>	Neva Goodman April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Attitudes and Behavior
<i>Solar Energy Alternatives: Tufts University Wildlife Clinic</i>	Omar Asfour, Evan Bourquard, Jonah Misterka, Teruhiko Yokota	*Note: Click here to access short summary of report.	-Alternative Energy
<i>Solar Hot Water at the Hospital for Large Animals – Grafton Campus</i>	Colleen Burns and Sean Lyons December 10, 2001	Needs conclusions and recommendations.	-Alternative Energy
<i>Solar vs. Oil: A Cost-Benefit Analysis of Hot water Heating Systems for Cousens Gym</i>	Rick Germano, Catherine DiMare, Josh Gleason May 1, 1992		-Alternative Energy
<i>Solid Waste Management at Carmichael Hall</i>	Matthew Carter, John Darling, Christopher Garcia, Laeyeng Hui, Ngon Nguyen April 1, 1991		-Waste Management

Updated by Emily Parker, Summer 2010

<i>Solid Waste Management in Carmichael</i>	Keith Gendel, Nikolai Gonzales, Ish Gupta, Budaja Thamrin	Good problem definition and research; fair concept and solution	-Waste Management
<i>Solid Waste Management for Anderson Hall</i>	Adam S. Burstein, Jeffery Halio, Jong Park, Andrew Gerrie, Keri-Nicole Dillman April 2, 1991		-Waste Management
<i>Solid Waste Reduction in Colleges and Universities: A Status Report</i>	Sarah Hammond Creighton March 26, 1993		-Waste Management
<i>A Study of the Lighting Systems in Anderson Hall at Tufts University</i>	Alexis W. Cabot, Jonathan E. Horne, Tara L. McAuliffe, Michael G. Selan, Denise A. Sullivan April 1, 1991	Good problem definition and research. Fair concept and solution.	-Lighting
<i>A Study on the Lighting in Cousens Gymnasium</i>	Darren Blumenfeld, Patrick Di Nino, Juan Entrecanales, Constantin von Wentzel, Alicia Wang April 4, 1991	Research and analysis are very systematic. Good written report.	-Lighting
<i>Sustainable Carpeting Opportunities for the Lincoln Filene Center at Tufts University</i>	Brendon Mason, Sarah Meginness, and Maria Robinson Fall 2000	Undergraduate econ paper. *Note: Click here to access report.	-Green Products
<i>Toyota Prius: Greenest of the Hybrids? (Going Green Midterm)</i>	Ashton Imlay March 11, 2009		--Alternative Energy (Vehicles)/ Commuting
<i>Trash: An Analysis of Solid Waste Production in Anderson Hall</i>	Damian Barry, David DiPalermo, Gregg Hennesy, Micah Sakata, Randolph Williams April 5, 1991		-Waste Management
<i>Trends in Precipitation and Streamflow in the Eastern US: Paradox or Perception?</i>	David Small, Shafiqul Islam, Richard Vogel April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Precipitation, Streamflow, and Watersheds
<i>The Tufts Fleet: Natural Gas vs. Conventional Gasoline</i>	Ari Goldstein, Bart Goldstein, Josh Goodman, Son Joo Hwang		-Alternative Energy (Vehicles)/ Commuting
<i>Tufts' Shuttle Bus: Diesel vs. Natural Gas</i>	Camilla Catenza, Joaquin Escamille, and Rashmi Gajra	Undergraduate econ paper.	-Alternative Energy (Vehicles)/ Commuting
<i>Tufts University Biodiesel Processor Feasibility Study</i>	(no names) February 2010		-Alternative Energy (Vehicles)/ Commuting
<i>Tufts University School of Veterinary Medicine: Windfarm Design Report</i>	Dana Bellows, Firat Galipogullari, Travis Godsoe, and D. Will Thompson May, 1999	*Note: Click here to access short summary of the report.	-Alternative Energy
<i>Tufts University's Solar</i>	Mihaela Papa, Meghan		-Alternative Energy

<i>Residence Hall</i>	Sweeney, Asami Tanimoto		
<i>Tufts University's Water: Systems, Science, and Society (WSSS) Interdisciplinary Graduate Program</i>	Melissa Bailey, Paul Kirshen, Jordan Willett April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Water Conservation
<i>Vibrational Energy Flow in a Gas-Surface Reaction</i>	Daniel Killelea and Arthur Utz April 18, 2006	Environmental Scholarship Poster Presentation (ABSTRACT ONLY)	-Alternative Energy
<i>Waste Materials Exchange at the Community Level: Building Readiness and Awareness (A case study in an industrial community of Roxbury)</i>	Andrea du Moulin, Roberto Radicci, Wes Teter, and Marissa Wozniak May 2002		-Waste Management
<i>Waste Minimization Strategies for Small to Medium Sized Black-and-White Darkrooms: An Example Survey</i>	John H. Tillotson April 15, 1991		-Waste Management
<i>Water Conservation at Cousens Gymnasium</i>	Christine Marvin, Daniel O'Sullivan, James Perry, Steven Tomasello April 1, 1991		-Water Conservation
<i>Water Usage at Carmichael: How to Cut Costs Through Education and Conservation</i>	Paul Chamberlain, William Chu, Joe Della-Rodolfa, Ryan Manville, Gregory Maxwell April 5, 1991	Good research; The solution is easy to understand.	-Water Conservation
<i>Wind Power at Tufts University Grafton</i>	Daniel Shulte May 10, 2005	Unclear – professor's comments indicate report is confusing and data was inaccurate.	-Alternative Energy

Categories

Alternative Energy (Vehicles)/ Commuting

See: *Alternative Fuels in the Tufts University Vehicle Fleet (Dulgarian, Narang, Parent, Pietro, 1997); Carpooling Program at Tufts University: Planning, Promotion, and Implementation (Harvie); A Costs and Benefits Analysis, A Case Study of Tufts University's Safety Shuttles: Conventional vs. Electric (Amsterdam, Bang, Bilow, Bogardus, 1992); A Cost-Benefit Analysis of Transportation To, From, and Around Tufts University (Jaeger, Letulle, Long, Moran, 1991); A Cost-Benefit Analysis of Using Biodiesel Fuel at Tufts University (Wagner, 2003); Electric Vehicles Project as a Greenhouse Gas Reduction Strategy at Tufts University (Campillo-Bermudo, 2005); Get Out of Your Car: Strategies to Reduce Single Occupancy Commuting To and From Tufts University (Edmondson, 1991); Hybrid Cars: Toyota Prius (Gottlieb, 2009); Toyota Prius: Greenest of the Hybrids? (Imlay, 2009); The Tufts Fleet: Natural Gas vs. Conventional Gasoline (Goldstein, Goldstein, Goodman, Hwang); Tufts' Shuttle Bus: Diesel vs. Natural Gas (Catenza, Escamille, Gajra); Tufts University Biodiesel Processor Feasibility Study (2010); Tufts University GHG Inventory: Commuter Emissions (Chen, 2005)*

Alternative Energy

See: *Alternative Energy Sources for Cousen's Gym (Barrons, Dufort, Wong, 1991); Feasibility Study: Solar Hot Water Application (Friend, Nelson, 1999); Fletcher Energy Consumption: Creating Environmentally Sound Renovations (Black, Brown, Miller, Reeve, 2004); Make Way for the Aggre-Gator: Helping Pool Consumer Demand for Green Power in Massachusetts (Gellis, Hengen, Veit, 2002); Novel High Efficiency Solar Cells Utilizing Amorphous Diamond Nanostructures (Monteith, Sung, and Sung, 2006); Renewable Energy at Tufts University: Learning How to Harness*

Updated by Emily Parker, Summer 2010

Available Resources (Robillar, 1999); Residential Building Solar Thermal Analysis: A Case Study on Sophia Gordon Hall (Trethewey, 2009); Solar Energy Alternatives: Tufts University Wildlife Clinic (Asfour, Bourquard, Misterka, Yokota); Solar Hot Water at the Hospital for Large Animals – Grafton Campus (Burns and Lyons, 2001); Solar Power at Tufts (Chan, Lee, 2001); Solar vs. Oil: A Cost-Benefit Analysis of Hot water Heating Systems for Cousens Gym (Germano, DiMare, Gleason, 1992); Tufts University School of Veterinary Medicine: Windfarm Design Report (Bellows, Galipogullari, Godsoe, Thompson, 1999); Tufts University's Solar Residence Hall (Papa, Sweeney, Tanimoto); Vibrational Energy Flow in a Gas-Surface Reaction (Killelea and Utz, 2006); Wind Power at Tufts University Grafton (Shulte, 2005)

Animals and Ecosystems

See: The Effects of an Herbicide on Early Frog Development (Lenkowski and McLaughlin, 2006); Environmental Detection of Francisella Species on Martha's Vineyard (Berrada, Telford III, 2006); Histological Findings in Cadmium-treated Shrimp Postlarvae (Litopenaeus vannamei) and Development of Polymorphic Markers Associated with Tolerance to Cadmium (Delaney, Keating, Meehan-Meola, Alcivar-Warren, 2006); Input-Output Models in Industrial Ecology (Levine and Gloria, 2006); Investigating the Mobilization Potential of Dense Nonaqueous Phase Liquids (DNAPLs) in the Density Modified Displacement Technology (Abriola, Li, Moretti, Phelan, Ramsburg, 2006); Seabird Ecological Assessment Network (SEANET): A Citizen Science Project for Marine Ecosystem Health (Harris, Tseng, Griffin, Pokras, 2006)

Attitudes and Behavior

See: Cool Medford: A Guide to Save the Planet from Your Couch (Aguilera, Enoki, Taylor, 2002); Energy Reduction Suggestions for Tufts (Memos Written by Professor Moomaw's Energy and Environment Class); Make Way for the Aggregator: Helping Pool Consumer Demand for Green Power in Massachusetts (Gellis, Hengen, Veit, 2002); Social Science Library: Frontier Thinking in Sustainable Development and Human Well-Being (Goodman, 2006)

Climate Change/ Control

See: Cascading Costs: The Implications of an Economic Nitrogen Cycle for Mitigation Strategies (Moomaw and Birch, 2006); Charlie's Climate Angels (Calahong, Terri, Ohata, 2001); Climate Change Action at Tufts (Hammond Creighton and Kollmuss, 2006); Global Development and Environmental Institute Research (Ackerman, Gallagher, Goodwin, Harris, Heaviland, Massey, Moomaw, Nelson, Roach, Wise, 2006); Investigation of Climate Control Systems for the Telecommunications Department at Tufts University (Seyhun)

Cogeneration

See: Applicability of Fuel Cells as Cogeneration Energy Plants in Tufts University Medford Campus (Lehtla, Tong, 2000); Boston Area Cogeneration Consortium (Ho, Ohlsson, Wang, 2001); Cogeneration in Boston Area University Campuses (Davis, Pinheiro); Feasibility study for a Cogeneration Plant on the Tufts University Medford/Somerville Campus (Burnett, Charpentier, Crafton, Friend, Lehman, Nelson, Shattuck, Vora, 1998); Feasibility Study of a Hybrid Combustion-Fuel Cell Cogeneration Plant: A Senior Design Project Case Study (Manno, Friend, Nelson, 1999)

Composting

See: Composting: Nature's Method of Solid Waste Disposal and its Place at Tufts University (Evans, Tebbutt, 1991); Economic Analysis of Composting Solid Waste at Tufts Medford Campus (Irish, 1991)

Electronics (Computers, TVs, Cell Phones)

See: Cell Phones (Going Green Midterm) (Weiss, 2009); Computer Usage at Tufts (Ozga, Peng, Oldenberg, 2000); A Cost/Benefit Analysis of On-Line Computer Utility vs. the IBM Mainframe (Ratzin, Smith, Starrett, Stomper 1993); Desktops and Laptops: A Cost Benefit Comparison for the Lincoln Filene Center at Tufts University (Peng, Oldenberg, Ozga, 2000); Going Green Midterm: Cell Phones (Weiss, 2009); Going Green Midterm Assignment: Desktop Computers (Halpert, 2009); Green Laptops (Langden, 2009); Green Products: Computers Lagging but not Forgotten (Wilbum, 2009); Midterm: Greenest Television (Shapiro, 2009)

Energy Efficiency

Updated by Emily Parker, Summer 2010

See: *Air Conditioners (Going Green Midterm)* (Wachs, 2009) *Boilers and Water Heaters in Wood Frame Houses: Tufts University, Medford Campus* (Larson, Singh, 2000); *Carmichael Hall Heat Loss* (Catalano, Anderson, Noto 1991); *Cooling Brown House* (Saltzman, Summers, Kantesaria, 2000); *Energy Star Compliance* (Murty, Nachimow, Newman, 2000); *Evaluation of the Schmalz House Three Years After the Implementation of Fuel and Energy Conservation Improvements* (Struwe, 2005); *The Environmental Impact of Tufts University: Evaluation of Heat Loss Windows and Doors in Anderson Hall* (Till, Adamo, Zhen, Dorich); *Fletcher Energy Consumption: Creating Environmentally Sound Renovations Energy Efficiency in Dining Halls* (Black, Brown, Miller, Todd, Reeve, 2004); *Going Green Midterm- Air Conditioners* (Wachs, 2009); *Heating in Carmichael* (Gold, Giordano, Goldenberg, Hamady); *Heat Loss Analysis of Cousens Gym* (Cunnion, Dilaj, Ong, Vasilopoulos, 1991); *Heat Loss in Carmichael* (Boehl, Duros, Sorabella, Papaioannou, Tang, 1991); *Heat Loss in Carmichael Hall* (Bigden, Gordon, Jones, Lerman, 1991); *Heat Loss in Cousens Gym* (Bates, Childress, Hartford, Kriebel); *The Heat is On! (Along with the lights, the hot water, etc.)* (Ball, 2000); *Office Power* (Nachimow, Newman, and Murty); *A Preliminary Analysis of Energy Efficiency of the Lincoln Filene Center: Features for Renovation* (Brachtel, Santoro, 2000); *Residential Building Solar Thermal Analysis: A Case Study on Sophia Gordon Hall* (Tretthewy, 2009); *Schmalz House: Proposal for a Demonstration Project for the Tufts Climate Initiative* (Blair, Kolmuss, Perry); *Solar vs. Oil: A Cost-Benefit Analysis of Hot water Heating Systems for Cousens Gym* (Germano, DiMare, Gleason, 1992); *Tufts University's Solar Residence Hall* (Papa, Sweeney, Tanimoto)

Energy Recommendations for Tufts and Other Schools

See: *Energy Reduction Suggestions for Tufts* (Memos Written by Professor Moomaw's Energy and Environment Class); *Improving Student Performance in Massachusetts Public Schools: Five Renovation Opportunities for School Buildings* (Aguto, Allamby, Chimienti, Ma, Peralta, 2000)

Food and Drink

See: *The Climate Change Diet: Can it Save the Planet and Our Waistlines?* (Fiechter-Russo, 2010); *A Cost/Benefit Analysis of Paper versus Polystyrene Dishware in the Tufts Campus Center* (Siskind, Tamaki, Teng, Sewel, 1992); *A Demand Assessment for Fair Trade Coffee at Tufts University: An Evaluation Plan for FEAST—Food and Education Action for Sustainability at Tufts* (Campbell, 2005); *Drinking Green All Year Round* (Skilken, 2009); *Midterm Assignment: The Greenest Beer* (Rausch, 2009); *Revaluing Peasant Coffee Production: Organic and Fair Trade Markets in Mexico* (Wise, Caol, 2006); *Signaling Change: Studying the Effect of Price Signals on Disposal Hot Beverage Cup Consumption* (Fisher, 2008); *A survey of farm-to-college programs: history, characteristics and student involvement* (Murray, 2005)

Green Products

See: *Benefit/ Cost Analysis of Spectrowax All Purpose Cleaner, Simple Green-d, and EnviroCare All Purpose Cleaner* (Grin, Kefalas, Khalidi, Khang, 1992); *Cost/ Benefit Analysis of Deicing Strategies on Tufts University Medford Campus* (Andresen, Blasser, Brod, Struzziery, 1993); *Cost/ Benefit Analysis of Emulsifiers Used on the Medford Campus of Tufts University* (Abraham, Uchida, Ullman, Zauner, 1993); *A Cost/Benefit Analysis of Paper versus Polystyrene Dishware in the Tufts Campus Center* (Siskind, Tamaki, Teng, Sewell, 1992); *Environmentally Friendly All-Purpose Cleaners* (Yu, 2009); *Greenest Plastic Containers* (Ferry, 2009); *Green Makeup* (Nye 2009); *Hardi-plank vs. Vinyl Siding* (Conn, Carl, Carney, 2000); *Keep it Clean, Keep it Green* (Young, 2009); *The Most Environmentally Friendly Option: Plastic Containers* (Ganrucj, 2009); *Sustainable Carpeting Opportunities for the Lincoln Filene Center at Tufts University* (Mason, Meginness, Robinson, 2000)

Lighting

See: *Analysis of the Lighting at Carmichael Dormitory* (Boynton, Lapus, Pohorylo, Rothschild, 1991); *A Cost/ Benefit Analysis of the Effectiveness of Upgrading to Energy Efficient Lighting at Tufts* (Johnston, Littleton, Mas, Milman, 1993); *Cost-Benefit Analysis of Installing Occupancy Sensors in Anderson Hall* (Aghdasi, Nakshima, Sia); *Evaluation of the Lighting System on the Tufts Campus: Cost/Benefit Analysis and Discussion* (1991); *Improving Lighting Efficiency in Carmichael Hall* (Ricard, Wentworth, Zamore, 1991); *Occupancy Sensors and Daylight Savings Devices: A cost/Benefit Analysis* (MacMannis, Marquis, Martinez, 2000); *A Study of the Lighting Systems in Anderson Hall at Tufts University* (Cabot, Home, McAuliffe, Selan, Sullivan, 1991); *A Study on the Lighting in Cousens Gymnasium* (Blumenfeld, Di Nino, Entrecanales, von Wentzel, Wang, 1991)

Pollution

Updated by Emily Parker, Summer 2010

See: Cost/ Benefit Analysis of Deicing Strategies on Tufts University Medford Campus (Andresen, Blasser, Brod, Struzziery); The Effects of an Herbicide on Early Frog Development (Lenkowski and McLaughlin, 2006); Fertilizer and Herbicide Use on the Tufts Campus (Grausz, Goldberg, Grego); Immediate Detection of Chemical Threats (Robbat, 2006); In-Situ Measurement Techniques for Environmentally Benign Semiconductor Manufacturing (Gray, Vlahakis, Rogers, Manno, 2006); Modeling Tools for Assessing the Benefits of DNAPL Source-Zone Remediation (Abriola, Christ, Li, Ramsburg, 2006); Pollution Prevention (Gianetti, 1991)

Precipitation, Streamflow, and Watersheds

See: An Abrupt Increase in Fall Precipitation: Decadal Variability over the United States after 1950 (Small, Islam, 2006); Dams, Health, and Livelihoods in Africa: Lessons from the Senegal, Suggestions for the Nile (Lautze and Kirshen, 2006); Environmental Vapor Monitoring with an Optical Nose (Bencic-Nagale, Aernecke, Walt, 2006); Fluorescence Analysis of Natural Waters and Humic Materials (Kenny, Hall, Clow, Chen, 2006); From Ridge to Reef: The Guatemalan Highlands to the Mesoamerican Barrier Reef System, Navigating Toward Integrated Watershed and Coastal Areas Management in the Motagua River Basin (Kayser, 2006); Is Increased Precipitation Over Central United States Related to Decreased Precipitation over Hudson Bay in Canada? (Singh, Small, Islam, 2006); Investigating the Mobilization Potential of Dense Nonaqueous Phase Liquids (DNAPLs) in the Density Modified Displacement Technology (Abriola, Li, Moretti, Phelan, Ramsburg, 2006); Sedimentary Phosphorus and Arsenic Inactivation in an Alum-treated Lake (Scheckel and Durant, 2006); Trends in Precipitation and Streamflow in the Eastern US: Paradox or Perception? (Small, Islam, Vogel, 2006)

Recycling:

See: Cardboard Recycling: A Cost- Benefit Analysis (Arriaga, Boright, Brier, Master); Cost/ Benefit Analysis of Using Recycled vs. Virgin Paper (Kongshaug, Prange, Prior, Rudy); Recycled vs. Virgin Paper, Double-Sided vs. Single-Sided Photocopying (Lee, Louie, Kirmani, Levine, 1992); Recycling at Anderson Hall (Meister, Poduri, Remillard, 2000); Recycling at Dowling Hall and 419 Boston Avenue (Heiss, Langworthy, Malkin, 2000)

Sustainable Landscaping

Cost/ Benefit Analysis of Deicing Strategies on Tufts University Medford Campus (Andresen, Blasser, Brod, Struzziery, 1993); Fertilizer and Herbicide Use on the Tufts Campus (Grausz, Goldberg, Grego)

Waste Management

See: Bury or Burn? A Comparison of Landfilling and Incineration (Ewald, Davis, Gates, Connell, 1992); Cost/ Benefit Analysis of the Conversion to Microscale Chemistry (McCabe, McCarthy, McLaughlin, Millman); Dowling Hall and 419 Boston Ave: A Cost-Benefit Analysis of Waste Management and Removal (Heiss, Langworthy, Malkin, 2000); Leaf Waste Management at Tufts University: A Benefit-Cost Analysis of Three Alternatives (London, Lundgren, McAuley, Mendez, 1992); Pig Manure Management Options for Tufts University School of Veterinary Medicine (Allen, Higgins, Schmitchel, Tiemey); Solid Waste Management at Carmichael Hall (Carter, Darling, Garcia, Hui, Nguyen, 1991); Solid Waste Management in Carmichael (Gendel, Gonzales, Gupta, Thamrin); Solid Waste Management for Anderson Hall (Burstein, Halio, Park, Gerrie, Dillman, 1991); Solid Waste Reduction in Colleges and Universities: A Status Report (Creighton, 1993); Trash: An Analysis of Solid Waste Production in Anderson Hall (Barry, DiPalermo, Hennesy, Sakata, Williams, 1991); Waste Materials Exchange at the Community Level: Building Readiness and Awareness (A case study in an industrial community of Roxbury) (du Moulin, Radicci, Teter, Wozniak, 2002); Waste Minimization Strategies for Small to Medium Sized Black-and-White Darkrooms: An Example Survey (Tillotson, 1991)

Water Conservation

See: Cost Benefit Analysis of Replacing the Urinals in Halligan Hall with Waterless Urinals (Mendell and Shevlin, 2002); A Cost Benefit Analysis of Switching From Bottled Poland Spring Water to Atlas Filtered Water in Tufts University's Offices and Departments (Giordano, Horwitz, Hutton, Jardaneh, 1993); A Cost-Benefit Analysis of Water Use in Carmichael Hall (Lynch, Nurenberg, Slater, 1991); The Effect of Ground Water on Estimates of Reservoir Firm Yield (Archfield, 2006); Filtered Vs. Bottled Water (Dunn, Ranieri, and Sundhu); Optimizing Management Efforts for Sustainable Long-Range Water Supply Planning (Zoltay Titcomb, Kirshen, Vogel, 2006); The Potential for Wind-powered Desalination in Water-scare Countries (Spang, 2006); Project X: Watering Alumni Field (Troubn, Wolpowitz, Yoneoka, Zaboly, 1992); Rainwater Harvesting Project (Kasdown, Abbott, Javaruski, 2000); Research and Recommendations for

Updated by Emily Parker, Summer 2010

Conserving Water in Carmichael Hall (Curley, Faller, O'Connor, Smith, Vu, 1991); Tufts University's Water: Systems, Science, and Society (WSSS) Interdisciplinary Graduate Program (Bailey, Kirshen, Willett, 2006); Water Conservation at Cousens Gymnasium (Marvin, O'Sullivan, Perry, Tomasello, 1991); Water Usage at Carmichael: How to Cut Costs Through Education and Conservation (Chamberlain, Chu, Della-Rodolfa, Manville, Maxwell, 1991)