

# Dr. David T. Damery

Curriculum Vita      January, 2009

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## Education

- 2006      **University of Massachusetts, Amherst**      Amherst, MA  
Ph.D. Resource Economics  
• Dissertation: "Factors Influencing Forest Management Planning by Private Forest Landowners"
- 1988      **Carnegie Mellon University**      Pittsburgh, PA  
MS Industrial Administration (MBA)  
• Graduated With Distinction
- 1980      **Massachusetts Institute Of Technology**      Cambridge, MA  
BS Naval Architecture and Marine Engineering  
• 1978-79 University of California, Berkeley - Wood, Science & Technology Department, Honors Student

## Teaching Experience

- 1996 - Present      **University of Massachusetts, Amherst**      Amherst, MA  
Assoc. Professor, Director - Building Materials and Wood Technology Program, Natural Resources Conservation Department  
Teach, conduct research and perform outreach activities related to the economics and marketing of building materials and forest products. Member of the Architecture and Design Faculty. Current courses taught:  
• Building Materials and Forest Products Marketing  
• Business of Building  
• The Built Environment

**Additional Duties:** Chief Undergraduate Advisor, Personnel Committee (Chair, 2006-07), Computer & Web Committee (Member), Faculty advisor, National Assoc. of Homebuilders - Student Chapter, UMass.; Northeastern Young Lumber Executives - Faculty Liaison.

- 1994 - 1996      **Greenfield Community College**      Greenfield, MA  
Adjunct Faculty, Business Department  
**Responsibilities:** Instructor of Business Math, Microeconomics, and Macroeconomics; Developed a new course entitled Personal Finance.; International Studies Committee.

- 1996      **Millers River Community Development Corp.**      Athol, MA  
Instructor  
Developed and taught 10 week course in Small Business Management. covering: entrepreneurship, market research, advertising, competitor analysis, budgeting, bookkeeping, pricing, financing, and writing the business plan.

## Teaching Experience (continued)

1995 **Gomel Consumer Cooperative Institute** Gomel, Belarus  
Guest Lecturer  
Developed and conducted intensive, week-long, classes in Entrepreneurship, Managerial Accounting and Inventory Control for resident faculty members and students.; Exchange included many institutional, and industrial visits.

## Professional Experience

1995 - 1996 **Millers River Community Development Corporation** Athol, MA  
Small Business Consultant  
Provided management consulting services in the areas of: strategic planning, market research, pricing, advertising and promotion, financial analysis (profit/loss, cash flow and balance sheets), borrowing needs, and operations to small business owners.;

1993 - 1996 **Innova Corporation** Leyden, MA  
Entrepreneur  
Owner and founder of start-up business in plastic goods marketing.

1989 - 1993 **Rugg Manufacturing Company** Greenfield, MA  
Vice President, Division Manager  
Responsible for profit/loss of manufacturing and architectural millwork divisions in a \$12 Million family business.

1988 - 1989 **Data General Corporation** Westboro, MA  
Manufacturing Management  
Performed a series of assignments for a high-tech computer manufacturer. Including product marketing, new product development, information systems, performance measures and supervised a staff of 40 direct labor employees in a precision sheet metal fabrication shop.

1981 - 1986 **Earl and Wright, Consulting Engineers** San Francisco, CA  
Naval Architect  
Engineering and project management experience in; design, analysis and construction for a wide variety of offshore structures for the oil industry.

1980 - 1981 **Wind Ship Development Corporation** Norwell, MA  
Naval Architect  
Developed purchasing system for vessel retrofit projects. Estimated costs and performed feasibility analyses of sail-assisted merchant vessels.

## Grants and Research

Jeffrey Blanchard, P.I., David T. Damery (Co-PI), Paul Catanzaro (Co-PI), Sustainable use of woody biomass as a renewable alternative to gasoline, Mass. Agricultural Exp. Station, 2009-2011, \$150,000

Paul Catanzaro, P.I., David T. Damery co-investigator, Economic Viability of Land Ownership in the Deerfield Watershed of western Massachusetts, New England Forestry Foundation, 2007, \$44,000

David T. Damery, P.I. Finding and Removing Barriers to sustainable harvest and primary processing of Massachusetts native woods, MA Dept. of Agricultural Resources, 2007, \$36,634

David T. Damery, P.I. Economic Impact Analysis of Regional Bioenergy Development, MA Division of Energy Resources, 2006-07, \$49,334

David T. Damery, P.I. Building Capacity to Serve Value-Added Markets for FSC Certified Locally Produced Forest Products. University of Massachusetts, Public Service Endowment Grant, July 1, 2004 – June 30, 2004, \$10,000

David T. Damery, P.I. 2004 Massachusetts Sawmill Survey and Timber Products Output. USDA Forest Service, Sept, 2004 – June, 2006, \$9,094

November 6, 2002 – June 30, 2004, Ecosystem Management through Improved Forest Products Marketing, Massachusetts Dept. of Environmental Management, David T. Damery, P.I., \$44,989

June 1, 2002 – September 30, 2002, Economic Valuation of Shellfish Industry on Cape Cod, Principal Investigator, Barnstable County Cooperative Extension, Barnstable, MA, , \$5,000

May 1, 2001 – September 30, 2001, Wood Flow Study for Southern New England, Massachusetts Dept. of Environmental Management, David T. Damery, P.I., \$5,600

August – December, 2000 Cost of Quahog Seeding on Cape Cod, Cape Cod Cooperative Extension, \$3,000

June, 1999 - June, 2000, The State of Agriculture in the Pioneer Valley, Daniel Lass and David Damery, Principal Investigators, UMass Public Service Endowment Grant, \$15,000

September, 1999 – September, 2000, Web Site Development for Northeast Center for Urban and Community Forestry, USDA Forest Service, NA-S&PF, \$8,600

July - December, 1999, Feasibility of Developing A Municipal Shellfish Hatchery on Cape Cod, Cape Cod Cooperative Extension, \$10,000

January - August, 1998, Market Research Study for Siding, Trim and Decking - Northeastern United States, Western Red Cedar Lumber Association, \$10,000

## Publications

### Refereed

Damery, David T. and Jeff Benjamin. 2008. "The Northeast Forest Bio-products Puzzle" *Forest Prod.J.* 57(11): 14-15

Damery, David T. and Susan Campbell. 2007. From Trees to Flooring: Value-Added Processing from a Non-Industrial Private Forest Improvement Harvest. *Wood Structure and Properties '06*, Arbora Publishers, Zvolen, Slovakia pp. 439-444

Damery, David T. 2007. "Landowner-Driven Sustainable Forest Management and Value-Added Processing A Case Study in Massachusetts, USA" *Journal of Sustainable Forestry* 24 (2/3): 229-243

Damery, David T., Peggi Clouston and Paul R. Fiset. 2007. "Wood science education in a changing world: A case study of the UMASS-Amherst building materials and wood technology program, 1965-2005" *Forest Prod. J.* 57(5):19-24

Peters, James S., David T. Damery, and Peggi Clouston. 2006. "A Decade of Innovation in Particleboard and Composite Materials: a content analysis of Washington State University's *International Particleboard/Composite Materials Symposium Proceedings*" *Journal of Forest Products Business Research* 3(1), viewed at: <http://www.forestprod.org/jfpbr/jfpbr-a9.asp> viewed on February 2, 2006.

J. Peters, D. Damery, and Clouston, P. 2004. "Residential timber framing as a "value-added" approach to private non-industrial forest ownership", Proceedings 8<sup>th</sup> World Conference on Timber Engineering, June 14-17, 2004, Lahti, Finland, pp. 167-170

Burnett, David T., Peggi Clouston, David T. Damery, Paul Fiset. 2003. "Structural properties of pegged timber connections as affected by end distance". *Forest Products Journal* 53(2): 50-57

Damery, David T. and Paul Fiset. 2001. "Decision-making in the Purchase of Siding: A survey of architects, contractors and homeowners in the U.S. Northeast", *Forest Products Journal*, 51(7/8): 29-36

Barten, Paul K., David Damery, et.al. 2001. "Massachusetts Family Forests: Birth of a Landowner Cooperative", *Journal of Forestry*, 99(3): 23-30

### Peer Reviewed Book Chapters

Deal, Robert L., Rachel White, Gary L. Benson, Editors, 2007, Sustainable Forestry Management and Wood Production in a Global Economy, Damery, David T., Landowner-Driven Sustainable Forest Management and Value-Added Processing A Case Study in Massachusetts, USA, p. 229-243

## Publications (continued)

Damery, David T.. "Using E-Commerce in the Forest Products Industry." The Webbook of IT Innovations in Extension, Stephan J. Goetz and Bruce DeYoung, editors. 11 March 2002. Northeast Regional Center for Rural Development. 04 April 2002.  
<http://www.cas.nercrd.psu.edu/Publications/Webbook/wbChapterDamery.htm>.

### Reviewed

Catanzaro, Paul, David T. Damery, Anthony D'Amato and Kristina Ferrare. 2008. "Economic Viability of Ownerships in the Deerfield River Watershed", UMass Extension, Amherst, MA, 31p.

Timmons, David, David Damery, Geoff Allen, and Lisa Petraglia. 2007. Energy from Forest Biomass: Potential Economic Impacts in Massachusetts. Mass. Division of Energy Resources, Boston, MA. 36p.

Damery, David T. and Jeff Benjamin. 2007. "The Northeast Forest Bio-products Puzzle", Forest Prod. J. 57(11): 14-15

Damery, David T. 2006. "Aquaculture Marketing Handbook: Book Review", Fisheries, 31 (10): 516

Damery, David T. 2006. "Engineered Wood Products: Building the Future" Forest Products Journal. 56(7/8): 14-15

Damery, David T. 2006. "Housing Within Reach: Innovations in Affordable Housing" Forest Products Journal. 56(6): 9-10

Damery, David T., Curt Bellemer, and Gordon Boyce. 2006. Massachusetts Directory of Sawmills and Dry Kilns, 2006. Dept. of Conservation and Recreation, Boston, MA. 52 p

Damery David T. and Brian C.P. Kane. 2005. "Urban Wood Waste: Maximizing Log Value for the Sawmill Market". Arborist News, 14(3): 44-46

Damery, David. 2004. "Northeast Section Discussed Opportunities in Wood Thermoplastic Composites", Forest Products Journal, 54(7/8): 4-5

Damery, David. 2004. " Why OSB Prices Went Over the Top", Journal of Light Construction, 22(4): 19,24

Damery, David, Jay Healy, Susan Campbell and Arthur Eve. 2004. "The Massachusetts Woodlands Cooperative: Poised for Expansion" The Woodland Steward 32(6): 4-5  
Hanson, Ken. 2004. "Wood Machining Technology:", edited by David Damery, a 12 part article series appearing in Wood Digest. September, 2003 – August, 2004

Damery, David. 2003. "Innovations in Wood Construction was the topic of Northeast Section Annual Meeting", Forest Products Journal, 53(9): 4

## **Publications** (continued)

Fisette, Paul and David Damery. 2003. "Getting Contractor Discounts". *Journal of Light Construction*. 21(6): 77-81

Hanson, Ken. 2003. "Wood Structure and Properties:", edited by David Damery, a 12 part article series appearing in *Wood Digest*. September, 2002 – August, 2003

Damery, David T. and Gordon Boyce. 2003. Massachusetts Directory of Sawmills & Dry Kilns – 2003, Dept. of Conservation and Recreation, Boston, MA

Damery, David T. and Arthur Eve. 2001. "Whose Woods Are These?", Cooperative Life, Summer, 2001, pp. 8-9

Holm, David, Daniel Lass, Richard Rogers, and David Damery. 2001. "Agriculture's Hold on the Commonwealth", Massachusetts Dept. of Food and Agriculture and the University of Massachusetts, Amherst, MA

Holm, David, Daniel Lass, Richard Rogers, and David Damery. 2000. "Agriculture's Hold on the Commonwealth", Executive Summary, The Donahue Institute, University of Massachusetts, Amherst, MA

Damery, David, Holm, David, Daniel Lass, and Richard Rogers. 2001. "Food Marketing and Lumber Processing in Massachusetts, 1958-1997", Mass. Dept. of Food and Agriculture and the University of Massachusetts, Amherst, MA

Holm, David, Daniel Lass, Richard Rogers, and David Damery. 2001. "Case Studies of Farm and Forestry Community-Based Programs", Mass. Dept. of Food and Agriculture and the University of Massachusetts, Amherst, MA

Damery, David, 2001, "College Construction Programs", *Journal of Light Construction*, 19(6): 30

Damery, D.T., 1999, "Web Information Resources for Remodelers", *Qualified Remodeler*, Aug: 48-49

Damery, D.T., 1998, "Creating Your Website: Tips for Success". *The Lumber Co-operator*, 82(11): 34-35,37

Damery, D.T., 1998, "Building Materials Technology and Management Students in Demand". *Counselor's Notebook*, 35(2): 19

Damery, D.T., 1996, "UMass Expands Building Materials Program". *The Lumber Co-operator*, 80(11): 34-36

### Proceedings

Benjamin, Jeff and Dave Damery, editors. 2007. "The Northeast Forest BioProducts Puzzle Proceedings", Oct 18-19, Bangor, ME, Forest Bioproducts Res. Initiative. pp. 328

## Publications (continued)

Damery, David T. & Paul R. Fiset. 2005. "Wood Science in an Interdisciplinary Building Materials Curriculum". Wood Science – Education & Research Programmes 04. Proceedings of the International Symposium held August 16-20, 2004. Stara Lesna, Slovakia. Arbora Publishers. Zvolen, Slovakia p. 47-66

Damery, David T. 2005. "Forest Certification and Wood Products: Economics, Consumption and Conservation Options" lecture and Presentation in CD-1 Sustainable

Forest Management in the Northeastern United States: A Seminar Series, Spring, 2005, Research in Presentation Production for Learning Electronically, Dept. of Computer Science, Umass-Amherst

Damery, D.T., 2002, "Local Markets for Wood Products", Wood Technology Clinic and Show, Portland, OR, March 20-22, 2002

Damery, D.T., 2002, "Log Supply – Dealing with Small Forest Landowner Cooperatives", Wood Technology Clinic and Show, Portland, OR, March 16, 2001

Damery, D.T., 2001, "The Market for Decking in the U.S. Northeast: A Survey of Architects, Contractors and Homeowners", Wood Technology Clinic and Show, Portland, OR, March 16, 2001

### Abstracts

Damery, David T., Yuxi Zhao, and Lava Yadav. 2008. "Finding and Removing Barriers to Sustainable Harvest and Primary Processing in Massachusetts", Biographies and Abstracts, 62<sup>nd</sup> International Convention, Forest Products Society: 4-5

Damery, David T., David Timmons, P.Geoffrey Allen, Lisa Petraglia. 2008. "Economic Impact Analysis of Massachusetts Bioenergy Development", Biographies and Abstracts, 62<sup>nd</sup> International Convention, Forest Products Society: 9

Damery, D.T., S. Campbell, and A. Eve. 2007. "Developing a Chain-of-Custody Group for Marketing Certified Forest Products", Biographies & Abstracts, Forest Products Society, 61<sup>st</sup> International Convention, June 10-13, 2007, Knoxville, TN, p. 9

Damery, D.T. , Campbell, S.: "From trees to flooring: value-added processing from a non-industrial private forest improvement harvest", Proceedings of Abstracts of the 5<sup>th</sup> International Symposium: Wood Structure and Properties -06, Sept 3-6, 2006, Sliac-Sielnica, Slovakia

Olson, K.A., D. Odonkhuu, D. Damery, T.K. Fuller and G.B. Schaller. 2005. Subsistence Hunting of Mongolian Gazelles in Eastern Mongolia: Implications for Sustainable Management, IX International Mammalogical Conference, Sapporo Hokkaido, Japan, July 31-August 5, 2005. P. 99

## **Publications** (continued)

Damery, David T. and James S. Peters. 2005. "Ecosystem Management Through Improved Forest Products Marketing", Biographies and Abstracts, Forest Products Society 59<sup>th</sup> International Convention, June 19-22, 2005, Quebec City, QC, Canada p. 11

Damery, David T. and Susan Campbell. 2005. "Harvesting and Processing with the End-Use in Mind: A Case Study of Value-Added Processing of Small-Diameter Black Locust", Biographies and Abstracts, Forest Products Society 59<sup>th</sup> International Convention, June 19-22, 2005, Quebec City, QC, Canada p. 19

Damery, D.T. 2005. "Massachusetts Woodlands Cooperative, LLC: Landowner-driven sustainable forest management and value-added processing. The International Forestry Review Vol. 7 (5) August, 2005. p. 232

Damery, D.T. and Geoffrey P. Allen. 2004. "An Economic Valuation of Recreational Shellfishing on Cape Cod" Agricultural and Natural Resource Economics Abstracts, Working Paper Series 4(29) December 10, 2004

Clouston, Peggi, David T. Damery and James S. Peters, "A Decade of Technology Innovation in Particleboard and Composite Materials". June, 2003. Abstracts. Forest Products Society, 57<sup>th</sup> Annual Meeting, Bellevue, WA. P. 18

Damery, David T., "Green Certification and the NIPF Timber Supply", Abstracts, Forest Products Society, 55<sup>th</sup> Annual Meeting, June, 2001, Baltimore, MD, p. 13

Damery, D.T. & Dr. David Bloniarz, "Matching Wood Waste Sources and Uses", Abstract, Wood Waste Utilization National Conference, National Arbor Day Fdn., May 4-5, 2000, Nebraska City, NE

Damery, D.T., "Lumber Price Forecasting Using Time-Series Methods", Abstract, Forest Products Society, 54<sup>th</sup> Annual Meeting, June 20, 2000, South Lake Tahoe, Nevada

Damery, D.T. & Paul Fiset, "Decision-making in the Purchase of Siding, Trim & Decking", Abstract, Forest Products Society, 54<sup>th</sup> Annual Mtg, June 20, 2000, So. Lake Tahoe, NV

Damery, D.T., 1998, "Maine's Clearcut Referendum: A Natural Resource Economics Perspective". Who Owns America? II, June 6, 1998, Madison, Wisconsin.

Damery, D.T., 1998, "Developing A Paperless Classroom: Fundraising Through Instruction". ITC 98 UMass Instructional Technology Conference, April 16, 1998, Boxborough, MA.

Damery, D.T., 1997, "Marketing Building Materials on the Internet". Forest Products Society 1997 Annual Meeting, Electronic Information and Communication Technical Interest Group, June 26, 1997, Vancouver, B.C. Canada.

## **Publications** (continued)

### Technical Reports

Catanzaro, Paul, David T. Damery, Anthony Damato. 2008. Economic Viability of Ownerships in the Deerfield River Watershed. UMASS Extension, 31p.

Timmons, David, David Damery, Geoff Allen, and Lisa Petraglia. 2008. Energy from Forest Biomass: Potential Economic Impacts in Massachusetts. Mass. Div. of Energy Resources. 36p.

Timmons, David, Geoff Allen, David Damery. 2008. Biomass Energy Crops: Massachusetts Potential. Mass. Div. of Energy Resources. 20p.

Damery, David T., Lava Yadav, and Yuxi Zhao. 2008. Finding and Removing Barriers to Sustainable Harvest and Primary Processing of Massachusetts Native Woods, <http://www.ams.usda.gov/AMSV1.0/getfile?dDocName=STELPRDC5070166>, USDA Agricultural Marketing Service. 52p.

## **Workshops, Conferences & Seminars**

June 2, 2007, Invited Speaker, “Cooperative, Collaborative, CSA Projects”, E4 Conference & Expo 2007, Exploring Your Woodland Opportunities, Plymouth, NH, 20 attendees

February 15, 2007, Invited Speaker, “Trends in the Massachusetts Sawmill Industry”, Society of American Foresters, Yankee Division, Winter Conference, Enfield, CT, 120 attendees

February 15, 2007, Invited Speaker, “Massachusetts Woodlands Cooperative: A Model for organizing private landowners”, Society of American Foresters, Yankee Division, Winter Conference, Enfield, CT, 120 attendees

November 6, 2005, Invited Speaker, “Resource Economics for a Local Forest Economy”, Fostering a Local Forest Economy, Ashfield, MA, 100 attendees.

February 28, 2005, Invited Speaker, “Forest Certification and Wood Products” Sustainable Forest Management in the NE US: A Seminar Series, Amherst, MA, 25 attendees.

February 26, 2005, Invited Speaker, “Better Wood Waste Management: Don’t Throw Money Away”, Massachusetts Arborists Association Meeting, Wayland, MA, 125 attendees

February 17, 2005, Invited Speaker, “Managing Wood Waste”, Workshop for UMASS Landscaping, Amherst, MA, 25 attendees.

March 22, 2004, Invited Speaker, “Economic Value of Recreational Shellfishing to Cape Cod”, Southeastern Massachusetts Aquaculture Council, Pocasset, MA, 20 attendees

## **Workshops, Conferences & Seminars (continued)**

January 8, 2004, Invited Speaker, "A Primer on Marketing", Southeastern Massachusetts Aquaculture Council, Barnstable, MA, 20 attendees

November 2, 2002, Invited Speaker, "How to Organize a Forest Cooperative" Cooperative Forestry Conference, Northampton, MA

October 25, 2002, Workshop Organizer/Presenter, "Forest Products Marketing", Mount Wachusett Community College, Gardner, MA

March 20-21, 2002, Invited Speaker, "Local Markets for Wood Products" and "Log Supply – Dealing with Small Forest Landowner Cooperatives", Wood Technology Clinic and Show, Portland, OR

May 24, 2001, Invited Speaker, "Storm Waste Management", Tree Health and Safety Stormproofing Your Community, Portsmouth, NH

March 16, 2001, Invited Speaker, "The Market for Decking in the U.S. Northeast: A Survey of Architects, Contractors and Homeowners", Wood Technology Clinic and Show, Portland, OR

March 23, 2000, Conference Chair, "Wood Products Performance in Energy Efficient Housing", Forest Products Society, Northeast Section, Annual Meeting and Conference, University of Massachusetts, Amherst, MA

January 21, 1999, Workshop Organizer/Speaker, "User Friendly Estimating Software For Lumber Dealers", Massachusetts Retail Lumber Dealers Assn., Holyoke Community College, Holyoke, MA

September 22, 1998, Invited Speaker, "Remodeling and the Internet", National Association of the Remodeling Industry, Western Mass. Chapter, Section Meeting, Springfield, MA

April 18, 1998, Invited Speaker, "Keys To Designing A Successful Retail Lumber Website", Northeastern Young Lumber Execs, Spring Leadership Conference, Providence, RI

March 19, 1998, Workshop Organizer/Speaker, "Good Things Come in Small Packages, Low cost software for Lumber and Building Materials Retailers", Mass. Bay Community College, Wellesley, MA

October 14, 1997 Invited Speaker, Producing and Using Wood Waste: Challenges and Opportunities, "Information Resources For Wood Products Industries: The Valuable Role of the Internet. Knoxville, TN

June 10, 1997 Invited Session Leader, "The Market for Timber Bridges", Mt. Wachusett Comm. College, Timber Bridge Workshop. Gardner, MA

April 11, 1997 Invited Presenter, "How to Access, Use, and Benefit from the Internet",  
Northeastern Young Lumber Execs, Spring Leadership Conference, Rensselaer, NY

July, 31, 1996 Invited Panel Member, US Dept. of Housing and Urban Development,  
Neighborhood Networks Conference, "Recycling Computers for Economic  
Development", with Marlene Archer. Boston, MA

## **Awards received**

Forest Products Society - Excellent Student Chapter Performance 06-07 (Faculty  
Advisor)

Forest Products Society – Outstanding Student Section 04-05, 05-06 (Faculty Advisor)

Forest Products Society – Outstanding Section Performance, Northeast, 06-07, 02-03,  
01-02

Forest Products Society – Excellent Section Performance, Northeast 2003-04

Excellence in Advising – College of Food and Natural Resources, 2001

Beta Gamma Sigma - Business honorary society.

National Honor Society

## **Professional Service**

### Ad Hoc Reviewer

Forest Products Journal

Journal of Sustainable Forestry

Fisheries

### Professional Affiliations

International Forest Products Society, Board of Directors, 2006-09

IUFRO, Scientific Committee, of the 5<sup>th</sup> International Symposium, Wood Structure and  
Properties '06, Sliac-Sielnica, Slovakia, Sept 3-6, 2006

Forest Products Society– Chair, Secretary, Northeast Section, 2006-07

Northeastern Retail Lumber Association - Northeast Young Lumber Executives Liaison

Massachusetts Woodlands Cooperative, LLC – Board of Directors

## **Languages**

French: conversational

## **Community activities**

Greenfield Savings Bank - Trustee