

## ROBERT L. RYAN

Dept. of Landscape Architecture and Regional Planning  
109 Hills North  
University of Massachusetts  
Amherst, MA 01003-4010  
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**EDUCATION:**      **Ph.D. in Natural Resources and Environment**

Environment and behavior concentration  
University of Michigan, Ann Arbor, 1997

**Master's of Landscape Architecture**

University of Michigan, Ann Arbor, 1995

**Master's of Urban Planning**

University of Michigan, Ann Arbor, 1995

**Bachelor of Science-Landscape Architecture**

California Polytechnic State University  
San Luis Obispo, California  
1985 (Summa Cum Laude)

**TEACHING EXPERIENCE:**

2011-present	<b>Professor</b>
2004-2011	<b>Associate Professor</b>
1998-2004	<b>Assistant Professor</b> , University of Massachusetts, Amherst Department of Landscape Architecture and Regional Planning <u>Courses</u> <i>Landscape Planning Studio II</i> <i>Research Issues in Landscape Architecture and Regional Planning</i> <i>People and the Environment Seminar</i> <i>Sustainable Green Infrastructure Planning and Design</i> <i>Landscape Planning Studio VII (BSLA curriculum)</i>
1/97 to 5/98	<b>Adjunct Lecturer</b> , University of Michigan School of Natural Resources & Environment, Landscape Architecture Program <i>Construction Materials and Methods Course</i>

## **RESEARCH PROJECTS:**

- 2013-2016            **National Science Foundation**  
Project: Pathways: From the Lab to the Neighborhood: An Interactive Living Exhibit for Advancing STEM Engagement with Urban Systems in Science Museums  
Principal investigator: Robert Ryan  
Co-principal investigators: Paige Warren, Colin Polsky, Eric Strauss, Elizabeth Loring  
Amount: \$249,999
- 2012-2016            **Massachusetts Center for Agriculture, Integrated Research and Extension Project, MA. Ag. Experiment Station**  
Project: Understanding the Factors that Influence Outdoor Residential Water Conservation: A Case Study in Suburban Boston  
Principal investigator: Robert Ryan  
Co-principal investigators: Allison Roy, Anita Milman, Craig Nicolson, Paige Warren, Mary Owen, Michael Davidsohn, Michael DiPasquale  
Amount: \$109,975
- 2011-2015            **National Science Foundation**  
IGERT: Offshore Wind Energy Engineering, Environmental Science, and Policy  
Principal investigator: Erin Baker  
Co-principal investigators: Curtice Griffin, Elisabeth Hamin, Frances Juanes, and Jon McGowan  
Faculty participant: Robert L. Ryan (and others)  
Amount: \$3,200,000
- 2010-2012            **National Science Foundation**  
Project: Boston Metropolitan Area ULTRA: Exploring past, current and future socio-ecological dynamics in a founding city.  
Principal investigator: Paige Warren  
Co-principal investigators: Eric Strauss, Robert L. Ryan, Craig Nicholson, and Colin Polsky  
Amount: \$299,471  
Web-page: [www.umass.edu/urbaneco](http://www.umass.edu/urbaneco)
- 2010                    **MA Department of Conservation and Recreation**  
Project: DCR Heritage Landscape Atlas- Phase 2  
Amount: \$18,000
- 2009                    **MA Department of Conservation and Recreation**  
Project: Development of DCR Heritage Landscape Atlas  
Co-Principal Investigator: Elizabeth Brabec, Henry Renski.  
Amount: \$15,000

- 2008-2011      **Massachusetts Agricultural Experiment Station-  
Hatch Grant- Special Call for Interdisciplinary Hatch Funding**  
Project: Re-gaining Ground: Seeking sustainable solutions to  
suburbanization and loss of open space in southern New England  
Principal investigator: Paige Warren  
Co-principal investigators: Robert L. Ryan, Jack Ahern, Timothy  
Randhir, Matthew Kelty, and David Bloniarz  
Amount: \$75,000
- 2008-2011      **Massachusetts Agricultural Experiment Station-  
Hatch Grant**  
Project: Understanding and assessing the functions of open space  
in the changing New England landscape.  
Principal investigator: Elizabeth Brabec  
Co-principal investigators: Robert L. Ryan
- 2008-2009      **Town of Bolton, Massachusetts**  
Project: Village Center Planning Study  
Amount: \$4,950
- 2007-2011      **USDA Forest Service, North Central Research Station  
Cooperative Agreement**  
Project: Understanding the Extent of Community Preparedness  
after Participation in the National Fire Plan Grant Programs: Part II  
Co-Principal Investigator: Elisabeth Hamin  
Amount: \$75,000
- 2007-2008      **MA Department of Conservation and Recreation**  
Project: Massachusetts DCR Greenways and Trail Program-  
Commonwealth Connections  
Amount: \$14,857
- 2007-2008      **Arc of Innovation, Metrowest- 495 Partnership**  
Project: Green Infrastructure Plan  
Principal Investigator: Elisabeth Hamin  
Co-Principal Investigator: Robert Ryan  
Amount: \$12,000
- 2006-2007      **Island Alliance/ National Park Service**  
Project: Boston Harbor Islands National Park Area  
Scenic Analysis and Assessment: A Pilot Study  
Amount: \$10,214
- 2005-2008      **USDA Forest Service, North Central Research Station  
Cooperative Agreement**

- Project: Understanding the Extent of Community Preparedness after Participation in the National Fire Plan Grant Programs: Part I  
Co-Principal Investigator: Elisabeth Hamin  
Amount: \$75,000
- 2004-2005      **USDA Forest Service, North Central Research Station  
Cooperative Agreement**  
Project: Social Science to Improve Fuels Management: Synthesis Research on Landscape Aesthetics.  
Amount: \$19,000
- 2004-2006      **USDA Forest Service, North Central Research Station  
Cooperative Agreement**  
Project: Restoration Efforts in the Aftermath of Wildland Fire: Stakeholders' Perceptions of Restoration Efforts in the Western United States.  
Co-Principal Investigator: Elisabeth Hamin  
Amount: \$60,000
- 2003-2004      **Town of Amherst, Massachusetts**  
Project: Comprehensive Plan-Land Use and Open Space Studies  
Amount: \$5,000
- 2003-2004      **Public Service Endowment Grant**  
University of Massachusetts, Amherst  
Project: Protection of the Mt. Tom and Mt. Holyoke Range  
Amount: \$5,100
- 2002-2006      **USDA Forest Service, North Central Research Station**  
Project: Community Perceptions of Wildland Fire Risk and Hazard Reduction Strategies at the Wildland-Urban Interface in the Northeastern United States.  
Amount: \$33,745
- 2002-2008      **Massachusetts Agricultural Experiment Station-Hatch Grant**  
Project: The Role of Place Attachment in Promoting Land Protection and Stewardship in Rural New England.  
Amount: \$40,000 (appx.)
- 2002-2003      **Dept. of Veterinary and Animal Sciences  
University of Massachusetts**  
Project: Hadley Farm Landscape Master Plan  
Amount: \$9,800
- 2001-2006      **Massachusetts Agricultural Experiment Station-**

**Hatch Grant**

Project: Opportunities and Constraints for Interstate Greenway Planning in New England

Co-Principal investigator with Julius Fabos and Mark Lindhult  
Amount: \$40,000 (appx.)

2001-2003

**Commonwealth of Massachusetts**

**Executive Office of Environmental Affairs**

Connecticut River Watershed Five-Year Action Plan  
Amount: \$24,390

2002

**Commonwealth of Massachusetts**

**Executive Office of Environmental Affairs**

Farmington River Watershed, Road Salt Study  
Amount: \$6,000

2000-2001

**Great Meadows Conservation Trust**

Project: Study of the Great Meadows of the Connecticut River  
Amount: \$10,120

2000-2001

**Healey Endowment Grant**

University of Massachusetts, Amherst

Project: Preserving Rural Character: Exploring Attitudes toward Innovative Residential Development  
Amount: \$9,850

1999-2002

**Massachusetts Agricultural Experiment Station-  
Hatch Grant**

Project: Preserving New England's Rural Character in the Face of New Residential Development: Local Residents' Perceptions  
Amount: \$21,600

1999-2000

**Town of West Brookfield, Massachusetts**

Project: West Brookfield Stormwater Management Plan  
Co-Principal investigator with Jack Ahern  
Amount: \$11,989

1996

**Rackham Graduate School, University of Michigan**

**Rackham Spring/Summer Research Grant**

Subject: River Raisin Watershed, Woodlot Owner Survey  
Amount: \$2,500

**PROFESSIONAL EXPERIENCE:**

1987-present

**Professional Landscape Architect**

Registration #2781, State of California

4/94 to 9/94	<u>Pollack Design Associates</u> Landscape Architects, Ann Arbor, MI
5/93 to 9/93	<u>Carlisle Associates, Inc.</u> Town planning consultants, Ann Arbor, MI
8/90 to 7/92	<u>P&amp;D Technologies</u> Multi-disciplinary firm, San Diego, CA
7/85 to 8/90	<u>Kawasaki, Theilacker, Ueno, and Associates (K.T.U.+A.)</u> Landscape Architect and Planners, San Diego, CA
6/84 to 9/84	<u>R. Dale Hadfield and Associates</u> Landscape Architects, Monrovia, CA

## **PUBLICATIONS:**

### **Refereed Articles**

- Ryan, R.L. 2015. The transformative power of engaging in urban greening projects. *Cities and the Environment* 8 (1): Article 6, 1-19.
- Danford, R.S., C. Cheng, M.W. Strohbach, R. Ryan, C. Nicolson, and P.S. Warren. 2014. What Does It Take to Achieve Equitable Urban Tree Canopy Distribution? A Boston Case Study. *Cities and the Environment*, 7 (1): Article 2.
- Ryan, R. L. 2012. The influence of landscape preference and environmental education on attitudes toward wildfire management in the Northeast pine barrens (USA). *Landscape and Urban Planning* 107 (1): 55-68.
- Bihari, M. and R.L. Ryan. 2012. Influence of social capital on community preparedness for wildfires. *Landscape and Urban Planning*. 6 (3): 253-261
- Bihari, M., Hamin, E. M. and Ryan, R. L. (2012). Understanding the role of hazard planners in wildfire preparedness and mitigation. *ISRN Forestry*, 2012 (253028):1-12.
- Warren, P., R.L. Ryan, S. Lerman, and K.A. Tooke. 2011. Social and institutional factors associated with land use and forest conservation along two urban gradients in Massachusetts. *Landscape and Urban Planning*. 102 (2): 82-92.
- Ryan, R. L. 2011. The social landscape of planning: Integrating social and perceptual research with spatial planning information. *Landscape and Urban Planning*, 100 (4): 361-363.
- Lokocz, E., R. L. Ryan, and A.J. Sadler. 2011. Motivations for land protection and stewardship: Exploring place attachment and rural landscape character in Massachusetts. *Landscape and Urban Planning*, 99 (2): 65-76.
- Ryan, R.L. 2010. Local residents' preferences and attitudes toward creating defensible space against wildfire in the Northeast pine barrens. *Landscape Journal*, 29 (2): 199-214.
- Ryan, R.L. and E.M. Hamin. 2009. Wildland-urban inner-face communities response to salvage logging. *Western Journal of Applied Forestry*, 24 (1): 36-41.

- Ryan, R.L. and E.M. Hamlin. 2009. Wildfires, communities and agencies: Stakeholders' perceptions of post-fire rehabilitation and restoration. *Journal of Forestry*, 106(7): 370-379.
- Ryan, R.L. and M.B. Wamsley. 2008. Public perceptions of wildfire risk and forest management in the Central Pine Barrens of Long Island (USA). *Australasian Journal of Disaster and Trauma Studies*. 2008(2).
- Walker, A. and R.L. Ryan. 2008. Place attachment and landscape preservation in rural New England: A Maine case study. *Landscape and Urban Planning* 86: 141-152.
- Blanchard, B. and R.L. Ryan. 2007. Managing the wildland-urban interface in the Northeast: Perceptions of fire risk and hazard reduction strategies. *Northern Journal of Applied Forestry* 24 (3): 203-208.
- Ryan, R.L. 2006. Planning residential development that preserves New England's rural character: Comparing the attitudes of local residents, planners, and developers. *Landscape and Urban Planning* 68(1-2): 5-22.
- Ryan, R. L., J.G. Fabos, and J.J. Allan. 2006. Understanding opportunities and challenges for collaborative greenway planning in New England. *Landscape and Urban Planning* 76(1-4): 172-191.
- Fabos, J.G. and R.L. Ryan. 2006. An introduction to greenway planning around the world. *Landscape and Urban Planning* 76(1-4):1-6.
- Ryan, R.L. 2005. Exploring the effects of environmental experience on attachment to urban natural areas. *Environment and Behavior* 37:3-42.
- Fabos, J.G. and R.L. Ryan. 2004. International greenway planning: An introduction. *Landscape and Urban Planning* 68 (2-3): 143-146.
- Ryan, R. L. and J. T. Hansel Walker. 2004. Protecting and managing private farmland and public open spaces in the urban fringe: Lessons for greenway implementation. *Landscape and Urban Planning* 68 (2-3): 183-198.
- Ryan, R.L., D.L. Erickson, and R. DeYoung. 2002. Farmers' motivations for adopting conservation practices along riparian zones in a Midwestern agricultural watershed. *Journal of Environmental Planning and Management* 46 (1): 19-37.
- Ryan, R. L. 2002. Preserving rural character in New England: Local residents' perceptions of alternative residential development. *Landscape and Urban Planning* 61: 19-35.
- Ryan, R.L., J. Fabos, and M.S. Lindhult. 2002. Continuing a planning tradition: The New England greenway vision plan. *Landscape Journal* 21 (1):164-172.
- Erickson, D. L., R. L. Ryan, and R. DeYoung. 2002. Woodlots in the rural landscape: Landowner motivations and management attitudes in a Michigan case study. *Landscape and Urban Planning*, 58: 101-112.
- Ryan, R.L., R. Kaplan, and R.E. Grese. 2001. Predicting volunteer commitment in environmental stewardship programmes. *Journal of Environmental Planning and Management* 44 (5): 629-648.
- Ryan, R. L. 1998. Local perceptions and values for a Midwestern river corridor. *Landscape and Urban Planning*. 42: 225-237.

## **Books**

- Kaplan, R., S. Kaplan, and R. L. Ryan. 1998. *With People in Mind: Design and Management of Everyday Nature*. Washington, DC: Island Press.

## Book Chapters

- Ryan, R.L. and J. Buxton. 2015. Applying RPM to urban greening projects: Insights from the inner city. In Kaplan, R. and Basu, A. (Eds.), *Fostering reasonableness: Supportive environments for bringing out our best*. Ann Arbor: Michigan Publishing (Maize Books). pp. 176-193.
- Ryan, R.L. 2012. Ch. 7. Site Design: Human Health and Well-being. In Calkins, M. (ed.), *The Sustainable Sites Handbook*. Hoboken, NJ: John Wiley & Sons.
- Ryan, R.L. 2008. Understanding the role of environmental designers in environmental restoration and remediation. In France, R. (ed.), *Healing Nature, Repairing Relationships: New Perspectives on Restoring Ecological Spaces and Consciousness*. Sheffield, VT: Green Frigate Books. Pp. 199-217
- Ryan, R. L. and A. Bergeron. 2007. Natural land: Preserving and funding open space. In Hamin, E., Geigis, P., and Silka, L. (Eds.), *Preserving and Enhancing Communities: A Guide for Citizens, Planners, and Government Officials*. Amherst: University of Massachusetts Press. Pp. 133-150.
- Ryan, R.L. 2006. The role of place attachment in sustaining urban parks. In Platt, R. (ed.), *The Humane Metropolis: People and Nature in the Twentieth Century City*. Washington, DC: Island Press. Pp. 61-74.
- Ryan, R.L. and R.E. Grese. 2005. Urban volunteers and the environment: Forest and prairie restoration. In Barlett, P. (Ed.), *Urban Place: Reconnecting to the Natural World*. Cambridge, MA: MIT Press. Pp. 173-188.
- Ryan, R.L. 2000. Attachment to urban natural areas: A people-centered approach to designing and managing restoration projects. In Gobster, P. & Hull, B.V. (eds.), *Restoring Nature: Perspectives from the Social Sciences and Humanities*. Washington, DC: Island Press. pp. 209-228.
- Grese, R., R. Kaplan, R. L. Ryan, and J. Buxton. 2000. Psychological benefits of volunteering in stewardship programs. In Gobster, P. & Hull, B.V. (eds.), *Restoring Nature: Perspectives from the Social Sciences and Humanities..* Washington, DC: Island Press. pp. 265-297.

## Book reviews

- Ryan, R. L. 2003. Book review: Human ecology: Following nature's lead by Frederick Steiner. *Landscape and Urban Planning* 66: 57-59
- Ryan, R. L. 1998. Book review: Magnetic Los Angeles: Planning the twentieth-century metropolis by Greg Hise. *Landscape Journal*. 17(1): 88-89.
- Ryan, R. L. 1997. Book review: The complete playground book by Arlene Brett, Robin C. Moore, and Eugene F. Provenzo, Jr., *Journal of Environmental Education*. 28(2):45-46.

## Other publications

- Ryan, R.L., P. S. Warren, C. Nicolson, C. Cheng, R. Danford and M. Strohbach. (2014) Scenario Planning for the Boston Metropolitan Region: Exploring Environmental



- and Social Implications of Alternative Futures. *Land. Arch. China* ([http://www.la-bly.com/news/show\\_news.aspx?news\\_id=163](http://www.la-bly.com/news/show_news.aspx?news_id=163)).
- Ryan, R.L. and E. Hamin. 2006. Engaging communities in post-fire restoration: Forest treatments and community-agency relations after the Cerro Grande Fire. In McCaffrey, S. (Ed.), *The Public and Wildland Fire Management: Social Science Findings for Managers*. General Technical Report, NRS-1. Newtown Square, PA: USDA Forest Service, Northern Research Station. Pp. 87-96.
- Ryan, R.L., M.B. Wamsley, and B.P. Blanchard. 2006. Perceptions of wildfire threat and mitigation measures by residents of fire-prone-communities in the Northeast: Survey results and wildland fire management implications. In McCaffrey, S. (Ed.), *The Public and Wildland Fire Management: Social Science Findings for Managers*. General Technical Report, NRS-1. Newtown Square, PA: USDA Forest Service, Northern Research Station. Pp. 11-17.
- Ryan, R.L. 2005. *Social Science to Improve Fuels Management: A Synthesis on Aesthetics and Fuels Management*. General Technical Report NC-261. St. Paul, MN: USDA Forest Service, North Central Forest Experiment Station.
- Ryan, R. L., Fabos, J.G., Lindhult, M.S. and Allan, J.J. 2004. Collaborative greenway planning in New England and Eastern Canada. *Landscapes/Paysages*, 6 (1) (Winter), 7-20.
- K.D. Barton and R.L. Ryan. 2004. Childhood memories may play a positive role in restorative garden design for Alzheimer's care facilities. *Research Design Connections*. 3 (2): 10-11.
- Ericson, E., W. Fletcher, M. Maxwell, K. Montagu, E. Padjen, R. Ryan, and J. Zeisel. 2002. Body-building: Buildings, health, and well-being. *Architecture Boston*, 5(3): 8-16.
- Ryan, R. L. and B. Blanchard, eds. 2002. *Connecticut River Watershed Five-Year Action Plan for the Massachusetts Section of the Watershed*. Report prepared for the Massachusetts Executive Office of Environmental Affairs, Massachusetts Watershed Initiative. Amherst, MA: Department of Landscape Architecture and Regional Planning, University of Massachusetts.
- Ryan, R. L. and M.J. Mattos, eds. 2002. *The Farmington River Watershed Road Salt Review*. Report prepared for the Massachusetts Executive Office of Environmental Affairs, Massachusetts Watershed Initiative. Amherst, MA: Department of Landscape Architecture and Regional Planning, University of Massachusetts.
- Ryan, R. L. and J.T. Hansel, eds. 2001. *Great Meadows of the Connecticut River: A Review of its Resources and Recommendations for its Protection and Preservation*. Report sponsored by the Great Meadows Conservation Trust of Rocky Hill, Glastonbury, and Wethersfield, CT. Amherst, MA: Department of Landscape Architecture and Regional Planning, University of Massachusetts.
- Ryan, R. L. and M. Lindhult. 2000. Knitting New England together: A recent greenway plan represents landscape planning on a vast scale. *Landscape Architecture* 90 (Feb.): 50-55.
- Taufest, M., J. Ahern, and R. L. Ryan. 1999. *A Five-Year Stormwater Management Plan for West Brookfield, MA*. Report prepared for West Brookfield Conservation Commission. Amherst, MA: Department of Landscape Architecture and Regional Planning, University of Massachusetts.

- Ryan, R. L. 1997. *Attachment to urban natural areas: Effects of environmental experience*. Unpublished doctoral dissertation, University of Michigan, Ann Arbor, MI.
- Ryan, R.L. 1995. *Perceptual river corridors: Understanding environmental preference in America's countryside*. Unpublished master's thesis, University of Michigan, Ann Arbor, MI.

### **Conference Proceedings (Refereed Papers)**

- Ryan, R.L., Warren, P.S., Nicolson, C, Cheng, C., Danford, R., and Strohbach, M. 2013. Scenario planning for the Boston metropolitan region: Exploring environmental and social implications of alternative futures. In Fábos, J.G., Ryan, R.L., Lindhult, M., & Jacknin, M. (Eds). *Proceedings of 4th Fábos Conference on Landscape and Greenway Planning 2013: Pathways to Sustainability*. University of Massachusetts, Amherst, April 12-13, 2013. Pp. 74-80.
- Ryan, R.L., P. Warren, S. Lerman, K. Taylor, and E. Strauss. 2010. Planning for change in the Boston Metropolitan Area (USA): Exploring the relationship between urban greening and socio-economic processes In *3<sup>rd</sup> Fabos International Greenway and Landscape Planning Conference Proceedings*. Budapest, Hungary. July 8-10, 2010.
- Ryan, R.L., J. G. Fabos, M.S. Lindhult, and J.J. Allan. 2003. Greenway planning across the political edge: Lessons in collaboration from New England and southern Canada In *40th International Federation of Landscape Architects Proceedings*. Calgary, Canada. May 26-29, 2003.
- Blanchard, B. and R. L. Ryan. 2003. Community perceptions of wildland fire risk and hazard reduction strategies at the wildland-urban interface in the northeastern United States. In *Proceedings of the 15th Annual Northeast Recreation Research Symposium*. Bolton Landing, NY. April 6-8, 2003. (non peer-reviewed).
- Ryan, R. L., J. Fabos, A. Csemez, J. Machado, and A. Toccolini. 2001. Balancing culture and nature through greenway planning. In *American Society of Landscape Architects Annual Meeting Proceedings (held in conjunction with Canadian Society of Landscape Architects)*. Montreal, Canada. Sept. 21-25.
- Ryan, R. L. and J. Hansel. 2001. Creating recreation partnerships on private agricultural and forest land in the urban Northeast: A case study from the Great Meadows of the Connecticut River. In *Proceedings of the 13th Annual Northeast Recreation Research Symposium*. Bolton Landing, NY. April 1-3, 2001. (non peer-reviewed).
- Fabos, J., M. Lindhult, and R.L. Ryan. 1999. Making the connections: A vision plan for New England Greenways. In *American Society of Landscape Architects: Centennial Meeting Proceedings*. Boston, MA. Sept. 11-16, 1999. pp. 315-319.

### **Conference Proceedings (Peer-Reviewed Abstracts)**

- Argo, E., Roy, A.H. and Ryan, R.L. 2015. Quantifying outdoor residential water use in the Ipswich River watershed: what influences residents' behavior. *New England Association of Environmental Biologists*. Bartlett, NH. March 18-20, 2015 (Poster).

- Stacy, J and Ryan, R.. 2015. Understanding homeowners' willingness to adopt low-impact development practices for outdoor water conservation. In *Proceedings of the 46th Annual Conference of the Environmental Design Research Association*, Los Angeles, CA. May 27-30, 2015. p. 211-12.
- Ryan, R., P. Warren, C. Polsky, E. Strauss, and B. Loring. 2014. City science: Pathways-From the lab to the neighborhood an interactive living exhibit for advancing STEM engagement with urban systems in science museums. Poster presented at NSF AISL PI Meeting in Washington, DC, Aug. 20-22, 2014.
- Cheng, C., R. Ryan, P.S. Warren, and C. Nicolson. 2014. Planning in the linked social ecological systems: A conceptual framework and a case for the BMA ULTRA-ex Project. *Environmental Design Research Association*, New Orleans, LA, May 28-31, 2014.
- Ryan, R. and Stacy, J. 2014. Understanding homeowners' motivations to engage in innovative conservation practices within an urbanizing watershed. *Environmental Design Research Association*, New Orleans, LA, May 28-31, 2014.
- Hutyrá, L.; Yang, Y.; Kim, J.; Cheng, C.; O'Brien, P.; Rouhani, S.; Douglas, E. M.; Nicolson, C.; Ryan, R.; Schaaf, C.; Warren, P.; Wollheim, W. M. 2013. Future scenarios of urbanization and its effects on water quantity and quality in three New England watersheds. *American Geophysical Union*, Dec 9-13, 2013, San Francisco, CA
- Ryan, R.L., Warren, P., Tooke, K., Danford, R., Gilpin, A. and Bradley, S. 2012. Exploring the relationship between community-based urban greening and neighborhood green space use in Boston, Massachusetts (USA). In *International Association of People-Environment Studies IAPS 22*. June 24-29, 2012 Glasgow, Scotland, UK.
- Cheng, C, Ryan, R.L., Nicolson, C., and Warren, P. 2012. Using scenario plans with stakeholders for sustainable landscape and urban planning: A case study in greening the inner core of Boston Metro Area. In *Environmental Design Research Association, EDRA 43 Conference*, Seattle, WA May 30-June 2, 2012.
- Warren, P., Ryan, R.L., Polsky, C., Nicolson, C, and Strauss. 2011. Urban greening and urban growth: quantifying ecosystem service trade-offs for the greater Boston Metropolitan Area. In *Ecological Society of America, ESA*. August 7-12, 2011 Austin, TX.
- Milburn, L., Swaffield, S., and Ryan, R.L. 2011. Writing Tips for Struggling Authors. In *Council of Educators in Landscape Architecture Conference Proceedings*. Los Angeles, CA. March 30-April 2, 2011.
- Ryan, R.L., P. Warren, K. Tooke, S. Lerman, K., and E. Strauss. 2011. Understanding the multiple-benefits of urban nature: Insights from research on urban greening projects in Boston, MA. In *Council of Educators in Landscape Architecture Conference Proceedings*. Los Angeles, CA. March 30-April 2, 2011.
- Ryan, R.L., P. Warren, K. Tooke. 2011. Exploring the Benefits of Urban Greening Projects. In *Environmental Design Research Association, EDRA 42 Conference*, Chicago, IL. May 25-28, 2011. (Panel paper presentation in symposia: Bringing out the best in people: Applying the Reasonable Person Model to Urban Greening. Chair: Gordon Bradley).

- Bihari, M. and Ryan, R.L. 2010. Using social capital to facilitate community preparedness for wildfires. In *Environmental Design Research Association, EDRA 41 Conference*, Washington, DC. June 2-6, 2010. p. 219.
- Bihari, M. and Ryan, R.L. 2010. Using social capital to facilitate community preparedness for wildfires. In *16<sup>th</sup> International Symposium on Society and Resource Management*. Corpus Christi, TX. June 9, 2010.
- Ryan, R.L., L. Westphal, F.E. Kuo, and K. Wolf. 2009. The sustainable sites initiative-human health and wellbeing: Expanding the environment and behavior research agenda. In *EDRA 40: Environmental Design Research Association Annual Conference*. Kansas City, MO. May 28- 31, 2009.
- Ryan, R.L. and N. West. 2009. Envisioning the planning process from multiple perspectives: Lessons from planning in Boston's rural-urban fringe. In *EDRA 40: Environmental Design Research Association Annual Conference*. Kansas City, MO. May 28- 31, 2009.
- Calkins, M., Nikolai, K.R., Schwab, J., Ryan, R. L. and Guenther, D. 2008. The sustainable sites initiative: Materials, human health and well-being. *American Society of Landscape Architects Annual Conference*. Philadelphia, PA. Oct. 5, 2008. p. 64 (non peer-reviewed)
- Ryan, R.L. 2008. Planning rural landscapes: Public participation and consensus building. Panel speaker in R. Kaplan and S. Kaplan, Participation as Social and Personal Good: I. Shaping the Environment. In *Fourteenth International Symposium on Society and Resource Management, Abstracts*. University of Vermont, Burlington. June 10-14, 2008.
- Bihari, M., R.L. Ryan, and E.M. Hamin. 2008. Using social capital to facilitate community preparedness for wildfires. In *Fourteenth International Symposium on Society and Resource Management, Abstracts*. University of Vermont, Burlington. June 10-14, 2008.
- Ryan, R.L. 2008. Public participation and the reasonable person model: Insights for environmental designers. In *EDRA 39: Environmental Design Research Association Annual Conference*. Veracruz, Mexico. May 28- June 1, 2008. Pp. 276-277.
- Bihari, M., R.L. Ryan, and E.M. Hamin. 2007. Understanding the extent of community preparedness for wildfire after participation in National Fire Plan Grant Programs: Part I. Developing the Survey Instrument, Sample and Study Protocol. In *Human Dimensions of Wildland Fire Conference*. Fort Collins, CO. October 23-25, 2007. Pp. 132-133.
- Ryan, R.L. and E.M. Hamin. 2007. After the fire: Local residents' perceptions of post-fire forest restoration. In *Human Dimensions of Wildland Fire Conference*. Fort Collins, CO. October 23-25, 2007. Pp. 54-55.
- Ryan, R.L. 2007. Landscape aesthetics and environmental education: Wildfire management in the wildland urban fringe of the Northeastern United States. *Human Dimensions of Wildland Fire Conference*. Fort Collins, CO. October 23-25, 2007. Pp. 76-77.
- Ryan, R.L. 2007. Techniques for assessing the visual impact of wind energy facilities: A case study in the Boston Harbor Islands National Park area as part of Wind: The new energy landscape panel. In *ASLA 2007: American Society of Landscape Architecture Annual Conference*. San Francisco, CA. Oct. 5-9, 2007. P. 23.

- Ryan, R.L. 2007. Developing a visual assessment methodology in an urban landscape: A case study in the Boston Harbor Islands National Park area. In *CELA 2007: Council of Educators in Landscape Architecture Annual Conference*. State College, PA: Pennsylvania State University. August 15-19, 2007. Pp. 275-276.
- Ryan, R.L. 2007. Wildfire and suburban sprawl: Landscape aesthetics and the impact of environmental education in the pine barrens of the Northeastern United States. In *EDRA 38: Environmental Design Research Association Annual Conference*. Sacramento, CA. May 30- June 3, 2007.
- Hamin, E.M. and R. L. Ryan. 2006. Building community through post-fire restoration. In *Twelfth International Symposium on Society and Resource Management, Abstracts*. Vancouver, BC. June 3-8, 2006.
- Ryan, R.L. and E. Hamin. 2006. Ecological restoration after wildfire: Healing community spirit. In *EDRA 37: Environmental Design Research Association Annual Conference*. Atlanta, GA. May 3-7, 2006. p. 161.
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- Ryan, R. L. 2001. Defining rural character from multiple perspectives. In *EDRA 32: Environmental Design Research Association Annual Conference*. Edinburgh, Scotland. July 3-6, 2001. p. 261-262.
- Turner, K. D. and R. L. Ryan. 2001. Childhood memories of landscapes as a restorative tool in designing gardens for Alzheimer's care facilities. In *EDRA 32: Environmental Design Research Association Annual Conference*. Edinburgh, Scotland. July 3-6, 2001. p. 174.
- Ryan, R.L. 2000. Preserving rural character in New England: Local residents' perceptions of alternative residential development. In *CELA 2000: Council of*

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- Ryan, R.L., D. Erickson, and R. DeYoung. 1999. Understanding farmers' motivations for improving ecological health. In *Landscape Ecology: The Science and the Action. 5th World Congress. International Association for Landscape Ecology*. Snowmass Village, CO July 29-Aug. 3, 1999. pp. 132-133.
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- Ryan, R. L. 1998. Whose place attachment? Exploring the effects of environmental experience on attachment to urban natural areas. In *Seventh International Symposium on Society and Resource Management, Abstracts*. University of Missouri: Columbia, MO. May 27-31, 1998.
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- Ryan, R. L. 1997. Environmental experience and attachment to urban natural areas. In *CELA 1997: Council of Educators in Landscape Architecture Annual Conference*. Asheville, North Carolina. September 10-13, 1997.
- Ryan, R. L. 1996. Understanding local perceptions and values for river corridors: A rural Midwestern case study. In *Sixth International Symposium on Society and Resource Management, Abstracts*. Pennsylvania State University: University Park, PA. May 18-23, 1996. p. 136.
- Ryan, R. L., R. Kaplan, and S. Kaplan. 1996. People, natural areas, and design: Building a bridge between environmental psychology and landscape architecture. In *CELA 1996, Council of Educators in Landscape Architecture Annual Conference, Abstracts*. Spokane, Washington. August 7-10, 1996. p. 172.
- Ryan, R. L. and S. Kaplan. 1996. Factors leading to attachment for special natural areas. In *The 23rd Natural Areas Conference and 15th North American Prairie Conference, Abstracts*. St. Charles, IL. October 23-26, 1996. Abstract #163, p. 82.

## Conference Presentations (Invited)

- Ryan, R.L. 2015. Place attachment for promoting a sustainable urban future. Psychology and Architecture, Independent Activities Period (IAP) Panel, MIT University: Cambridge, MA. Jan. 28, 2015.
- Ryan, R.L. 2014. Stormwater and land use - issues and concerns. Current Stormwater Concerns and Solutions Workshop sponsored by Massachusetts Water Resource Research Center. Worcester Polytechnic Institute, MA. March 12, 2014.
- Ryan, R.L. 2014. Exploring Social and Ecological Systems across the Urban Gradient: Studies from the Boston Metropolitan Region. Invited lecture. ISA, University of Lisbon, Portugal. Jan. 8-13, 2014.
- Hamin, E.M., Ryan, R.L., Ricci, E. H. 2011. Preparing for climate change at the local level. Southern New England APA Conference. Providence, RI. Oct. 20, 2011.
- Ryan, R.L. 2010. Green Infrastructure: Protecting and Enhancing Your Community's Vital Resources. Citizen Planners Training Collaborative 10<sup>th</sup> Annual Conference. Worcester, MA. March 19, 2011.
- Ryan, R.L. 2009. Green infrastructure for human health and well-being. EPA Regional Science Workshop. Green Infrastructure Linking People, Nature, and Landscapes through Sound Science. Annapolis, MD. Feb. 9-11, 2009.
- Ryan, R.L. 2008. Place Attachment and the Rural Landscape: Insights for Understanding the Attitudes and Preferences of Local Residents in Rural New England (USA). The International Conference on Sustainable Agriculture and Environment. Hokkaido University, Sapporo, Japan. July 2-6, 2008
- Ryan, R.L. 2008. Greenways and sustainability: Ecology, equity, and economy. Guest speaker. Faculty of Landscape Architecture and Planning. Corvinus University, Budapest, Hungary. April 23, 2008.
- Ryan, R.L. 2008. Public participation and landscape planning: challenges and opportunities for engaging people in planning decisions. Guest speaker. Faculty of Landscape Architecture and Planning. Corvinus University, Budapest, Hungary. April 23, 2008.
- Ryan, R.L. 2008. Defining and preserving the rural character of New England: Insights and strategies for managing new development. *Nashua River Watershed Association lecture series*. Groton, MA. April 8, 2008.
- Ryan, R.L. 2007. Defining rural character: Words and images that resonate. *Exploring our Common Ground: The Future of the Highlands*. Highlands Community Initiative: The Trustees of Reservations. Huntington, MA. Sept. 15, 2007.
- Ryan, R.L. 2007. The restorative power of gardens: Healing body and soul. Gardening for the Five Senses Symposium. Coastal Maine Botanic Garden, Boothbay, ME, April 28, 2007.
- Ryan, R.L. 2006. People's perceptions of native plants in public parks and gardens. 3<sup>rd</sup> Mediterranean Plant Conference. Bari, Italy, Sept. 2-Oct. 1, 2006. University of Foggia, Italy, Oct. 2, 2006.
- Ryan, R.L. 2006. How people perceive nature. Native landscape design: Reality versus perception. Native Landscape Design Symposium. Connecticut College Arboretum, New London CT, Jan. 13, 2006. Villanova University, PA, Feb. 1, 2006.

- Ryan, R.L. 2003. The university-community connection. The 2003 New England Planning Conference, Hartford, CT: American Planning Association. Oct. 23-24, 2003.
- Ryan, R. L. 2003. Landscape planning: Retrospect and prospect. Landscape Architecture and Regional Planning Centennial Conference. University of Massachusetts, Amherst. Oct. 10-12, 2003.
- Ryan, R.L., J. G. Fabos, M.S. Lindhult, and J.J. Allan. 2003. Insights for collaborative greenway planning in New England. TrailLink 2003: 4th International Trails and Greenway Conference, Providence, RI: Rails to Trails Conservancy. June 26-29, 2003.
- Ryan, R. L. 2002. Developing stewardship for urban parks and natural areas. The Humane Metropolis: People and Nature in the 21st Century City. A Symposium to Celebrate and Continue the Work of William H. Whyte. New York University, New York City, NY. June 6, 2002.
- Ryan, R. L. 2002. Stream daylighting: Challenges and opportunities for watershed restoration. Annual Conference on Watershed Conservation 2002: Water Supply, Natural Systems, and Policy. University of Massachusetts, Amherst. Sept. 20, 2002.
- Ryan, R. L. 2002. Connecticut River watershed action plan: Lessons for multi-objective watershed planning. Annual Conference on Watershed Conservation 2002: Water Supply, Natural Systems, and Policy. University of Massachusetts, Amherst. Sept. 20, 2002.
- Ryan, R. L. 2001. Conference discussant, respondent. Brown Fields & Gray Waters Conference. Harvard Design School, Cambridge, MA. Nov. 8-11, 2001.
- Ryan, R. L. 2001. Strategies for involving the public in greenway planning. International Seminar about Greenways (Seminario Internacional sobre Corredores Verdes). Coimbra, Portugal. June 18-19, 2001.
- Ryan, R. L. 2001. Strategies for involving the public in greenway planning. Greenway Conference (Corredores Verdes, Redescobrir e Valorizar o Território Conferencia). Universidad Moderna, Porto, Portugal. June 22-23, 2001.
- Ryan, R. L. and J. Fabos. 2001. New England Greenway Vision Plan: Future directions. Northeastern Rivers Symposium. University of Massachusetts, Amherst. April 28, 2001.
- Ryan, R.L. 2001. The Holyoke Range: Maintaining a sacred trust. Keynote address at Summit on the Range Conference. Holyoke, MA. April 21, 2001.
- Ryan, R. L. 2000. New England Greenway Vision Plan: Insights for local level planning. Northeast Scenic Byway Conference. Portland, ME. Nov. 13-14, 2000.
- Ryan, R. L. 2000. Urban parks: Sustainability from a human perspective. Keynote address at City Parks Association Annual Symposium: Beyond Raking: Tools and Strategies for Sustaining Urban Parks. Philadelphia, PA. October 21, 2000.
- Ryan, R. L. 1999. Overview of the New England Greenway Vision Plan. Rhode Island Greenway Congress, University of Rhode Island. October 23, 1999.
- Ryan, R.L., R. Kaplan, and S. Kaplan. 1999. Developing *With People in Mind: The Design and Management of Everyday Nature*. 1999 EDRA-Places Awards Symposium. 30th Annual Conference of the Environmental Design Research Association. Orlando, FL. June 2-6, 1999.



- Ryan, R.L. 1999. Regional and local level planning: Comprehensive greenway vision for New England. 2nd International Trails and Greenway Conference, Pittsburgh, PA: Rails to Trails Conservancy. June 23-26, 1999. (Paper outline- Rails to Trails Clearing house web-site: [www.testsite.com/TrailsAndGreenways/welcome.asp](http://www.testsite.com/TrailsAndGreenways/welcome.asp))
- Ryan, R.L. 1998. Attachment to nearby parks and natural areas: Positive consequences for people and the environment. Panel presentation: Environments that support environmentally-responsible behavior. Chair: S. Kaplan. In *24th International Congress of Applied Psychology*. San Francisco, CA. Aug. 9-14, 1998.

## HONORS:

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| 2013 | Fellow, American Society of Landscape Architects   |
| 2006 | Outstanding Outreach Award- Teaching<br>Univ. of Massachusetts, Amherst  |
| 2004 | Outstanding Outreach Award<br>College of Natural Resources and Environment<br>Univ. of Massachusetts, Amherst  |
| 2003 | Merit Award- Boston Society of Landscape Architects<br>Connecticut River Watershed: Five-Year Action Plan<br>Student Award for Planning  |
| 2002 | Public Education Award<br>Connecticut Land Trust Service Bureau<br>Great Meadows of the Connecticut River: A Review of its Resources<br>and Recommendations for its Protection and Preservation. |
| 2001 | Merit Award for Research<br>American Society of Landscape Architects<br>Restoring Nature: Perspectives from the Social Sciences and<br>Humanities.   |
| 2001 | Communication Award<br>Society for Ecological Restoration<br>Restoring Nature: Perspectives from the Social Sciences and Humanities.   |
| 2000 | Merit Award- Boston Society of Landscape Architects<br>New England Greenway Vision Plan  |
| 1998 | Research Award<br>Environmental Design Research Association/ Places Journal<br>With People in Mind: Design and Management of Everyday<br>Nature  |

**MEMBER:** American Society of Landscape Architects  
Environmental Design Research Association  
Council of Educators in Landscape Architecture  
Phi Kappa Phi - Honor Society  
Sigma Lambda Alpha - Landscape Architectural Honor Society  
Xi Sigma Pi - Forest Resources Honor Society

**SERVICE:** Chair, Board of Directors  
Environmental Design Research Association (EDRA)  
2009-2010, Board member, 2007-2011

Human Health and Well-being Technical Sub-committee  
Sustainable Sites Initiative  
American Society of Landscape Architects and partners  
2007-2010; Technical advisor, 2009-present.

Co-Chair, Nature and Ecology Network  
Environmental Design Research Association (EDRA)  
2002-2007

Co-Chair, Fabos Landscape Planning and Greenway Symposium  
Budapest Hungary, 2010  
University of Massachusetts, Amherst, 2004, 2007, 2013

Board of Directors, Region 7 representative  
Council of Educators in Landscape Architecture (CELA)  
2001-2004

Graduate program director:  
Dual Degree: Master's in Landscape Architecture and Regional  
Planning  
University of Massachusetts, Amherst, 1999-present  
Masters' of Landscape Architecture Program, spring 2004.  
Masters' of Regional Planning Program, fall 2007.