

## **NANCY M. WELLS**

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*Department of Design and Environmental Analysis*

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### **EDUCATION**

**University of California - Irvine**, School of Social Ecology, Irvine, California  
NIMH Post-Doctoral Trainee, Department of Psychology & Social Behavior, 2000 - 2001

**University of Michigan**, Horace H. Rackham Graduate School, Ann Arbor, Michigan  
M.S. Architecture, May 1998  
Ph.D. Psychology and Architecture (joint degree), April 2000

**Cornell University**, College of Human Ecology, Ithaca, New York  
M.S. Design & Environmental Analysis, Human-Environment Relations, January 1994

**Connecticut College**, New London, Connecticut  
B.A. *summa cum laude* with honors and distinction, Psychology, May 1986  
*Phi Beta Kappa*, 1984          Winthrop Scholar, 1984  
Psychology Department Award for Academic Excellence, 1986  
Psychology Department Award for Service to the Department, 1986

### **ADDITIONAL TRAINING**

**University of South Carolina / Centers for Disease Control & Prevention**, Physical Activity Public Health (PAPH) Research Training Course, Park City, Utah, September 2004

### **TEACHING & RESEARCH POSITIONS**

Professor, Design & Environmental Analysis, Cornell University, Ithaca, NY, 2016 - present  
Associate Professor, Design & Environmental Analysis, Cornell University, Ithaca, NY, 2007 – 2016  
Assistant Professor, Design & Environmental Analysis, Cornell University, Ithaca, NY, 2001 – 2007  
Graduate Faculty, Department of Human Development, Cornell University, 2008 - present  
Graduate Faculty, Horticulture Department, Cornell University, 2003 - present  
Graduate Faculty, Design and Environmental Analysis, Cornell University, 2001 - present  
Instructor, Psychology and Social Behavior, University of California Irvine, 2001

### **ADMINISTRATIVE POSITIONS**

Director of Graduate Studies, Design & Environmental Analysis, Cornell University, 2010 - 2013

### **CURRENT COURSES TAUGHT**

DEA 2700 Healthy Places  
DEA 5560 Health Impact Assessment  
DEA 6560 Research Methods in Social Sciences  
DEA 6610 Environments and Health

## PUBLICATIONS

### JOURNAL ARTICLES

- Rollings, K.A., Wells, N.M., Evans, G.W., Bednarz, A., & Yang, Y. (in press). Housing and neighborhood physical quality: children's mental health and learned helplessness. *Journal of Environmental Psychology*.
- Razani, N., Kohn, M.A., Wells, N.M., Thompson, D., Flores, H.H., Rutherford, G.W. (in press). Design and evaluation of a park prescription program for stress reduction and health promotion in low-income families: the Stay Healthy in Nature Everyday (SHINE) study protocol. *Contemporary Clinical Trials*.
- Todd, L.E., Wells, N.M., Wilkins, J.L., & Echon, R.M. (in press). Digital Food Image Analysis as a measure of children's fruit and vegetable consumption in the elementary school cafeteria: A description and critique. *Journal of Hunger and Environmental Nutrition*.
- Rollings, K.R. & Wells, N.M. (in press). Effects of residential kitchen floor plan openness on eating behaviors. *Environment & Behavior*, doi 10.1177/0013916516661822
- Pillemer, K., Wells, N.M., Meador, R.H., Schultz, L., Henderson, C.R., Cope, M.T. (2016). Engaging Older Adults in Environmental Volunteerism: The Retirees in Service to the Environment (RISE) Program. *The Gerontologist*. doi: 10.1093/geront/gnv693
- Wells, N.M., Myers, B.M., Todd, L.E., Barale, K., Gaolach, B., Ferenz, G., Aitken, M., Henderson, C.R., Tse, C., Pattison, K.O., Taylor, C., Connerly, L., Carson, J.B., Gensemer, A.Z., Franz, N.K., Falk, E. (2015). The effects of school gardens on children's science knowledge: A randomized controlled trial of low-income elementary schools. *International Journal of Science Education*, 37 (17), 2858-2878. doi: 10.1080/09500693.2015.1112048
- Myers, B.M. & Wells, N.M. (2015). Children's physical activity while gardening: development of a valid and reliable direct observation tool. *Journal of Physical Activity & Health*, 12 (4), 522-528.
- Rollings, K.A., Wells, N.M., Evans, G.W. (2015). Measuring physical neighborhood quality related to health. *Behavioral Sciences*, 5, 190-202. doi: 10.3390/bs5020190
- Demment, M., Wells, N., and Olson, C. (2015). Associations between the rural middle school nutrition and physical activity environment, family income trajectory, and change in BMI z-scores during adolescence. *Journal of School Health*, 85(2), 100-108.
- Wells, N.M., Myers, B.M., & Henderson, C.R. (2014). School gardens & physical activity: A randomized controlled trial of low-income elementary schools. *Preventive Medicine*, 69S, S27-S33. doi: 10.1016/j.ypmed.2014.10.012
- Wells, N.M., Myers, B.M., & Henderson, C.R. (2014). Study Protocol: School gardens and physical activity. *Archives of Public Health*. 72:43 doi: 10.1186/2049-3258-72-43
- Olson, C.M., Baker, I., Demment, M., Graham, M., May, J., Strawderman, M., Wells, N.M. (2014). The healthy start partnership: An approach to obesity prevention in young families. *Family and Community Health*, 37 (1), 74-85.
- Gantner, L.A., Olson, C.M., Frongillo, E., Wells, N.M., (2011). Prevalence of non-traditional food stores and distance to healthy foods in a rural food environment. *Journal of Hunger and Environmental Nutrition*, 6, 279-293.
- Pillemer, K., Wells, N.M., Wagenet, L., Meador, R.H. and Parise, J.T. (2011). Environmental sustainability in an aging society: A research agenda. *The Journal of Aging and Health*, 23(3), 433-452. doi: 10.1177/0898264310381278
- Wells, N.M., Evans, G.W., Beavis, A. & Ong, A.D. (2010). Early childhood poverty, cumulative risk exposure, and weight gain trajectories through young adulthood. *American Journal of Public Health*. doi:10.2105/AJPH.2009.184291
- Wells, N.M., Evans, G.W. and Yang, Y. (2010). Environment and health: Planning decisions as public health decisions. *Journal of Architectural and Planning Research*, 27(2), 124-143.
- Pillemer, K. A. Fuller-Rowell, T. Reid C. & Wells N.M. (2010). Environmental volunteering and health outcomes over a twenty-year period. *The Gerontologist*, 50(5), 594-602.
- Wells, N.M. and Laquatra, J. (2010). Why green housing and green neighborhoods are important to the health and well-being of older adults. *Generations*, 33(4), 50-57.

- Filiberto, D. Wethington, E., Pillemer, K.A., Wells, N.M., Wysocki, M. & Parise, J. (2010). Older people and climate change: Vulnerability and health effects. *Generations*, 33(4), 19-25.
- Wells, N.M. and Yang, Y. (2008). Neighborhood Design & Walking: A quasi-experimental longitudinal study of low-income Southern women moving to neotraditional or suburban neighborhoods. *American Journal of Preventive Medicine*, 34(4), 313-319.
- Wells, N.M. and Olson, C.M. (2007). The Ecology of Obesity: Perspectives from life course, design, and economics. *Journal of Hunger & Environmental Nutrition*, 1(3), 99-129.
- Wells, N.M. and Harris, J.D. (2007). Housing quality, psychological distress, and the mediating role of social withdrawal: A longitudinal study of low-income women. *Journal of Environmental Psychology*, 27, 69-78.
- Wells, N.M., Ashdown, S.P., Davies, E.H.S., Cowett, F.D. and Yang, Y. (2007). Environment, Design and Obesity: Opportunities for interdisciplinary collaborative research. *Environment and Behavior*, 39 (1), 6 – 33.
- Wells, N.M. and Lekies, K.S. (2006). Nature and the Life Course: Pathways from childhood nature experiences to adult environmentalism. *Children, Youth, and Environment*, 16 (1), 1-24.
- Wells, N.M. (2005). Our housing, our selves: a longitudinal investigation of women and dwelling. *Journal of Environmental Psychology*, 25, 189-206.
- Wells, N.M. and Evans, G.W. (2003). Nearby Nature: A buffer of life stress among rural children? *Environment and Behavior*, 35 (3), 311-330.
- Evans, G.W., Wells, N.M., and Moch, A. (2003). Housing and mental health: A review of the literature and a conceptual and methodological critique. *Journal of Social Issues* 59 (3), 475-500.
- Wells, N.M. (2000). At home with nature: effects of “greenness” on children’s cognitive functioning. *Environment and Behavior*, 32(6), 775-795.
- Evans, G.W., Wells, N.M., Chan, H.E., and Saltzman, H. (2000). Housing quality and mental health. *Journal of Consulting and Clinical Psychology*, 68 (3), 526-530.
- Evans, G.W., Wells, N.M. and Moch, A. (1999). Housing and mental health. *Ville de Parallele*, 29, 197-213.
- Wells, N.M. and Evans, G.W. (1996). Home injuries of people over age 65: risk perceptions of the elderly and of those who design for them. *Journal of Environmental Psychology*, 16, 247–257.

### **BOOKS, EDITED VOLUMES**

- Brown, B.B., and Wells, N.M. (Guest Editors) (2007). Special Issue - Environment and Obesity: Environmental influences on physical activity and dietary intake. *Environment and Behavior*, 39 (1).

### **BOOK CHAPTERS**

- Wells, N.M. & Jimenez, F.E. (In press). Nature’s impact on children’s health. In W. Bird & M. van den Bosch (Eds) *Oxford Textbook of nature and public health*.
- Wells, N.M., Evans, G.W. & Aldred Cheek, K.L. (2016). Environmental psychology. In H. Frumkin (Ed) *Environmental health: from global to local*. John Wiley & Sons.
- Wells, N.M. & Pillemer, K. (2015). Environmental engagement in later life: RPM as a framework for Intervention. In R. Kaplan & A. Basu (Eds.) *Fostering Reasonableness*. (pp 157-175). Maize Books.
- Wells, N.M. (2013). The role of nature in children's resilience: cognitive and social processes. In: K. Tidball & M. Krasny (Eds.) *Greening in the Red Zone*. (pp. 95-109). Springer.
- Wells, N.M. & Rollings K.A. (2012) The natural environment: Influences on human health and function. In S. Clayton (Ed.) *The Handbook on Environmental and Conservation Psychology*. (pp 509-523). Oxford University Press.
- Wells, N.M. and Lekies, K.S. (2012). Children and nature: following the trail to environmental attitudes and behavior. In: J. Dickinson and R. Bonney (Eds.) *Citizen Science: public collaboration in environmental research*. (pp. 201-213). Ithaca, NY: Cornell University Press.
- Wells, N.M. & Donofrio, G.A. (2011). Urban planning, the natural environment, and public health. In: J.O. Nriagu (Ed.) *Encyclopedia of Environmental Health*, volume 5, pp. 565-575. Burlington, MA: Elsevier.
- Evans, G.W., Wells, N.M., & Schamberg, M. (2010). The role of the environment in socioeconomic status and obesity. Chapter 57 in L. Dube, A. Bechara, A. Dagher, D. Drewnowski, J. LeBel, P. James, R.Y. Yada &

- M.C. Laflamme-Sanders (Eds.). *Obesity prevention: The role of society and brain on individual behavior*. (pp. 713-726) New York: Academic Press.
- Wells, N.M. (2008). Do kids need nature? A brief review of the research evidence. In E. Goodenough (Ed.) *A Place for Play* (pp. 45-55). Ann Arbor, MI: University of Michigan Press.
- Halverson, A., Wells, N.M., Rakow, D.A., & Skelly, S.M. (2008). Field of Dreams: A grass-roots approach to starting a children's garden. In Goodenough (Ed.) *A Place for Play* (pp.161-172). University of Michigan Press, Ann Arbor, MI.
- Wells, N.M. and Evans, G.W. (2002). Physical stressors. In R. Fernandez-Ballesteros (Ed.) *Encyclopedia of Psychological Assessment*. (pp. 926-932). London: Sage.
- Brandle, K. and Wells, N.M. (2000). Community service in architecture and urban planning: motivation and satisfaction. In D.D. Cooper (Ed.) *Trying the Ties That Bind: Essays on Service-Learning and the Moral Life of Faculty*. (pp.123-136). The Fetzer Institute / Michigan Campus Compact.
- Evans, G. W., Wells, N.M., and Moch, A. (1999). Housing and mental health. In: A. Moch (Ed.). *Psychosociale de L'environnement urbain*. (A psychosocial approach to the urban environment). Paris: University of Paris.

### **FACT SHEETS, NEWSLETTERS & BROCHURES**

- Pierce, M.R., Wells, N.M., Laquatra, J. (2002). Stair Safety: Causes and Prevention of Residential Stair Injuries. Cornell Cooperative Extension Fact Sheet, College of Human Ecology, Cornell University.
- Wells, N.M. (2001). The impact of new housing on women's well-being: results from a study of Habitat for Humanity. *Housing and Home Environments News* (Fall 2001). Department of Design and Environmental Analysis, Cornell Cooperative Extension, College of Human Ecology, Cornell University.
- Wells, N.M. & Evans, G.W. (1994). Home safety guidelines for older adults. Design & Environmental Analysis, Cornell Cooperative Extension Housing Fact Sheet, College of Human Ecology, Cornell University.

### **BOOK REVIEWS**

- Wells, N.M. (1999). Review of *Theoretical perspectives in Environment-Behavior Research: Underlying assumptions, research problem and methodologies*. S. Wapner, J. Demick, C. Takiji Yamamoto, and H. Minami (Eds.) *Journal of Planning Education and Research*, 21 (3), 346-347.

### **CONFERENCE PROCEEDINGS**

- Evans, G.W., Laquatra, J. and Wells, N.M. (2000). "Housing Quality Assessment and Mental Health." *Book of Refereed Abstracts, American Association of Housing Educators Annual Conference*, Stone Mountain, GA; November 2000; pp. 63-67.

### **CONFERENCE ORGANIZER**

- Co-Chair, Cornell conference on Aging and the Environment, CCSF, July 2009  
Co-Chair, Ecology of Obesity, College of Human Ecology Conference, June 2005

### **PRESENTATIONS**

#### **KEYNOTE / INVITED PRESENTATIONS**

- Wells, N.M. (2016). Does Nature Matter? Green infrastructure effects on health, equity, and sustainability. Finding Center, Oklahoma State University, Stillwater OK
- Wells, N.M. (2015). Environments & Health: research, design, strategies & methods to illuminate the effects of the environment on human health and health behaviors. Department of Parks, Recreation & Tourism Management, North Carolina State University, Raleigh, NC, March 6, 2015.
- Wells, N.M. (2015). Schoolyards as vehicles to promote health, education, and sustainability. Growing in Place. Natural Learning Initiative, North Carolina State University, Raleigh, NC, March 5, 2015.
- Wells, N.M. (2014). Green Infrastructure: The natural environment and human health. Public Lecture, College of Design, North Carolina State University, Raleigh, NC, October 2, 2014.
- Wells, N.M. (2014). Nature and children's health. Natural Learning Initiative, North Carolina State University, Raleigh, NC, October 2, 2014.

- Wells, N.M. (2014). Green Infrastructure: Why nature matters for community health. Foro Fronterizo de Infraestructura Verde / Border Green Infrastructure Forum. Border Environment Cooperation Commission (BECC). Ciudad Juarez, Mexico / El Paso, Texas, September 18-19, 2014.
- Wells, N.M. (2014). The wellness connection: How built environments impact well-being. Gensler New York and Syska Hennessy Group, NYC, NY, June 19, 2014.
- Wells, N.M. (2014). How does the brain respond to the city? Van Alen Institute, Brooklyn, NY, May 13, 2014.
- Wells, N.M. (2013). School Gardens Research. Cornell Cooperative Extension, Nutrition Education Annual meeting, Auburn NY, November 20, 2013.
- Wells, N.M. (2013). Environments & Health. Empire State College, State University of New York, Raquette Lake Environmental Studies Residency Program, October 2013.
- Wells, N.M. (2012). School Gardens & Children's Health: Research Challenges & Strategies. College of Sustainability. Dalhousie University, Halifax, Nova Scotia, Canada.
- Wells, N.M. (2012). Children & Nature: Environmental Influences on Health. College of Sustainability. Dalhousie University, Halifax, Nova Scotia, Canada.
- Wells, N.M. & Rollings, K.A. (2010). The Physical Environment & Childhood Obesity: Influences of the Home. Children's Health & Environment: International Workshop on Research, Policy & Practice, London Ontario, June 2010.
- Wells, N.M. (2010). Volunteering & the Reasonable Person Model. RPM conference, Ann Arbor, June 2010.
- Wells, N.M. (2009). The natural environment and health. *American Psychological Association*, Toronto, Ont., Canada, August, 2009.
- Wells, N.M. (2008). Does nature matter? Evidence linking the natural environment to children's health and well-being. Design for children IN nature, North Carolina State University, Raleigh, NC, August 7-9, 2008.
- Wells, N.M. (2008). The natural environment and human health: Evidence from 21<sup>st</sup> century research. Symposium: We are still in Eden: Perspectives on the healing powers of nature from the 19<sup>th</sup> Century to today. Thomas Cole Historical Site, Catskill, New York: June 8, 2008.
- Wells, N.M. (2007). Design, Environment and Health: Linking the natural and built environment with human health. AIA Indiana / AIA Kentucky Convention. Columbus, IN: October 13, 2007.
- Wells, N.M. (2007). Children and Nature: *Beneficial effects of the natural environment on human well-being* keynote. New Jersey Association for Environmental Education. Princeton, NJ: February 3, 2007.
- Wells, N.M. (2005). Challenges within the WIC Setting: possible lessons from environmental psychology. *Women Infants and Children (WIC) Mid-Atlantic Regional Conference (MARC)*, USDA, July 2005.
- Wells, N.M. (2005). Nature through the life course: gardening with elders. Master Gardeners' program, Cornell University, June 2005.
- Wells, N.M. (2005). Nature through the life course: Effects of nature on health and functioning from childhood to elderhood. *Chicago Botanical Garden*, Chicago, IL, February 2005.
- Wells, N.M. (2004). Nature and health: Effects of vegetation and trees on human well-being. Seeley Conference, Horticulture Industry. Ithaca, NY, June 2004.
- Wells, N.M. (2004). Nature through the life course: Effects of nature on health and functioning. *Georgia Urban Forestry Council*, Atlanta, GA, November 2004.
- Wells, N.M. (2000). Does nature matter? The effects of trees and vegetation within the urban context. Keynote Speaker. *Green Cities Conference*. Detroit Audubon Society, Detroit, MI, April, 2000.

#### **REFEREED CONFERENCE PRESENTATIONS**

- Wells, N.M., Myers, B.M., Henderson, C.R. (2016). School gardens and children's health. *International Association People –Environment Studies (IAPS)*. June 27 – July 1, 2016, Lund, Sweden.
- Rollings, K.R. & Wells, N.M. (2016). Cafeteria assessment for elementary schools (CAFES): Measuring environmental features that influence children's diet. *International Association People –Environment Studies (IAPS)*. June 27 – July 1, 2016, Lund, Sweden.
- Brittin J, Frerichs L, Sirard J, Wells NM, Myers BM, Garcia J, Sorensen D, Trowbridge MJ, Huang TTK (2016). Impact of Active School Design on School-Time Sedentary Behavior and Physical Activity: A Longitudinal Study. *Environmental Design Research Association*, Raleigh, NC, May 2016.

- Brittin, J., Frerichs, L., Sirard, J., Wells, N.M., Myers, B., Garcia, J., Sorensen, D., Trowbridge, M.J., Huang, TTK (2015). Impact of active school design on school-time sedentary behavior: A longitudinal study. *Obesity Week 2015*, Los Angeles, CA November 2-7, 2015.
- Yang, E. & Wells, N.M. (2015). Games for learning: Engaging students in research methods concepts. *The Teaching Professor conference*. Atlanta, GA, May 29-31, 2015.
- Evans, G.W., Rollings, K.A., Wells N.M., Yang, Y., Bednarz, A (2015). Housing and Neighborhood Physical Quality: Children's Mental Health and Chronic Physiological Stress. *Environmental Design Research Association*, Los Angeles, CA, May 27-30, 2015
- Jordan, C, Ickovics, J., & Wells, N.M. (2015). Growing healthy children. The Imperative for nature connection. Making the case: Translating research for community action. *Children & Nature Network conference*. Austin, TX, April 6-9, 2015
- Myers, B.M. & Wells, N.M. (2015). The Role of Adventure Playgrounds in Children's Active Play: An Environmental Analysis of Children's Outdoor Play Environments. *Active Living Research, Robert Wood Johnson Foundation*. San Diego, CA., February 2015.
- Wells, N.M., Myers, B.M., Henderson, C.R. (2014). School gardens and children's physical activity: Among the mechanisms linking green space to health? *A Community on Ecosystems Services (ACES)*. Washington DC, December 8-12, 2014.
- Evans, G.W., Wells, N.M., & Rollings, K.A. (2014). Neighborhood physical environments. *How housing matters for healthy child development*. Mac Arthur Foundation Roundtable. Boston, MA. July 29-30, 2014.
- Wells, N.M., Myers, B.M., Henderson, C.R. (2014). School gardens as a health-promotion intervention: What effect on children's physical activity? *International Conference of Applied Psychology*, Paris, France. July 8-13, 2014.
- Barale, K., Gaolach, B., Wells, N.M., Myers, B.M., Ferenz, G., Aitken, M., Gao, J.C., Todd, L.E., Wilkins, J.L., Tse, C.C. (2014). Healthy gardens, healthy youth: school garden pilot project educational toolkit. *Society for Nutrition Education and Behavior (SNEB) annual meeting*. Milwaukee, WI. June 28 – July 1, 2014.
- Rollings, K.A., Evans, G.W. & Wells, N.M. (2014). Potential design moderators of the residential crowding – psychological health, and crowding - physiological stress relations among children. *Environmental Design Research Association annual meeting*. New Orleans, LA, June 2014
- Wells, N.M., Myers, B.M., Gaolach, B., Henderson, C., Aitken, M., Ferenz, G., Tse, C., Barale, K., Toering, J., Naeve, L., Carson, J., Connerly, L., Todd, L., Wilkins, J., Falk, L. (2014). Do school gardens affect physical activity and diet? A randomized controlled trial in low-income schools. *International Society for Behavioral Nutrition and Physical Activity*. San Diego, CA. May 21-14, 2014.
- Myers, B.M. & Wells, N.M. (2014). Children's physical activity while gardening: Development of a valid and reliable direct observation tool. *International Society for Behavioral Nutrition and Physical Activity*. San Diego, CA. May 21-14, 2014.
- Rollings, K.A. & Wells, N.M. (2014). Cafeteria Assessment for Elementary Schools (CAFES): Development of a tool to assess environmental factors relevant to children's dietary intake. *International Society for Behavioral Nutrition and Physical Activity*. San Diego, CA. May 21-14, 2014.
- Wells, N.M., Myers, B.M., Henderson, C.R. (2014). School gardens & physical activity: A randomized control trial in low-income schools. *Active Living Research, Robert Wood Johnson Foundation*. San Diego, CA., March 2014.
- Hinestroza, J., Wells, N.M., and Feathers, D. (2013). From 18 to 81: Textile Designs for Elderly populations. Presented at the *Orange Beneficence - International Design Conference of Leisure & Fashion for Elderly* at Fu Jen Catholic University. Taipei, Taiwan. November 23, 2013
- Rollings, K.A., & Wells, N.M., (2013). Cafeteria assessment for elementary schools (CAFES): Instrument Development. *Environmental Design Research Association annual meeting*. Providence RI.
- Wells, N.M., Myers, E.M., Echon, R., Wilkins, J.L., Militello, R. (2013). Lunch tray photography: measuring children's dietary intake at school. *Environmental Design Research Association annual meeting*. Providence RI., May-June 2013.

- Myers, B.M. & Wells, N.M. (2013). Development of the system for observing children's physical activity while gardening (SOCPAG). *Environmental Design Research Association* annual meeting. Providence RI., May-June 2013.
- Wells, N.M., Myers, B.M. Gaolach, B., Henderson, C., Wilkins, J., Ferenz, G., Aitken, M., Tse, C., Barale, K., Toering, J., Naeve, L., Carson, J., Connerly, L., Falk, E. (2013). Examining the effects of school gardens on children's diet and physical activity: A randomized controlled trial. *Environmental Design Research Association* annual meeting. Providence RI., May-June, 2013.
- Myers, B.M. & Wells, N.M. (2013). Observing children's physical activity while gardening: validity and reliability. *Active Living Research* conference, Robert Wood Johnson Foundation. San Diego CA, Feb 25-28.
- Wells, N.M., Rollings, K.A., Ong, A.D., Reid, M.C. (2012). Nature as a Buffer of Pain: Nearby nature moderates the relation between pain catastrophizing and chronic pain intensity among older adults. *Environmental Design Research Association* annual meeting, Seattle, WA. May 2012.
- Rollings, K.A. & Wells, N.M. (2012). Objectively quantifying nearby nature: Landcover data v. manually-rated satellite images. *Environmental Design Research Association* annual meeting, Seattle, WA. May 2012
- Myers, B.M., Wells, N.M., & Demment, M. (2012). School and physical activity: Environmental and policy influences on children's time outdoors. *Environmental Design Research Association* annual meeting, Seattle, WA. May 2012
- Rollings, K.A., Wells, N.M., Yang, Y., Bednarz, A., Vaid, U., Evans, G.W. (2012). Measuring physical neighborhood quality. *Environmental Design Research Association* annual meeting, Seattle, WA. May 2012.
- Gaolach, B., M. Aitken, G. Ferenz, K. Barale, N. Wells, B. Myers, C. Henderson, J. Wilkins, C. Tse, J. Toering, L. Naeve, J. Carson, L Connerly, and L. Falk. (2012). Healthy gardens, healthy youth: People's garden school pilot project. *Sustainable Food, Agriculture and Natural Resources Symposium*. Pullman, WA.
- Rollings, K.A. & Wells, N.M. (2011). Environmental influences on diet and physical activity among youth. *Environmental Design Research Association* annual meeting, Chicago, IL. May 2011.
- Surratt, M.L. and Wells, N.M. (2011). Approaching the community garden: how physical features affect impression. *Environmental Design Research Association* annual meeting, Chicago, IL. May 2011.
- Wells, N.M. (2011). Discussant. Bringing out the best: Applying the Reasonable Person Model (RPM) in educational settings. *Environmental Design Research Association* annual meeting, Chicago, IL. May 2011.
- Wells, N.M. (2011). Discussant. Open space and mental health. *Environmental Design Research Association* annual meeting, Chicago, IL. May 2011.
- Wells, N.M., Diaz-Moore, K., Sykes, K. (2011). Aging and Environmental sustainability. Symposium. *Environmental Design Research Association* annual meeting, Chicago, IL.
- Ritter, T.E., Lekies, K.S., Singh, D., and Wells, N.M. (2011). Environmental Concern, Attitudes, and Behaviors in Young Adulthood: Examining the Role of Childhood Nature Experiences *International Symposium on Society and Resource Management (ISSRM)*. Madison, WI
- Olson, C.M., Gantner, L., Graham, M.L., Strawderman, M., Wells, N.M. (2010). Exposure to community-based partnership interventions is associated with reduced risk of excessive gestational weight gain. *International Society for Behavioral Nutrition and Physical Activity*. Minneapolis, MN, 9-12 June, 2010.
- Olson, C.M., Gantner, L., Graham, M.L., Wells, N.M., and Strawderman, M. (2010). Availability of grocery stores is associated with increased overweight and obesity among rural women. *International Society for Behavioral Nutrition and Physical Activity*. Minneapolis, MN, 9-12 June, 2010.
- Wells, N.M. and Yang, Y. (2009). The food environment and diet. *Environmental Design Research Association* annual meeting. Kansas City, MO. May 29 – June 1, 2009.
- Wells, N.M. (2009). Housing and the Reasonable Person Model (RPM). Two part symposium on RPM with Kaplan, Kaplan, Ryan, Sullivan, Bradley, Basu, Matsuoka & Kumler. *Environmental Design Research Association* annual meeting. Kansas City, MO. May 29 – June 1, 2009.
- Wells, N.M. (2008). Participatory housing and the reasonable person model (RPM). *International Symposium on Society and Resource Management (ISSRM)*. Burlington, VT. June 11-14, 2008.
- Wells, N.M. and Yang, Y. (2007). Neighborhood Design and physical activity. *Active Living Research, Robert Wood Johnson Foundation*. Coronado Island, CA, February 2007.

- Sullivan, W.S. Wells, N.M., Kellert, S.R., and Boone, K.I. (2007). The Natural Environment, the built environment, the social environment. Integrating the Environment and Human Health. 7<sup>th</sup> National Conference on Science, Policy, and the Environment. *National Council on Science and the Environment (NCSE)*. Washington D.C.
- Wells, N.M. and Yang, Y. (2006). Neighborhood Design and Physical Activity: A longitudinal study of environmental and demographic predictors of walking among low-income, African American women. *Housing Educators Research Association (HERA)*, Ithaca, NY, October 8 – 11, 2006.
- Wells, N.M. and Ashdown, S.P. (2005). Environment, design and obesity: from micro to macro. *The Ecology of Obesity*, College of Human Ecology, Cornell University, Ithaca, NY, June 5-6, 2005.
- Lyman-Clarke, L.M., and Wells, N.M. (2005). Action clothing: using clothing to inspire physical activity for children. *The Ecology of Obesity*, College of Human Ecology, Cornell Univ., Ithaca, NY, June 5-6, 2005.
- Wells, N.M., Yang, Y., and Pendall, R. (2005). Neighborhoods, physical activity and diet: A longitudinal study. *The Ecology of Obesity*, College of Human Ecology, Cornell University, Ithaca, NY, June 5-6, 2005.
- Diaz-Moore, K., Calkins, M. and Wells, N.M. (2005). Aging and environment workshop. *Environmental Design Research Association*, (EDRA 36), Vancouver, B.C., Canada. April 2005.
- Wells, N.M. & Bainbridge, K.E. (2005). Neighborhood Design & Physical Activity: A longitudinal study of low-income minority women. *Active Living Research Conference, Robert Wood Johnson Foundation*, Coronado Island, CA, February 2005; and *EDRA 36*, Vancouver, BC, Canada, April 2005.
- Navai, M.L. & Wells, N.M. (2004). The efficacy of door design interventions in reducing exit attempts among people with dementia. *Int'l Assoc. of People –Environment Studies (IAPS)*. Vienna, Austria, July 2004.
- Wells, N.M. & Bainbridge, K.E. (2004). Neighborhood Design & Physical Activity: Preliminary results of a pre-move / post-move investigation. *Environmental Design Research Association*, (EDRA 35), Albuquerque, NM. June 2004. Also presented at the *European Network of Housing Researchers (ENHR)*, Cambridge, England, July 2004.
- Wells, N.M. (2004). From Asphalt to Garden: The impact of a nature on elders' well-being. *Environmental Design Research Association*, (EDRA 35), Albuquerque, NM. June 2004. Also presented at *International Association of People –Environment Studies (IAPS)*. Vienna, Austria, July 2004.
- Wells, N.M. (2004). Participatory housing: benefits to individuals, communities and environments. *Environmental Design Research Association*, (EDRA 35), Albuquerque, NM. June 2004.
- Cheung, K.C. and Wells, N.M. (2004). The natural environment and human well-being: insights from fractal composition analysis? *Harmonic and Fractal Image Analysis Conference*. Spring, 2004
- Cheung, K.C. & Wells, N.M. (2004). The natural environment and human well-being: insights from fractal composition analysis? *Environmental Design Research Association*, (EDRA 35), Albuquerque, NM. June 2004.
- Wells, N.M. & Bainbridge, K.E. (2004). Neighborhood Design & Physical Activity: A Pre-move / Post-move investigation. *Active Living Research Conference, Robert Wood Johnson Foundation*, San Diego, CA, January 2004.
- Wells, N.M. (2003). Nature & Elders: A review of the literature. Gerontological Society of America (GSA) Annual Meeting, San Diego, CA. November 2003.
- Wells, N.M. & Evans, G.W. (2003). Nearby Nature: A Buffer of Life Stress among Rural Children? *Environmental Design Research Association*, (EDRA 34), Minneapolis, MN. May 2003.
- White, M.V. & Wells, N.M. (2003). Eldercare for Baby Boomers: Design guidelines. *Environmental Design Research Association*, (EDRA 34), Minneapolis, MN. May 2003.
- Sherman, C.R. & Wells, N.M. (2003). Kitchen design for the elderly: preparing for normal and impaired aging *Environmental Design Research Association*, (EDRA 34), Minneapolis, MN. May 2003.
- Navai, M. & Wells, N.M. (2003). Reducing Exit Attempts among People with Dementia Through Door Design Modifications. *Environmental Design Research Association*, (EDRA 34), Minneapolis, MN. May 2003.
- Eshelman, P.E. & Wells, N.M. (2002). Individuality Boxes: merging research and design to meet the needs of elders. *State Society on Aging of New York*. Albany NY. October 2002.



- Wells, N.M. & White, M.V. (2002). Nature and the Life Course: Connections between childhood nature experiences and later-life environmental attitudes & behaviors. *Environmental Design Research Association*, (EDRA 33), Philadelphia, PA. May 2002.
- Wells, N.M. (2002). Building more than houses: participatory housing as a mechanism to foster community. *Environmental Design Research Association*, (EDRA 33), Philadelphia, PA., May 2002.
- Wells, N.M. (2000). Housing quality and women's mental health: a three-wave longitudinal investigation. Housing in the 21<sup>st</sup> Century, *The European Network for Housing Research*. Gävle, Sweden, June 2000.
- Kaplan, R., Kaplan, S., Austin, M., & Wells, N.M. (2000). Meeting environmental and psychological needs in residential development. *Eighth International Symposium on Society and Resource Management*, Western Washington University, Bellingham, WA. June 2000.
- Wells, N.M. (1999). A supportive environment: Low income urban mother's experiences in a participatory housing program. *Environmental Design Research Association*, (EDRA 30), Orlando, Florida.
- Wells, N.M. (1998). The efficacy of self-help housing for low-income urban mothers. *International Association for People-Environment Studies* (IAPS), Eindhoven, The Netherlands.
- Wells, N.M. (1998). Participatory housing: what effect for urban women? *Society for the Psychological Study of Social Issues* (SPSSI), Ann Arbor, Michigan.
- Wells, N.M. and Clitheroe, C. (1998). Teaching environment-behavior concepts: The third annual slide exchange & workshop. *Environmental Design Research Association*, (EDRA 29), St. Louis, Missouri.
- Evans, G.W., Wells, N., & Moch, A. (1997). Housing and mental health. *Housing in the 21st Century: International Sociological Association*. Washington, DC.

## **GRANTS - RESEARCH**

### **Externally Funded**

- USDA / Cornell Center for Behavioral Economics in Child Nutrition. "CAFES" Cafeteria Assessment for Elementary Schools, 2012-2013, \$10,000
- TKF Foundation, Open Spaces, Sacred Places: The Healing Power of Nature. Co-PI, 2012, Planning grant: *From Afar: the garden of transitions. A place for resolution and healing for refugee and immigrant communities, Utica New York*. \$48,475.
- Robert Wood Johnson Foundation, Active Living Research (ALR), PI, 2012 - 2013, School gardens & physical activity, \$150,000.
- USDA, Food & Nutrition Service. People's Garden, Co-PI/ research lead, 2011-2014. *Healthy Gardens, Healthy Youth*, People's Garden Pilot, USDA, \$1,000,000.
- MacArthur Foundation, Housing Matters, PI 2010-2014, Housing and neighborhood quality: children's mental health and physiological stress. \$359,312.
- National Science Foundation (#0917487), Co-PI, 2009-2013, The Yard Map Network: Social networking for community science, (PI: J Dickinson, co-PIs: M Krasny, N Trautmann, N Wells, C Yuan). \$1,483,711.
- U.S. Forest Service, More Kids in the Woods, consultant, 2007-2008, Urban Forest Adventures, with Tompkins County Cooperative Extension \$30,000.
- United States Department of Agriculture (USDA) (#DK 574339). National Research Initiative (NRI) Integrated Program – Human Nutrition Co-PI (C. Olson, PI); 2005 – 2009, Promoting Healthy Weights in Childbearing Women & Their Infants – Environmental Interventions for Obesity Prevention, \$999,939.
- Robert Wood Johnson Foundation, Active Living Research (ALR), PI, 2004-2007, Neighborhood design and physical activity, \$100,000.
- Grants-In-Aid, Society for the Psychological Study of Social Issues, PI, 2000-2001, Housing quality and women's mental health: the third of a three-wave longitudinal study, \$2,000.

### **Internally Funded**

- School Gardens & Children's Health. Bronfenbrenner Center for Translational Research, Innovative Pilot Studies Program. PI, 2013-2014, \$3,500.
- Federal Formula Funds (Hatch/ Smith Lever), NIFA, 2011-2014. U.S. Dept of Agriculture's Cooperative State Research, Education & Extension Service, PI. School Gardens, \$105,000

School Gardens: Increasing ecological literacy, improving diet and increasing physical activity among New York State's youth, 2011. Atkinson Center for a Sustainable Future (ACSF) Academic Ventures Fund (AVF). PI \$53,328.

Urban Trees for Sustainable Cities: Workshop to Develop an Integrated Social-Ecological Sciences Research Agenda in New York City, 2008-2009. Cornell Center for a Sustainable Future (CCSF), Academic Ventures Fund (AVF) Co-PI

Environmental Sustainability in an Aging Society, 2008 – 2009, Cornell Center for a Sustainable Future (CCSF), Academic Ventures Fund (AVF), Co-PI

Affinito-Stewart Award, President's Council of Cornell Women (PCCW), PI, 2005 – 2006. The Effect of the Environment on Obesity in Low-Income Families: Influences on Physical Activity and Diet. PI \$11,000.

Innovative Research Program Grant, Bronfenbrenner Life Course Center, Cornell University, PI, 2003-2004, Neighborhood transitions and exercise trajectories: The impact of community design characteristics on physical activity patterns over time. \$10,000.

HATCH Grant 327-7416, U.S. Dept. of Agriculture's Cooperative State Research, Education & Extension Service, PI, 2001-2004, Housing and neighborhood quality and the well-being of low-income families, \$30,000.

Cornell Gerontology Research Institute Grant, Bronfenbrenner Life Course Center (Grant #327-8305), Cornell University, PI, 2001-2002, Natural environments: a mechanism for social integration of older adults? \$5,000.

New Faculty Start-up Grant, College of Human Ecology, Cornell University, PI, 2001-2002, \$5,000.

#### **GRANTS – TEACHING / SERVICE LEARNING**

Living Environments Aging Partnership (LEAP): An intergenerational design initiative. PI, 2006 – 2009, Foundation for Long Term Care / Corporation for National and Community Service, \$25,000.

The Reconstruction Home (Beechtree) Courtyard Garden: Part 1 of a multi-semester, multi-course proposal, Project Facilitator. (with P. Eshelman, S. Skelly, J. Mt. Pleasant), 2005 – 2006, Faculty Fellows in Service Award (FFIS), Cornell Public Service Center, Cornell University, \$1,600.

Lakeside Nursing Home Garden Project, Facilitator, PI, 2003 – 2004, Robert S. Smith Award for Community Progress & Innovation, Tompkins Trust Company, \$1,000.

Lakeside Nursing Home Garden Project, PI, 2003, Faculty Fellows in Service Award (FFIS), Cornell Public Service Center, Cornell University, \$2,000.

Poverty + Housing course with A. Levine and B. Lynch, Advisor, 2002. Faculty Fellows in Service Award (FFIS), Cornell Public Service Center, Cornell University, \$1,500.

#### **HONORS & AWARDS**

Engaged Learning & Research Faculty Fellowship, Cornell University, 2013

Mentorship & Advising Award, Kappa Omicron Nu/ Human Ecology Alumni Association, 2012

Fellow, Atkinson Center for a Sustainable Future (ACSF), Cornell University, 2009

Dissertation Fellowship, Horace H. Rackham Graduate School, University of Michigan, Fall 1999

Pre-Doctoral Fellowship, Horace H. Rackham Graduate School, University of Michigan, 1998-1999

Community of Scholars Fellowship, Institute for Research on Women & Gender, U. of Michigan, 1998

Progressive Architecture Award for Architectural Research, Citation, living-learning communities study, with Angelini and Associates Architects, *Architecture* magazine, April 1998

Regents' Fellowship, Horace H. Rackham Graduate School, University of Michigan, 1994-1997

The Seabury Foundation Fellowship, Architecture Ph.D. Program, University of Michigan, 1995-1996

Robert L. Rhyne *Phi Beta Kappa* Connecticut College Alumni Scholarship, 1994

#### **PROFESSIONAL ASSOCIATIONS**

Member, Environmental Design Research Association (EDRA)

Member, International Association of People-Environment Studies (IAPS)

Member, Society for the Psychological Study of Social Issues

Member, International Association of Applied Psychology

## **MENTORSHIP**

**I serve, or have served, on the following students' honors thesis/ masters thesis/ dissertation committees:**

Laura Bell	chair	MS, Design & Environmental Analysis
Kristin Aldred Cheek	chair	Ph.D. Design & Environmental Analysis
Urshila Sriram	minor member	Ph.D., Nutritional Sciences
Stephanie Bostic	minor member	Ph.D., Nutritional Sciences
Trevor Partridge	chair	MS, Horticulture
Beth Myers	chair	Ph.D., Design & Environmental Analysis
Jennifer Mackall	chair	MS, Design & Environmental Analysis
Kimberly Rollings	chair	MS/ Ph.D. Design & Environmental Analysis
Margaret Demment	minor member	Ph.D. Nutritional Sciences
Christine Moskell	minor member	MS/Ph.D, Natural Resources
Scott Cloutier	minor member	Ph.D., Biological & Environmental Engineering
Christina Phillips	minor member	Ph.D., Education
Kendra Liddicoat	minor member	Ph.D., Natural Resources
Melissa Surratt	chair	MS, Design & Environmental Analysis
Ashley Miller	chair	MS, Design & Environmental Analysis
Emi Day	chair	honors thesis, BS, Design & Environmental Analysis
Leigh Gantner	minor member	Ph.D., Nutritional Sciences
Katie Boothroyd	minor member	honors thesis, BS, Design & Environmental Analysis
Annie Lee	chair	MS, Design & Environmental Analysis
Asima Mekic	minor member	MA, Design & Environmental Analysis
Hrönn Brynjarsdottir	minor member	MS, Design & Environmental Analysis
Manna Navai	chair	MS, Design & Environmental Analysis
Magdalena White	chair	MS, Design & Environmental Analysis
Courtney Sherman	chair	honors thesis, BS, Design & Environmental Analysis
Debra Rich	minor member	PhD, Horticulture
Lindsay Lyman-Clarke	minor member	MS, Textiles & Apparel
Rebecca Kurland	minor member	honors thesis, BS, Human Development
Carrie Gonnella	minor member	honors thesis, BS, Human Development
Anna Halverson	minor member	MS, Horticulture/ Public Garden Management
Kate Davidoff	minor member	honors thesis, BS, Design & Environmental Analysis
Lauren Gentile	minor member	MS, Design & Environmental Analysis

## **SERVICE**

### **CAMPUS**

#### **Leadership & Service Roles**

Director of Graduate Studies, DEA, 2010 – 2013

Director, Gerontology Minor, Bronfenbrenner Life Course Center / College of Human Ecology, 2010 – 2013

Director, Gerontology Certificate Program, BLCC / College of Human Ecology, 2002- 2010

Advisor, Cornell Elderly Partnership and Glamour Gals, Cornell Public Service Center, 2004 – 2013

Faculty Fellow, Mary Dickson Freshman Residence Hall, 2002 – 2008

#### **Committees**

Steering Committee Member, Cornell Ctr for Integration of Research, Teaching & Learning (CU-CIRTL), 2015 - 16

Advisory Board member, Cornell U. Center for Integration of Research, Teaching & Learning (CU-CIRTL), 2015- 16

Member, Dean's Fellowship in the History of Home Economics Committee, College of Human Ecology, 2015 -

Member & Faculty Representative, College of Human Ecology Alumni Association Board, 2014 -present

Advisory Group, MPS in Public Garden Management, Cornell Plantations, 2013 – present

Mentoring committee for Assistant Prof Rebecca Seguin, Division of Nutritional Sciences, 2013 - present

Member, University Appeals Panel, 2012 - present

Youth, Nature and Outdoor Environment, developing Program Work Team (PWT) Coop. Extension, 2011-present  
 Search Committee, Dean, College of Human Ecology, 2007 - 2008  
 Faculty Search Committees, Design and Environmental Analysis, 2006–2007; 2007-2008  
 Faculty Mentor, Mentoring in Higher Education Program, College of Human Ecology, 2006  
 Advisory Board, Bronfenbrenner Life Course Center, College of Human Ecology, 2002 - 2007  
 Coordinator, Innovative Research Grants, Bronfenbrenner Life Course Center, 2004 – 2005  
 Colloquium Planning Committee, Bronfenbrenner Life Course Center, Human Ecology, 2002 - 2005  
 Committee on Academic Status (CAS), College of Human Ecology, 2004  
 DEA Graduation Reception Planning Committee, DEA, 2002 - 2004  
 College Grants Committee, College of Human Ecology, 2001 - 2003

**CAMPUS / COMMUNITY**

**Committees**

Member, City of Ithaca – Cornell University Bridge Means Restriction Committee, 2010-2011  
 Member, Cornell University Gorge Access and Safety Committee, 2011  
 Advisory Committee, Lite House Repairs, Cornell-Ithaca Partnership, HUD Program, 2001 - 2003

**PROFESSIONAL**

Senior Associate Editor, *Environment & Behavior*, 2015 - present  
 Member, Research Advisory Board, Children & Nature Network, 2015 – present  
 Member, Board of Directors, reDirect, 2014 – present  
 Juror, Shore to Core Competition, West Palm Beach, FL, Van Alen Institute, 2016 - 2017  
 Participant, Architecture & Collective Behavior workshop, Tempe AZ, October 2016  
 Participant, National Collaborative on Childhood Obesity Research (NCCOR) workshop on *Deriving and Applying Behavioral Design Principles to Foster Active Living and Healthy Eating*, March 7-8, 2016.  
 Reviewer, Environmental Design Research Association (EDRA) Certificate of Research Excellence (CORE), 2015-2017.

**Editorial Boards**

- *Environment & Behavior*
- *Children, Youth and Environment*
- *Frontiers in Environmental Psychology*
- *Housing, Theory and Society*
- *Journal of Architectural and Planning Research*

**ad hoc Journal Reviewer**

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| <ul style="list-style-type: none"> <li>• <i>American Journal of Public Health</i></li> <li>• <i>Applied Psychology: Health &amp; Well-being</i></li> <li>• <i>Architectural Science Review</i></li> <li>• <i>Children’s Geographies</i></li> <li>• <i>Childhood</i></li> <li>• <i>Cities and the Environment</i></li> <li>• <i>Ecology &amp; Society</i></li> <li>• <i>Environmental Conservation</i></li> <li>• <i>Health and Place</i></li> <li>• <i>Health Environments Research &amp; Design</i></li> <li>• <i>Housing Studies</i></li> <li>• <i>International Journal of Behavioral Nutrition and Physical Activity</i></li> <li>• <i>International Journal of Environmental Research &amp; Public Health</i></li> <li>• <i>International Journal of Obesity</i></li> </ul> | <ul style="list-style-type: none"> <li>• <i>International Journal of Public Health</i></li> <li>• <i>Journal of Environmental Psychology</i></li> <li>• <i>Journal of Epidemiology &amp; Community Health</i></li> <li>• <i>Journal of Physical Activity and Health</i></li> <li>• <i>Journal of Planning Literature</i></li> <li>• <i>Journal of Public Health Policy</i></li> <li>• <i>Journal of Urban Affairs</i></li> <li>• <i>Leisure Sciences</i></li> <li>• <i>Local Environments</i></li> <li>• <i>Landscape and Urban Planning</i></li> <li>• <i>Landscape Journal</i></li> <li>• <i>Occupational &amp; Environmental Medicine</i></li> <li>• <i>Occupational Health Psychology</i></li> <li>• <i>Preventing Chronic Disease Journal</i></li> <li>• <i>Preventive Medicine</i></li> <li>• <i>Psychological Science</i></li> </ul> |
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- *Social Science and Medicine*
- *Society & Natural Resources*

- *Stress & Health*
- *Urban Forestry & Urban Greening*

#### **Grant Reviewer**

- *NORFACE Dynamics of Inequality Across the Life-course (DIAL) programme, The Netherlands*
- *The Robert Wood Johnson Foundation, Active Living Research Program, U.S.*
- *Canadian Institutes of Health Research, Knowledge Creation Programs Branch, Canada*
- *Deutscher Akademischer Austausch Dienst (DAAD) / German Academic Exchange Service, Germany*
- *The Centers for Disease Control and Prevention, U.S.*
- *The Economic and Social Research Council, U.K.*