

# CURRICULUM VITAE

**Date Prepared:** May 31, 2018

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**PLACE OF BIRTH:** Marietta, Ohio

## EDUCATION:

1970 Design	B.S.	Ohio University (cum laude)
1971 Design	Diplome	Ecole de la Chambre Syndicale de la Couture Parisienne
<a href="https://www.ecole-couture-parisienne.com/en/">https://www.ecole-couture-parisienne.com/en/</a>		
1975 Aesthetics in Housing and Historic Preservation	M.A.T.	University of Vermont
2000 Architecture - Environment and Behavior	M.S.Arch	University of Michigan
2002 Architecture - Environment and Behavior	Ph.D.	University of Michigan

## POSTDOCTORAL TRAINING:

May-Dec 2002 Bus Designs/Crime	University of Michigan	Postdoctoral Research Fellow
Sept 2006 to Aug 2010 Bicycle/Health	Harvard T. H. Chan School of Public Health	Postdoctoral Research Fellow
		NIH F32 Ruth L. Kirschstein

## ACADEMIC APPOINTMENTS (beginning with most recent):

2011-present Research Scientist	Department of Nutrition	Harvard T. H. Chan School of Public Health
2010-2011 Research Associate	Department of Nutrition	Harvard T. H. Chan School of Public Health
2002-2006 Visiting Scientist	Department of Nutrition	Harvard T. H. Chan School of Public Health
1972-1984 Instructor	Home Economics	University of Vermont

## OTHER ACADEMIC POSITIONS and MAJOR VISITING APPOINTMENTS:

1998-2002 Research Assistant	Taubman College of Architecture and Urban Planning, University of Michigan
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## HONORS AND DISTINCTIONS:

2018	Invited to lecture at Bike-On in Warwick, Rhode Island to practitioners to discuss senior's benefiting from biking using the VanRaam bikes – February 1 <sup>st</sup> and April 20 <sup>th</sup>
2017	Lecture selected for the LeadingAge conference October 29-Nov 1 New Orleans “Integrating Biking into Senior Living into Design” (500 proposals and only 150 selected)
2017	Invited to be a participant at the MIT School of Architecture and Planning for a Cambridge/Boston Design Sprint to design for autonomous vehicles – Oct 6 <sup>th</sup>
2017	Invited participant at the Street of the Future Workshop at Boston University – June 27 <sup>th</sup>
2016	Sponsored to present at the 2016 American Planning Association NY Upstate Chapter Conference – Buffalo “Rust belt reborn – Using the Bicycle to Green the Urban Core”
2015	Invited by students from the 12 Harvard graduate students to be one of 12 speakers, out of 80 nominations, to speak at the One Harvard Lecture in Memorial Church – April 8 <sup>th</sup>
2015	Microsoft and 1776, invited to the “Health Roundtable for Innovation that Matters”
2013	Lifetime Achievement Award - Association of Pedestrian and Bicycle Professionals
2011	Lifetime Achievement Award - Congress for New Urbanism, New England

2009 Invited and sponsored by Bikes Belong to attend a Research Forum in Boulder of 10 academics who conduct research on bicycle facilities.

2008 Great Place to Work Recognition Award – Harvard School of Public Health – 3<sup>rd</sup> award

2008 Great Place to Work Recognition Award – Harvard School of Public Health – 2<sup>nd</sup> award

2008 Invited by Trust for Public Land and National Recreation and Park Association to present at their colloquium, “How can parks best promote physical activity and mental health?”

2008 Preservation Award – Brookline Preservation Society

2006 Poster Award – “Harvard Vision 2020: A Bridge to Campus Sustainability for Physical Activity Design (PAD)” – rating system for green designs – Harvard

2004 Giving in our Community Award – The Vermont Women’s Fund

2004 Invited participant – Postgraduate Course on Research Directions and Strategies – Physical Activity and Public Health – Park City, Utah

2004 Great Place to Work Recognition Award – Harvard School of Public Health – 1<sup>st</sup> award

2004 Stowe Conservation Commission Award for Community Service - Stowe, Vermont

2004 Invited participant - Fabos Landscape Planning and Greenway Symposium, University of Massachusetts, Amherst

2002 Commencement Speaker – Taubman College of Architecture and Urban Planning

2002 Achievement Award – Taubman College of Architecture and Urban Planning in Recognition of Outstanding Contributions to the Ph.D. Program – University of Michigan

2002 Dissertation Defense Funding Award - Taubman College of Architecture and Urban Planning and Rackham Graduate School – University of Michigan

2001 Scholarship for Merit – Taubman College of Architecture and Urban Planning – University of Michigan

2001 Invited participant to Journal of the American Planning Association and Journal of the Planning and Education Research Scholarly Publishing Workshop in Portland, Oregon

2001 Martin Luther King Service and Leadership Award - University of Michigan

2000 Real Estate Forum Writing Competition Award - University of Michigan

2000 Dissertation Tuition and Stipend Award - Rackham Graduate School One Term – University of Michigan

1999 Dissertation Research Grant Award from the Peter and Helen Bing Foundation – Benefactors for the Stanford Hospital and Clinic

1999 Dissertation Research Grant Award from the Vermont Land Trust

1999 Invited attendee to the Federal Highway Administration training conference on bicycle and pedestrian planning for roadways, trails, and other related facilities in Baltimore.

1997-1998 Rackham Non-Traditional Fellowship Award, University of Michigan

1997-1998 Tuition and Stipend Grant Award – College of Architecture and Urban Planning – University of Michigan Ph.D. program

1998 Greenways in the New Millennium – Invited participant in the Rail-to-Trails Brain Trust meeting in San Diego, California

1997 Rails-to-Trails Conservancy Funding Award to outline Aesthetic Guidelines for Greenways

1996 Award for Outstanding Service in Developing Trails and Greenways in Vermont – Vermont Trails and Greenways Council

1995 Leaders in Fitness and Sports Certificate of Recognition from the Vermont Governor’s Council on Physical Fitness and Sports – State of Vermont

1992 Governor’s Award for Outstanding Community Service – State of Vermont

1992 Enjoy Outdoors America Award – U.S. Department of Interior

1992 National Voluntary Service Award - National Recreation and Park Association

1990 Governor’s Earth Day Award – State of Vermont

1990 Theresa S. Brungardt Award for Outstanding Friend of Parks – State of Vermont

1989 Laymen’s Award - Vermont Association for Health, Physical Education, Recreation, Dance

- 1989 National Take Pride in America Award for Promoting Greenways Nationwide – U.S. Department of Interior
- 1981-1989 Coordinator of the Stowe Recreation Path in Stowe, Vermont that won a Land and Water Conservation Fund Award, Take Pride in America Finalist Award, Rudy Bruner Finalist Award for Urban Excellence, designation as the 786<sup>th</sup> National Recreation Trail, and recognition as the 119<sup>th</sup> Point of Light

**MAJOR PROFESSIONAL SERVICE**

National and State Service

- 2004 - present Member, Association of Pedestrian and Bicycle Professionals
- 1998-2006 Member, Environmental Design Research Association
- 1996-1997 Member, Vermont Agency of Transportation’s Bicycle and Pedestrian Advisory Committee – committee wrote the Vermont Bicycle and Pedestrian Plan
- 1994-1996 Member, Vermont Urban and Community Forestry Council
- 1994-1996 Member, Vermont Agency of Transportation’s Performance Advisory Committee – wrote Vermont Transportation Plan
- 1993-1996 Member representing bicyclists and pedestrians, Lamoille County Planning Commission’s Transportation Advisory Committee (TAC)
- 1992-2004 Chair and Founder with others, Vermont Bicycle and Pedestrian Coalition
- 1992-1996 U.S. Secretary of Transportation Appointee - National Recreational Trails Advisory Committee
- 1992-1994 Advisory Board Member for the Trails Restoration Fund Walking Magazine
- 1990-1996 Vice Chair, American Trails
- 1988-1996 Chair Citizen Branch, Member, and Trustee, National Recreation and Park Association
- 1988-1996 Chair and Founder with others, Vermont Trails and Greenways Council
- 1984-1995 Gubernatorial Appointee, Vermont Board of Forests, Parks, and Recreation

International Service

- 2008 International Advisory Board Member, Walk and Bike for Life
- 2008 Advisor, Bicycle City

**PROFESSIONAL SOCIETIES:**

- National Post Doc Association
- American Heart Association
- American Public Health Association
- Association of Collegiate Schools of Planning
- The Society for the Arts in Healthcare

**OTHER PUBLIC SERVICE**

- 2017-2018 Worked to put a cycle track on Babcock Street in Brookline, MA/Safe Route to School.
- 2016-present Allston/Brighton - Proposed a park over the “throat” area of the railroad reconstruction. so a park “lid” would be placed by the Charles River over Storrow, I-90, and the trains.
- 2016-2017 Inman Square in Cambridge, MA - Proposed a Peanut roundabout with cycle tracks where a female bicyclist was killed by a truck – Cambridge agreed to cycle tracks.
- 2009-present City of Boston - Working with others on putting a two-way cycle track on Malcolm X Boulevard in Roxbury.
- 2016-present Longwood Medical Area - Working with others to improve biking on and to the LMA.
- 2014-present Town of Brookline - Working with others to improve biking with a recent focus on Babcock Street.

- 2014-present Town of Brookline – Proposed and organized 7 minute Power Points of innovative designs for putting a cycle track on Route 9 – Had presentations by Brookline Lincoln Elementary School parents, Brookline High School parents, Brookline Greater Point Neighborhood Association members, and Brookline seniors – cycle track being built.
- 2014 Asked to edit the Green Garage Certification Standard document put out by the Green Parking Council – edits for bicycle parking in garages were incorporated.
- 2002-present Attend meetings to better ensure that the best bicycle facilities are installed in Boston area.
- 2012 Attended meetings for the design of Clark Park in Brookline, MA – designs incorporated.
- 2009 Proposed “Dress Up and Ride” bike to work ride to Swissnex Boston, rode from Swissnex office in Cambridge to Boston for Bike to Work Week event.
- 2008 Prepared a 27 page document that depicted cycle tracks on the Allston/Brighton campus. This document, with endorsements by 15 faculty/researchers, was forwarded by Walter Willett, MD, Dr. P.H. to President Faust. The Allston/Brighton campus now has a cycle track on Western Avenue that is the safest on-road bicycle facility in Boston.
- 2005-2006 Attended meetings to restore Pinebank, historic mansion on Emerald Necklace, America’s first greenway - not successful, building demolished.
- 2002-2004 Proposed a cycle track on Boston’s Rose Kennedy Greenway - not successful.
- 2002-2003 Served as Design Consultant, Rails-to-Trails Conservancy Trail Design Competition 2003 Trail Link International Trails and Greenways Conference.
- 1997-2002 Designed, completed, and maintained student spaces in the University of Michigan Art and Architecture Building.
- 1994-2002 Developed, publicized, and lectured about the concept of Safewalks or inner city greenways with prototypes built in Nashville and Chattanooga.
- 1994-2002 Initiated the concept and completed research on Guidelines for Greenways.
- 1994-2002 Designed a bicycle path tunnel with Con Span in Dayton, Ohio - prototype in Indiana.
- 1991-2002 Developed, researched, wrote, and lectured about the greenway concepts of 108,000 New Classrooms for America, Family Healing Grounds, and Industrial Park Greenways.
- 2001 Rode 105 miles on mountain bikes from Worcester to Providence to Connecticut with son and daughter to explore the route for the East Coast Greenway.
- 1999 Participated in a University of Michigan 5 day charrette in inner city Detroit.
- 1998 Organized and publicized “Towns, Gowns, and the Arts” in Ann Arbor, Michigan.
- 1996-1997 Organized recycled computer program – low income families – Lamoille County, VT.
- 1989-1997 Organized, fund raised, and wrote plans to save the buildings on the Mayo Farm, Head of the Mayo Farm Design Team and President of Stowe Farm, Inc.
- 1991-1996 Created the “Greenway 50,” a correspondence chain for greenway ideas that included the greenway innovators in the nation.
- 1995 Lobbied for and succeeded in having bicycle racks on baggage cars on the Vermonter Amtrak train – Vermont manufacturer provided the combination bicycle/ski racks.
- 1993-1994 Organized with others the North American Greenway – rode 600 miles with daughter (14) from Hartford to Montreal as part of a core team exploring the greenway.
- 1992-1994 Organized with others the East Coast Greenway – rode 1,000 miles with daughter (13) from Boston to Washington, D.C. as part of a core team exploring the greenway.
- 1991-1992 Attended monthly meetings with the Bush Administration White House Staff to develop a policy statement for America on greenways – Obtained funding for National Park Service Rivers, Trails, and Conservation Assistance Program.
- 1988-1996 Lobbied Congress on behalf of Park and Recreation issues through the National Recreation and Park Association.
- 1984 Writer, Town of Stowe, Vermont - Handicapped Access Plan.
- 1977 Assisted in the nomination of 124 buildings in Stowe, Vermont to the National Register of Historic Places.

**MAJOR ADMINISTRATIVE RESPONSIBILITIES** (Title and place of responsibility):

- 1996-2002 Founder of Single Volunteers – operated and nationally publicized the organization that now has international chapters.
- 1990-1991 Consultant, Stowe Conservation Commission working to acquire more land for Stowe, VT.
- 1989-1990 Hired by the Stowe Land Trust as Project Coordinator to raise funds and acquire land. Helped the town obtain the 235 acre Mayo Farm adjacent to the Village and the Stowe Recreation Path for \$1.4 million in town funds.
- 1981-1989 Hired by the Town of Stowe, Vermont as Stowe Recreation Path Coordinator to create the Stowe Recreation Path – Obtained deeds of easement from 32 different property owners, raised \$680,000, and supervised construction.
- 1977-1980 Appointed by the Town of Stowe, Vermont as Chair Restoration of the Old Stowe High School – helped raise \$500,000 and supervised construction for what is now the Stowe Library and Art Center and listed on the National Register of Historic Places.

**DEPARTMENT AND SCHOOL SERVICE:**

- 2018 Asked by Harvard Chan to be one of the interviewees for the Human Subjects accreditation.
- 2016-present Invited member of the Dean’s Advisory Committee on Diversity and Inclusion – Harvard T. H. Chan School of Public Health.
- 2016-present Invited with others by MASCO to explore improving the bicycling on the Longwood Medical Campus.
- 2009-2011 Post Doc Association Workshop Chair –Harvard T. H. Chan School of Public Health.

**EDITORIAL BOARDS AND REVIEWER:**

Manuscript Reviewer:

- American Journal of Public Health
- BMJ
- Buildings
- Clinical Epidemiology
- Clinical Interventions in Aging
- Environment & Behavior
- Environmental Health
- Injury Prevention
- International Journal of Behavioral Nutrition and Physical Activity
- International Journal of Environmental Research and Public Health
- International Journal of Geo-Information
- International Journal of Sustainable Transportation
- Journal of Traffic and Transportation Engineering
- Journal of Transport and Health
- Journal of Transport and Land Use
- Landscape and Urban Planning
- Medicine & Science in Sports & Exercise
- Safety
- Sensors
- Social Science and Medicine
- Traffic Injury Prevention
- Transportation
- Transportation Research Part A: Policy and Practice
- Transportation Research Part F: Psychology and Behavior
- Transportation Research Record (Journal of the Transportation Research Board)

Book and Report Reviewer:

Report for the Oregon Transportation Research & Education Consortium (2014)  
Book for MIT (2012)

Grants and Conference Reviewer:

Oregon Transportation Research & Education Consortium – Invited grants reviewer (2014/2015/2016)  
Harvard Catalyst – Invited grants reviewer (2013)  
Bicycle Urbanism Conference in Seattle – Invited abstract reviewer (2013)  
Velo City Conference in Vancouver – Invited abstract reviewer (2012)

**MAJOR RESEARCH INTERESTS:**

Bicycle environments (routes and parking inside buildings)  
Health outcomes from bicycling (obesity, Alzheimer’s disease, diabetes, longevity, joy)  
Social Bridges – elements in the built environment that enable a positive interaction between strangers  
Injury prevention related to bicycling  
Bicycle policies at the federal, state, and local government  
Bicycling and low-SES populations  
Public participation  
Women, children, seniors, and parents with children on their bicycles  
Parental patterning of bicycling and children  
Chinese bicycle environments and bicycle practices  
Climate change, emergency preparedness, and bicycles  
Transportation planning, sustainability, and public health  
Human energy expenditure and the built environment  
Tree and plant placement and bicycle environments  
Mobile source air pollution reduction and bicycle environments  
Destinations adjacent to bicycle environments  
Databases and inclusion of bicycling  
Seniors, healthy aging, and Aging-in-Place

**TEACHING EXPERIENCE**

Teaching courses at academic institutions

1972-1984	Sewing, Weaving, Basic Design, Re-upholstery and Refinishing Taught multiple classes as their faculty went on sabbatical. Received Masters of Arts in Teaching (M.A.T.) through a Teaching Fellowship by teaching their courses while also taking classes for the degree. Proposed, organized, and advertised own course on re-upholstery and refinishing (Undergrads).	University of Vermont Home Ec Department Instructor
Spring 1998	Bicycle Paths: Creating and Use Proposed, advertised, and taught own course during Spring while getting the Ph.D. (Undergrads).	University of Michigan Taubman College of Architecture and Urban Planning Instructor
Fall 2 2008	ID-539 Bicycle Environments in the U.S. and the Netherlands/Denmark: case studies in the promotion of physical activity. Course developer, key lecturer, and grader with Walter Willett supervising in partnership with Jack Spengler and Jack Dennerlein.	HSPH Co-Instructor

Fall 2009	Class evaluation was 4.3 out of 5. (Masters and ScD students). ENVR E-126 Bicycle Environments and Public Health: Case Study Cities Course developer and key lecturer. Jack Spengler, Ph.D. asked for the Harvard Chan course to also be at Harvard Extension. Class evaluation was 4.4 out of 5. (Undergrad and Graduate).	Harvard Extension Instructor
Fall 2 2010	ID-539 Bicycle Environments in the U.S. and the Netherlands/Denmark: case studies in the promotion of physical activity. Course developer, key lecturer, and grader. Class evaluation was 5 out of 5. (Masters and ScD students).	HSPH Instructor
Spring 2011	ENVR E-126 Bicycle Environments and Public Health: Case Study Cities Course developer, key lecturer, and grader. Class evaluation was 4.89 out of 5.(Undergraduate and Graduate).	Harvard Extension Instructor
Fall 2 2012	ID-539 Built Environment, Human Energy Expenditure and Public Health Course developer, key lecturer, and grader. Instructor evaluation for set high expectations 4.4/5; responsive 4.6/5; accessible 4.6/5; quality feedback 4.6/5. (Masters and ScD students).	HSPH Instructor
Fall 2013	ENVR E-163 Transportation, the Environment, and Health Co-developer, co-lecturer, and co-grader. Instructor evaluation was 4.46 out of 5. (Undergraduate and Graduate students).	Harvard Extension/Distance Co-Instructor
Spring 1 2015	ID-539 Built Environment, Human Energy Expenditure, and Public Health Course developer, key lecturer, and grader. Instructor evaluation was 5.0 out of 5.0 (Masters and ScD students including students from GSD).	HSPH Instructor
Fall 1 2017	ID-539 Built Environment, Human Energy Expenditure, and Public Health Course developer, key lecturer, and grader. Instructor evaluation was 4.5-4.9 out of 5 for Lusk (Masters and ScD students).	HSPH Instructor
<u>Teaching students and staff through invitational lectures at academic institutions:</u>		
Fall 2002	Nutrition Department Lunch Time Seminar “New urban forms that encourage physical activity.”	HSPH Guest Lecturer
Spring 2004	Channing Laboratory “Destinations as motivational tools for physical activity: Encouraging bicycling, walking, jogging, and in-line skating.”	HSPH Guest Lecturer
Spring 2004	Mather Eco Table – Harvard dormitory talk “New Urban Forms – what might motivate you to bike, walk jog, or in-line skate.”	Harvard Guest Lecturer

Spring 2004	“Environments for Physical Activity and Issues Related to Ethnic-Minority Populations.”	HSPH Guest Lecturer
Spring 2004	Advanced Topics in Women, Gender, and Health “A bicycle path for women: Volvo concept model.”	HSPH Guest Lecturer
Spring 2004	“Ethnic-minority populations and issues associated with physical activity.”	Rhode Island School of Design Guest Lecturer
Fall 2004	Presented a lecture to Northeastern University civil and environmental engineering students about putting a cycle track on the Big Dig parcels.	Northeastern University Guest Lecturer
Fall 2004	“Public health and housing issues in the ecological city – Urban design to promote public health and fitness.”	University of Massachusetts/ Amherst – Guest Lecturer
Winter 2005	“Ethnic-Minority Populations and Issues Associated with Physical Activity” Studying clothing, physical activity and self-identity for minority populations with students.	Cornell Textiles and Apparel Rhode Island School of Design Guest Lecturer
Fall 2005	Follow-up to Ethnic-minority populations and issues associated with physical activity.	Cornell Textiles and Apparel Guest Lecturer
Spring 2005	Community-based seminar – student lunch talk “Bicycle environments and public health.”	HSPH Guest Lecturer
Spring 2006	Global Chat – student lunch talk “Visual and Verbal Preference Survey.”	HSPH Guest Lecturer
Spring 2010	“Bike superhighways – infrastructure catches up with the dream: public health aspects.”	Boston University Guest Lecturer
Fall 2010	“Fifty/Fifty Infrastructure and Social Bridges: The New Urban Form.”	GSD Guest Lecturer
Fall 2010	“Bicycle safety and new considerations: All populations, pollution exposure, and socializing.”	McGill University Guest Lecturer
Spring II 2012	EPI224 Cancer Prevention “International study of bicycle facilities to reduce chronic disease: Interventions and Policies” Lecture on bicycling and cancer prevention.	HSPH Guest Lecturer
Spring II 2013	NUT214 Global Cardiovascular and Metabolic Health: Critical Issues in Policy and Translation Lecture on bicycling and cardiovascular benefits.	HSPH Guest Lecturer
Spring 2013	Spring Challenge – Improving Bike Safety in Boston “Ways to Improve Bike Safety (Car/bike crash and crime) through the Built Environment.” Lecturer and judge for team submissions.	HSPH Guest Lecturer and Judge



Summer 2013	Opening talk about bicycling during Orientation to incoming students.	HSPH Guest Lecturer
Spring II 2014	NUT 214 Policies for Global Cardiovascular and Metabolic Health: Translating Knowledge into Action Lecture on bicycling and cardiovascular benefits.	HSPH Guest Lecturer
Spring 2014	NUT Department Brown Bag Series lectures “Bicycling – An overview of the benefits and twenty ideas to improve health.”	HSPH Guest Lecturer
Spring 2014	University of Tasmania, Australia “Bike Park Home” – for class for Steven Fleming, Ph.D.	University of Tasmania Skype Lecturer
Fall 2014	Harvard Graduate School of Design – invited to do a student midterm (crit) review of their studio work. They had developed designs for an area in China based on Health and Places Initiative (HAPI).	GSD Critique
Fall 2014	Takemi Program Weekly Seminar “Bicycling, Health, and Infrastructure to Increase Numbers and Types of Bicyclists.”	HSPH Guest Lecturer
Fall 2016	Monday HSPH Nutrition Department Seminar Series “Bicycle Research Targeted to Change Policies and Funding to do the Research”	HSPH Invited Lecturer
Spring 2017	Women in Leadership - Brown Bag Lunch Series, “Bicycle Environment Design Choices & Gender	HSPH Invited Lecturer
Summer 2017	“Built Environment and Human Energy: Public Health and the Built Environment”	Boston University Invited Lecturer
Spring 2018	“Incorporating Biking in a Car-Dominated Environment: Comparison of three attempts and three successes” April 19 UMass Transportation Center/Civil and Environmental Engineering	UMassAmherst Invited Lecturer

Supervision and mentoring of Visiting Scholars, Lown Scholars Students/Post docs and outcomes

<b>Name</b>	<b>Position and period of mentoring</b>	<b>Outcome of mentoring</b>
Chanzheng Yuan	HSPH Masters and Scd graduate Now a Post Doc (2010-2018)	Article published.
Ines Alveano-Aguerrebera	Visiting Ph.D. student from Mexico (2015)	Article published
Ria Knapp	Masters student at Harvard Extension (2012)	Thesis advisor – Thesis completed
Marissa Grenon	Harvard FAS student (2013)	Jack Spengler requested the guidance based on her topic – Thesis completed

Lea Dobbert	Ph.D. student from Brazil (2013)	Article under review.
Steven Fleming, Ph.D.	Assistant Professor, University of Tasmania – Visiting Scholar (2013)	Will revise and resubmit an article on parking bicycles inside.
Albert Anastasio	Undergraduate pre med student from Kentucky (Summer Intern 2013 and 2014)	Article published.
Nicholas Shaffer	Masters student from Boston University Practicum requirement/summer (2014)	Article published.
Morteza Asgarzadeh	Visiting Scientist and Post Doc from Iran (2011-2014)	Three peer review articles published.
Yan Yuan, Ph.D.	Associate Professor from China (Sept 2014 – Oct 2015) Visiting Scholar	Will produce 2 peer reviewed articles on biking in China – Biking in Old Downtowns and the Bike Bus.
Fredirick Mashili	Lown Scholar at HSPH from Tanzania (2014-2006)	Developed surveys for improving the bicycle environment in Tanzania.
Melissa Guardaro	Masters student at Harvard Extension (2013-2015) Extension Faculty Aide	Article to be revised and resubmitted.
Jamie Yu	Masters student at Harvard Extension (2013-2015) Extension Faculty Aide	Article to be revised and resubmitted.
Henry Bonges	Graduate student in Harvard Extension (12/14/14 to present).	Article published.
Ines Alveano Aguerrebere	Ph.D. student from Mexico (2014-2016)	Developed surveys for improving the bicycle environment in Mexico. Article published.
Xu Wen, Ph.D.	Associate Professor -Zhejiang University in a Hangzhou (2016-2017)	Article published. Will also finalize the Bike Bus article with Yan Yuan, Ph.D.

## INVITED PRESENTATIONS

### Notable invited lectures:

Winter 2012	Asked to testify before City of Boston City Counselors on a hearing about exploring improvements to bicycling infrastructure to make Boston a more livable city.	Boston City Counselors Invited Guest
Spring 2013	WHO-posted hour-long video for World Health Day about reducing hypertension through walking and bicycling – with Walter Willett, M.D., Dr. P.H. and Morteza Asgarzadeh, Ph.D.	WHO video-taped at HSPH Guest Lecturer
Summer 2013	Web presentation with League of American Bicyclists on women biking.	League of American Bicyclists Guest Lecturer

Spring 2014	Invited by Joe Brain to present bicycle research to Swiss RE individuals at NY headquarters. "Protected Bicycle Facilities and Bicycle Parking: Effective interventions in response to increased populations, pollution, and obesity/diabetes/cardiovascular disease."	Swiss RE Guest Lecturer
Fall 2014	Microsoft Innovation and Policy Center New England and Venture Café Foundation – "Urban Infrastructure and Public Health: Conversation on Civic Tech.	Microsoft Guest Lecturer
Winter 2015	Volpe Transportation Center – "Bikes in Buses."	Volpe Presenter
Fall 2015	Asked to testify before City of Boston City Counselors on a hearing about adding cycle tracks instead of bike lanes to Boston streets to improve safety and save lives after the recent death of a surgeon who was killed by a turning truck.	Boston City Counselors Invited Guest
Fall 2015	Asked to present bike research to discourage ticketing of bicyclists for for running red lights and to offer street design and incentives to encourage good behavior by bicyclists.	Cambridge, MA City Hall Invited Guest
Summer 2016	Asked to testify before Cambridge City Council about how to Improve Inman Square after the death of a female bicyclist.	Cambridge, MA Invited Guest
Fall 2016	Proposed the Peanut Roundabout for Inman Square.	Cambridge, MA Invited Guest
Spring 2018	Presented 6 bicycle-related research ideas to MassDOT on April 26 <sup>th</sup> "Potential Research Ideas – MassDOT"	Boston, MA Invited Presenter

Annual conference lectures/posters:

April 1999	"Hospital Walks" – Invited lecturer at The Society for the Arts in Healthcare Annual Conference in Grand Rapids, Michigan.	
Oct 1999	"Bus Riders' Perceptions of Personal Safety: Investigating the Effect of Bus and Bus Stop Design Modifications" - Paper presented at the Association of Collegiate Schools of Planning Annual Conference, Chicago, Illinois.	
May 2000	"Guidelines for Aesthetic Greenways – Research Methods" and "Bus Rider's Perceptions of Personal Safety" - Posters presented at the Environmental Design Research Association Conference, San Francisco, California.	
July 2001	"From Old Street to New Street Design" – Session Chair and paper presented at the Environmental Design Research Association Annual Conference, Edinburgh, Scotland.	
Nov 2001	"Increasing Bus Ridership: Bus and Bus Stop Design Preferences Related to Perceptions of Crime" - Paper presented at the Association of Collegiate Schools of Planning Annual Conference, Cleveland, Ohio.	
June 2002	"Getting from A to B without a Car: Transportation Alternatives" - Group discussion at	

the Environmental Design Research Association Annual Conference, Philadelphia, PA.

- June 2004 “Ecological Cities: A) Three New Urban Design Concepts to Better Address Health for All Populations; B) Research Related to Destinations; C) New Healthy Environments” Ecological Cities Conference, UMass, Amherst.
- Nov 2002 “Guidelines for Greenways: Determining the Distance to, Features of, and Human Needs Met by Destinations on Multi-Use Corridors” – Paper presented at the Association of Collegiate Schools of Planning Annual Conference, Baltimore, Maryland.
- May 2003 “Pathway Destination Survey (PDS): A New Assessment Tool Related to Environments and Physical Activity” – Poster presented at the Environmental Design Research Association Annual Conference, Minneapolis, MN.
- June 2003 “Designed to Promote Use” – Paper presented at the Rails to Trails International Trails and Greenways Conference, Providence, Rhode Island.
- July 2003 “Safewalks: Inner City Greenway Case Study” – Paper presented at the Association of Collegiate Schools of Planning Annual Conference, Leuven, Belgium.
- June 2004 “Community Design and Spirited Physical Activity” Presentation at the Environmental Design Research Association Annual Conference, Albuquerque, New Mexico.
- Oct 2004 “Multi-use Paths Frequented by Minority Populations” Presentation at the Association of Collegiate Schools of Planning Conference, Portland, Oregon.
- April 2005 “Social Bridges in the Built Environment: Facilitating positive interactions between strangers while encouraging physical activity” and “Self-Identity and Sports Clothing Preferences of Female Minority Teenagers” – Presentations at the Environmental Design Research Association, Vancouver, British Columbia.
- July 2005 “Reducing Obesity and Chronic Disease through the Built Environment” – Presentation at the National Association of County & City Health Officials and the Association of State and Territorial Health Officials Conference, Boston, MA.
- Oct 2005 “Visual and Verbal Preference Survey” – Presentation and Survey at the Association of Pedestrian and Bicycle Professionals Conference, Chicago, IL.
- Oct 2005 “Pre and Post Testing of Pilot Interventions for Safe Routes to School” – Presentation at the Association of Collegiate Schools of Planning Conference, Kansas City, MO.
- April 2006 “Alternative Transportation: Future State – 2020” Harvard Vision 2020: A Bridge to Campus Sustainability,” Boston, MA.
- May 2006 “Picture Preference Survey: Responses to European Cycle Tracks” Environmental Design Research Association Annual Conference, Atlanta, GA.
- May 2006 “Safety is Job One Beyond CPTED: Psychological Principles Applied to Parks” Urban Parks, Chicago, IL.

- Nov 2006 “Built Environment Institute - New Partner Paradigm: Strategies for Bringing Built Environment Individuals into the Public Health Realm” American Public Health Association, Boston, MA.
- Oct 2007 “Social Bridges in the Built Environment: Facilitating positive interactions between strangers while encouraging physical activity” Bike Summit, Providence, RI.
- March 2010 “Bicycle riding, Walking, and Weight Gain in Premenopausal Women” poster – American Heart Association 50th Cardiovascular Disease Epidemiology and Prevention and the Nutrition, Physical Activity and Metabolism Conference , San Francisco, CA.
- March 2013 “Bicycle Parking Inside Homes: A Possible Future Path to Improve Health” poster - Environmental Health Conference, Boston, MA
- Nov 2013 “Analysis of Content Coded in Police Templates for Vehicle/Bicycle Crashes in the 50 States” poster - American Public Health Association Conference, Boston, MA.
- June 2014 “Climate Change Cycle Track” 51st IMCL International Making Cities Livable Conference, Portland, Oregon.
- Oct 2014 “Cool Hunting for Bicycle Infrastructure: Innovations to better serve bicyclists, pedestrians, and drivers” Moving Together Conference Mass DOT, Boston, MA.
- Sept 2016 “Using the Bicycle to Green the Urban Core” American Planning Association New York Upstate Chapter, Buffalo, NY.

Keynote or presenter at professional conferences:

- 1988-1996 Paid keynotes on greenways, fund raising, and bicycle topics in 21 states, British Columbia, Quebec, Ontario, and England.
- 1997 Paid Keynote, “Greenway Creation” Kentucky and Tennessee American Planning Association Conference, Kentucky.
- 1999 Paid Keynote, “Safewalks – Inner City Greenways” – Keep America Beautiful Annual Conference, Washington, D.C.
- 2002 Paid Lecturer, Federal Transit Administration. “Bus and Bus Stop Designs Related to Perceptions of Crime” – Hawaii, California, D.C., Boston, Cleveland, Florida, Puerto Rico.
- 2003 Paid Participant, Urban Land Institute Forum on Pedestrian-Oriented Development, D.C.
- 2003 Keynote, Boston Greenspace Alliance Annual Conference, “New Urban Forms That Encourage Physical Activity” Boston Public Library, MA.
- 2003 Speaker, “Connecting the South Bay Harbor Trail with 29F (Charles River Basin) Parks via the Wharf District Boston Redevelopment Authority” Greenway research, Boston, MA
- 2003 Speaker, Altwheels Workshop at the Larz Anderson Museum, “Boston: Designing a Model City for Health Incorporating multi-use paths for slowly bicycling, jogging, and in-line Skating,” Boston, MA.

- 2003 Coordinator and Speaker, “Promoting Physical Activity and Health by Urban Design” Conference – Harvard School of Public Health and Harvard Design School, Boston, MA.
- 2004 Speaker, Sister to Sister - Everyone Has a Heart – Women’s Day Conference “Destinations: How to use the environment to motivate you to walk, bicycle, jog, and in-line skate farther,” Boston, MA.
- 2004 Keynote, Brookline Greenspace Alliance “Bike, Jog, In-line Skate Throughout Brookline: New Urban Design Forms,” Brookline, MA
- 2004 Keynote, New England Coalition for Health Promotion and Disease Prevention (NECON) New England Healthy Weight Summit Conference, “Travel Corridors and Destinations: Promises in the Environment for Physical Activity,” Woodstock, VT.
- 2004 Speaker, American Association of State Highway and Transportation Officials (AASHTO) Non-motorized Technical Committee Meeting: Bicycles, Pedestrians, Planes, Trains, and Automobiles, Port Angeles, Washington.
- 2004 Speaker, Northern New England Chapter of the American Planning Association, Designing for Active Living – “Designing Communities to Enable Health,” Montpelier, VT.
- 2004 Paid Keynote, Kingsport Tomorrow – Regional Partners in Action Forum – Health, Wealth, Landscape, and Culture – “Travel Corridors (Physical Activity) and Destinations (Health Enterprise Zones),” Kingsport, Tennessee.
- 2004 Speaker, Build Boston – Boston Society of Architects conference “Applied research in design practice: lessons from leading practitioners,” Boston, MA.
- 2004 Speaker, Build Boston – Boston Society of Architects conference –Perspectives, the marketplace and trends – “National Marketplace and Trends: Three New Urban Design Concepts to Better Address Health for All Populations,” Boston, MA.
- 2004 Paid Speaker, Maine Smart Growth Summit “Designing Communities to Enable Health,” Maine.
- 2005 Paid Speaker – Shoreline Greenway, “Lessons from the Stowe Recreation Path and Research on Greenway Destinations: Application to the Shoreline Greenway,” Connecticut.
- 2005 Paid Speaker, Digitas – “Environment and Behavior Principles as Applied to Marketing,” Massachusetts.
- 2005 Paid Consultant and Speaker, “Tell City Greenway: A shared-use path system for leisure and pleasure with human-need destinations” Greenway System, Perry County, Indiana.
- 2005 Paid Consultant and Speaker – Collingwood, Ontario Trails and Bicycle Path System “Destinations: Rewards for bicycling, jogging, in-line skating, and walking,” Collingwood, Ontario.
- 2006 Invited Speaker, AASHTO Conference, “Physical Activity, Health, Urban Form

- and AASHTO,” Washington.
- 2007 Invited Speaker, “Greenway Workshop: Cycle Tracks for Allston/Brighton Harvard Campus” Allston, MA.
- 2008 Paid Speaker, Jackson Hole, Wyoming “You Don’t Even Know You’re Biking: Maximizing Bicycling in Jackson Hole” Greenways and Destinations, Jackson Hole, WY.
- 2009 Paid Writer and Speaker, BicycleCity.com Responded to a set of questions for website
- 2009 Paid Speaker, Burlington Bikefest – “Bicycle Environments and Public Health,” Vermont
- 2009 Speaker, Allston/Brighton - “Bicycling by Women: A predictor of less weight gain and reasons to create comfortable bicycle environments,” Allston/Brighton, MA.
- 2010 Speaker – Metropolitan Area Planning Council – “Bicycles in Boston and the Public Health Connection,” Boston, MA.
- 2010 Speaker and design charrette organizer, NEXUS “Bike Integrating Cycle Tracks: A Design Charrette for Greener Cities” - aerial maps, trace, facilitators, and 30 attendees to design bicycle facilities in the Boston area, Boston, MA.
- 2010 Speaker, New England Bike Summit – “Fifty/Fifty Infrastructure: Half dedicated space for pedestrians and half for bicyclists” – Providence, RI.
- 2010 Speaker, “Bicycle City & Joy: Establishing a Design Criteria” Gaston, South Carolina.
- 2011 Speaker, City of Boston – “City of Boston: Cycle Track in Roxbury, Mattapan, and Dorchester,” Boston, MA.
- 2011 Paid Speaker, AECOM – “Bicycle Safety and New Considerations: All populations, pollution exposure, and socializing,” Westford, MA.
- 2011 Paid Speaker, Shanghai, Nanjing, Hangzhou, and Harbin, China about bicycle facilities and health for two weeks.
- 2012 Paid Speaker, Newcastle, Sydney, Melbourne, Tasmania, and Adelaide, Australia about bicycle facilities and health for two weeks.
- 2013 Lecturer, Fit City Conference - “MET Route: A Brand New Measure,” Boston, MA.
- 2013 Lecturer, McGill University at the Hands on Sustainable Urban Mobility conference - “Promoting public health through built environment and design,” Montreal, Canada.
- 2013 Lecturer, Washington State University in Seattle at the Bicycle Urbanism Symposium “MET Route: A Brand New Measure,” Seattle, Washington.
- 2014 Paid Keynotes for two days, “Oklahoma – 1 Better” - Oklahoma Bike Summit.
- 2014 Paid Keynote, “Innovations in Walking and Biking in Burlington: Inspiration from the University-and-Hospital Town of Erlangen, Germany,” Burlington, Vermont.

- 2015 Lecturer, “Bike Bus: Addressing the Issue of Distance” Bicycle Urbanism Summit II, Virginia Commonwealth University, Richmond, Virginia.
- 2015 Invited Lecturer, “Protecting Cyclists/Saving Lives: What the Evidence Tells Us” Transportation Nudges: Experiments in Urban Mobility, Boston University, Boston, MA.
- 2017 Invited presenter - LeadingAge conference. “Integrating Biking into Senior Living Design” New Orleans, Louisiana.
- 2018 Invited presenter – Bike-On Open House “Integrating Bicycling into Senior Living Design” February 1 to non-profit therapists. Warwick, RI.
- 2018 Invited presenter – Bike-On Open House “Integrating Bicycling into Senior Living Design” April 20 to staff from senior living housing complexes. Warwick, RI.

## BIBLIOGRAPHY

### Peer Reviewed Publications

1. **Lusk, A,\*** Mekary, R,\* Feskanich, D, Willett, W. Bicycle Riding, Walking, and Weight Gain in Premenopausal Women. *Archives of Internal Medicine*. 2010; Vol 170 (no. 12) June 28: 1050-1056.
2. **Lusk, A,** Furth, P, Morency, P, Miranda-Moreno, L, Willett, W, Dennerlein, J. Risk of injury for bicycling on cycle tracks versus in the street. *Injury Prevention*. 2011; Feb 9 17: 131-135.
3. Asgarzadeh, M, **Lusk, A,** Koga, T, Hirate, K. Measuring oppressiveness of streetscapes. *Landscape and Urban Planning*. 2012; 107: 1-11.
4. **Lusk, A,** Morency, P, Miranda-Moreno, L, Willett, W, Dennerlein, J. Bicycle Guidelines and Crash Rates on Cycle Tracks in the United States. *American Journal of Public Health*. 2013; July, 103(7): 1240-1248.
5. **Lusk AC,** Morency P, Miranda-Moreno LF, Willett WC, Dennerlein JT. “Response to: Cycle Track Safety Remains Unproven.” *American Journal of Public Health*. 2013 Oct;103(10) Epub 2013 Aug 15.
6. **Lusk, A,** Wen, X, Zhou, L. Gender and Used/Preferred Differences on Bicycle Routes, Parking, Intersection Signals, and Bicycle Type: Professional Middle Class Preferences in Hangzhou, China. *Journal of Transport and Health*. 2014; 1: 124-133.
7. Asgarzadeh, M, Koga, T, Hirate, K, Farvid, M, **Lusk, A.** Investigating oppressiveness and spaciousness in relation to building, trees, sky and ground surface: A study in Tokyo. *Landscape and Urban Planning* 2014; 131:36–41.
8. **Lusk, A,\*** Asgarzdeh, A,\* Farvid, M. Database improvements for motor vehicle/bicycle crash analysis. *Injury Prevention*. 2015; 21: 221-230.



9. Bonges, H, **Lusk, A.** “Addressing electric vehicle (EV) sales and range anxiety through parking layout, policy and regulation.” *Transportation Research Part A: Policy and Practice*, 2016; 83: 63-73.
10. **Lusk, A.** Anastasio, A, Shaffer, N, Wu, J, Li, Y. “Biking Practices and preferences in a low income, primarily minority neighborhood: Learning what residents want.” *Preventive Medicine Reports*, 2017.
11. Yuan, C, Sun, Y, Lv, J, **Lusk, A.** (2017) “Cycle Tracks and Parking Environments in China: Learning from College Students at Peking University.” *International Journal of Environmental Research and Public Health*. August, 14, 2017, 930.
12. Alveano-Aguerreberere I, Javier Ayvar-Campos F, Farvid M, **Lusk A.** “Bicycle Facilities That Address Safety, Crime, and Economic Development: Perceptions from Morelia, Mexico.” *International Journal of Environmental Research and Public Health*. 2017;15(1).

### Chapters

1. **Lusk, A.** Promoting Health and Physical Activity Through Urban Design. In: Platt, RH, eds. *The Humane Metropolis: People and Nature in the 21st Century City*. Amherst: The University of Massachusetts Press, 2006:87-101.
2. **Lusk, A.,** Li, Y. (2014) “Bicycling, health and weather-related disasters: Potential data to better predict risk.” Swiss Re Centre for Global Dialogue - Risk Dialogue Series on Health Risk Factors in China, 61-71.

### Federal Publications:

1. **Lusk, A.** Case Study No. 6: Analysis of Successful Grassroots Movements Relating to Pedestrians and Bicycles and A Guide on How to Initiate a Successful Program. National Bicycling and Walking Study. U.S. Department of Transportation. Federal Highway Administration. 1993; FHWA-OD-93-024
2. **Lusk, A.** Bus and Bus Stop Designs Related to Perceptions of Crime. Federal Transit Administration. 2001; FTA-MI-26-7004-2001.8.

### Professional publications (booklets, articles, conference proceedings, letters to the Editor)

1. **Lusk, A.** How to Build a Path in Your Community. Vermont Department of Forests, Parks, and Recreation. 1986
2. **Lusk, A.** Greenway in Vermont. *Parks and Recreation Magazine*. January. 1989: 70-75.
3. **Lusk, A.** Creating Excellence. *Vermont’s Journal for People in Growing Businesses*. February/March; 1990.
4. **Lusk, A.** The Grassroots Reach for the Sky. National Park Service. Northeast Recreation Research Symposium paper for conference proceedings. 1991.
5. **Lusk, A.,** D. Dustin. Greenways for All Seasons. *Winter Cities*. Alberta, Canada; 1992.

6. **Lusk, A.** Planning Paths for Your Community. *Planning Commissioners Journal*. May/June; 1993.
7. **Lusk, A., G.** Plumb The Greening of America. *Parks and Recreation Magazine*. August, 1993: 46-51,53,73,75.
8. **Lusk, A.** The GreenWAYing of America. *Bicycle Reference Book*. Bicycle Institute of America. 1993-1994; 11-13.
9. **Lusk, A.** Safewalks. *Planning Commissioner's Journal*. Fall, 1994: 14-15.
10. **Lusk, A.** Safewalks: Neighborhood Stroll to Peaceful Existence. *Parks and Recreation Magazine*. August, 1995: 44-49.
11. **Lusk, A.** ISTEA Funding: Get Your Trail in Gear. *Parks and Recreation Magazine*. August, 1996: 58-61.
12. **Lusk, A.** (1998). Review of *The Urban Oasis*, by Roxanne Warren. *Journal of the American Planning Association*. Summer; 1998; 64(3): 369-370.
13. **Lusk, A.** and W. Willett. A multi-use path downtown. *Op Ed Boston Globe*. August, 2003: A15.
14. **Lusk, A.** Progressive Planning: The Magazine of Planners Network. Theme Editor. Fall, 2003; 157.
15. **Lusk, A.** BladeNight in Europe: A Weekly Event. *Progressive Planning: The Magazine of Planners Network*. 157 Fall, 2003; 157: 34-35.
16. **Lusk, A.** Designing the Active City: The Case for Multi-Use Paths. *Progressive Planning: The Magazine of Planners Network*. Fall, 2003; 157:18-21.
17. **Lusk, A.** A Healthy Society Begins with Smart Design. *Structures: A Supplement to Banker & Tradesman and The Commercial Record*. November, 2004; 6, 17.
18. Open review for Reynolds, C, Harris, M, Teschke, K, Cripton, P, Winters, M. (2009) "The impact of transportation infrastructure on bicycling injuries and crashes: A review of the literature" *Environmental Health*. October, 2009; 8:47.
19. **Lusk, A,** Morency, P, Miranda-Moreno, M, Willett, W, Dennerlein, J. Response: Underscoring the Benefits of Cycle Tracks. *Injury Prevention Letters*. June 27, 2011.
20. **Lusk, A,** Furth, P, Morency, P, Miranda-Moreno, L, Willett, W, Dennerlein, J. Response: In Montreal, no greater risk on cycle tracks. *Injury Prevention Letters*. August, 17, 2012.
21. **Lusk, A.** A History of Bicycle Environments in China: Comparisons with the US and the Netherlands. *Harvard Asia Quarterly Winter, Second Chapter*, 2012; Vol. XIV, No. 4, 16-27.
22. **Lusk, A,** Morency, P, Miranda-Moreno, L, Willett, W, Dennerlein, J. Response: Old hypothesis that roads are safer than cycle tracks unsupported by data. *Injury Prevention Letters*. September 27, 2012.

23. **Lusk, A.** U.S. Federal Highway Administration’s new policy informed by cycle track research. Injury Prevention. Editor’s Blog/Guest Blog. September 20, 2013.
24. **Lusk, A.** in partnership with the League of American Bicyclists and the U.S. Environmental Protection (EPA) and with support from the Helen and William Mazer Foundation. (2016)  
“Promoting Bicycling through Creative Design: Innovations for Bicycles and Cycling Facilities.”