

JONATHAN A. CHILDERS
CURRICULUM VITAE – NOVEMBER 2014

College of Built Environments & School of Public Health - Dept of Environmental and Occupational Health Sciences University of Washington Seattle	100 NE 52 nd Street Seattle, WA 98105 jaragorn@uw.edu 206.426.6040
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EDUCATION

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| 2016
(Expected) | PhD in the Built Environment - Sustainable Systems and Prototypes
University of Washington, Seattle. Research interests: decision-making, environmental democracy, political ecology, and public health. Advisor: Bob Mugerauer |
| 2014 | Master of Public Health - Environmental and Occupational Health
University of Washington, Seattle. Research: Engaging Environmental Democracy– Tracing the Impact of the Duwamish HIA: Evaluation via Interpretative Phenomenological Analysis. Advisor: William Daniell |
| 1999 | Master of Urban and Regional Planning - Environmental Planning and Policy
Virginia Tech, Blacksburg. Research: Guidelines for Community Land Conservation |
| 1997 | Bachelor of Science - Biology , Virginia Tech, Blacksburg |

EMPLOYMENT HISTORY

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| 2007-2009 | Senior Urban/Environmental Planner , Douglass Consulting, Seattle, WA
Completed tribal and federal comprehensive environmental evaluations, biological assessments, wetland determinations and natural resource inventories, aquatic resource mitigation plans, and environmental permitting. |
| 2006-2007 | Senior Urban/Environmental Planner , Perteet Inc., Seattle, WA
Conducted federal and state environmental evaluations and permitting, route development planning, and GIS mapping and spatial analysis, for local, state, and interstate multi-modal transportation projects. |
| 2000-2005 | Urban/Environmental Planner & Project Manager , EDAW, Seattle & Washington DC
Managed tribal and federal environmental evaluations and permitting; resource management plans; GIS mapping and spatial analysis; biological assessments; sustainable community development plans; and project feasibility evaluations. |
| 1999-2000 | Housing Development Supervisor , NVR Inc., Merrifield, VA
Administered budgets, schedules, inspections, permitting, site engineering and development, materials handling, subcontractor oversight, site safety, and quality assurance for all phases of housing development. |
| 1994-1995 | Environmental Technician , Frederick County Public Works, Winchester, VA
Designed wetland system for bioremediation of landfill leachate, oversaw construction of leachate treatment facility, conducted refuse composition surveys, and monitored gas production from closed landfill cells. |

AWARDS & HONORS

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| 2014 | School of Public Health Gilbert S. Omenn Award for Academic Excellence, University of Washington, Seattle |
| 2013 | Presenter's Scholarship, 2 nd Nat'l Health Impact Assessment Meeting, Washington D.C. |
| 2011-2012 | Nellis Fellowship and Graduate School Fund for Excellence and Innovation, Top Scholar Award, College of Built Environments, University of Washington, Seattle |

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(AWARDS & HONORS continued:)

1993-1997 National Merit Scholar, Robert C. Byrd State Scholar, Phi Sigma National Biological Honor Society, Virginia Tech, Blacksburg

TEACHING EXPERIENCE

Winter 2015 Teaching Associate: “Global Environmental and Occupational Health.” Expected enrollment: 50 graduate students. School of Public Health, University of Washington, Seattle

Autumn 2014 Teaching Assistant: “Introduction to the History and Practice of Public Health.” 136 undergraduate students. School of Public Health, University of Washington, Seattle

Winter 2014 Teaching Assistant: “Global Environmental and Occupational Health.” 51 graduate students. School of Public Health, University of Washington, Seattle

Winter 2013 Teaching Assistant: “Global Environmental and Occupational Health.” 48 graduate students. School of Public Health, University of Washington, Seattle

GUEST LECTURES

Fall 2014 “*Engaging Environmental Democracy in Seattle’s Duwamish Valley.*” Environmental Design and Well-Being, College of Built Environments. University of Washington, Seattle

Spring 2014 “*Subverting Disciplinary Power: Seeking cross cutting terms of agreement on Duwamish Valley well-being.*” Intro to Urban Planning. Urban Studies Program. University of Washington, Tacoma

Spring 2013 “*Ethics in Research.*” Interdisciplinary Ethics Seminar: Ethics & the Environment. College of Built Environments. University of Washington, Seattle

COURSE DEVELOPMENT

2012-2015 Co-developer of case-based active learning curriculum for “Global Environmental and Occupational Health.” School of Public Health. University of Washington, Seattle

RESEARCH EXPERIENCE

ACADEMIC APPOINTMENTS

2013-present Lead Researcher, *Qualitative Analysis and Evaluation of Duwamish HIA*, Seattle, WA. Principal Investigator: Bill Daniell, MD, MPH; University of Washington, Seattle, WA. Conducted interviews, focus groups, and qualitative evaluation of the impact of the Duwamish Superfund Cleanup Health Impact Assessment.

2012-2013 Research Assistant, *Duwamish River Superfund Cleanup Health Impact Assessment*, Seattle, WA. Principal Investigator: Bill Daniell, MD, MPH; University of Washington, Seattle, WA. Conducted evaluation of Duwamish Cleanup health effects on Tribes, non-tribal fishers, residential communities, and Duwamish Valley industrial workers. Facilitated stakeholder involvement, and conducted HIA process evaluation.

1998-1999 Research Assistant, *New River Parkway Land Management System and Environmental Impact Statement*, Hinton, WV. Principal Investigator: Lee Skabelund, ASLA; Virginia Tech, Blacksburg, VA. Conducted environmental evaluation, assisted Land Management System design, and facilitated stakeholder participation for New River Parkway in Hinton, WV.

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(RESEARCH EXPERIENCE continued:)

1997-1998 Research Assistant, *Wyoming to Cloverdale 765kV Transmission Line Environmental Impact Statement*, Blacksburg, VA. Principal Investigator: Ben Johnson, ASLA; Virginia Tech, Blacksburg, VA. Conducted ecological surveys and analysis, environmental impact assessment, and mitigation design for power line corridor from Wyoming, WV to Cloverdale, VA.

CONSULTING APPOINTMENTS

2007-2009 Project manager, lead planner and author for Lummi Nation, *New Lummi Tribal Center - Environmental Assessment*

2006-2007 Environmental planner and author for Washington State Department of Transportation, *State Route 167 Extension - Environmental Impact Statement & Biological Assessment*

2003-2005 Project manager, lead planner and author for U.S. Coast Guard, *Station Monterey Redevelopment - Environmental Assessment and Permitting Plan*

2002-2003 Project manager, lead planner and author for U.S. Secret Service, *Secret Service Training Center Master Plan – Environmental Assessment*

2002-2003 Project manager, lead planner and author for National Park Service, Washington D.C. Mayoral Mansion Land Exchange Agreement – Environmental & Biological Assessment

2002-2003 Environmental planner and author for National Park Service *Great Falls National Park General Management Plan & Environmental Impact Statement.*

2002-2003 Project manager, lead planner and author for U.S. Navy *Naval Facilities Engineering Command Mid-Atlantic Regional Waterfront Plan*

2001-2002 Deputy project manager and lead author for National Park Service *Washington Monument Security Improvements - Environmental Assessment*

2001-2002 Project manager, lead planner and author for Mary Washington College *Belmont Studio Renovation - Environmental Impact Report*

PUBLICATIONS

MANUSCRIPTS IN PREPARATION

2014 Childers J, Daniell W. Engaging Environmental Democracy- Tracing the Impact of the Duwamish HIA: Evaluation via Interpretative Phenomenological Analysis

2014 Childers J, Daniell W. Health Impact of Gentrification Spurred by the Lower Duwamish River Superfund Cleanup

PUBLIC HEALTH PRACTICE

Sept 2013 Daniell W, Gould L, Cummings BJ, Childers J, Lenhart A. *Health Impact Assessment: Proposed Cleanup Plan for the Lower Duwamish Waterway Superfund Site [“Duwamish HIA”]; Final Report.* Seattle, WA: University of Washington, Just Health Action, and Duwamish River Cleanup Coalition/ Technical Advisory Group. Seattle, WA

Sept 2013 Daniell W, Gould L, Cummings BJ, Childers J, Lenhart A. *Duwamish HIA; Technical Report: Resources and methods.* Seattle, WA

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(PUBLICATIONS continued:)

- Sept 2013 Childers J, Cummings BJ, Daniell W, Gould L, Lenhart A. *Duwamish HIA; Technical Report: Effects of the proposed cleanup plan on local residents*. Seattle, WA
- Sept 2013 Daniell W, Childers J, Gould L, Cummings BJ, Lenhart A. *Duwamish HIA; Technical Report: Effects of the proposed cleanup plan on health of workers and employment in Lower Duwamish area industries*. Seattle, WA
- Sept 2013 Gould L, Cummings BJ, Daniell W, Lenhart A, Childers J. *Duwamish HIA; Technical Report: Effects of the proposed cleanup plan on Tribes*. Seattle, WA
- Sept 2013 Lenhart A, Daniell W, Cummings BJ, Gould L, Childers J. *Duwamish HIA; Technical Report: Effects of the proposed cleanup plan on subsistence fishing populations*. Seattle, WA
- Sept 2013 Gould L, Daniell W, Lenhart A, Cummings BJ, Childers J. *Duwamish HIA; Technical Report: Institutional controls and health*. Seattle, WA
- June 2013 Daniell W, Gould L, Cummings BJ, Childers J, Lenhart A. *Duwamish HIA; Public Comment Report*. Seattle, WA
- May 2013 Daniell W, Gould L, Cummings BJ, Childers J, Lenhart A. *Duwamish HIA; Advance Report*. Seattle, WA: University of Washington, Just Health Action, and Duwamish River Cleanup Coalition/Technical Advisory Group. Seattle, WA

OTHER SCHOLARLY WORKS (PUBLISHED BY PUBLIC AGENCIES WITHOUT AUTHOR IDENTIFICATION)

- 2009 *New Lummi Nation Tribal Center Environmental Assessment*; Lummi Nation Planning Department and US Department of Agriculture Rural Development
- 2009 *Juanita Beach Park Master Plan Phase I*; City of Kirkland Department of Parks
- 2007 *State Route 202 Development Plan*; Washington State Department of Transportation
- 2007 *2008 Seattle Arterial Asphalt and Concrete Streets Environmental Review*; Seattle Department of Transportation
- 2006 *2006 Flood Project Programming*; Snohomish County Public Works
- 2006 *Terry's Corner Intersection Improvements Environmental Analysis*; Island County and Washington State Department of Transportation
- 2005 *State Route 167 Environmental Impact Statement and Biological Assessment*; Washington State Department of Transportation and Federal Highway Administration
- 2005 *Sauk River Road Reconstruction Environmental Assessment*; Sauk-Suiattle Tribe and FEMA
- 2005 *Integrated Support Command Seattle Master Plan Environmental Assessment*; U.S. Coast Guard
- 2004 *Station Monterey Redevelopment Environmental Assessment and Permitting Plan*; U.S. Coast Guard
- 2003 *Diamondhead Casino Environmental Impact Statement*; U.S. Army Corps of Engineers

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(PUBLICATIONS continued:)

- 2003 *U.S. Secret Service Training Center Master Plan Environmental Assessment*; U.S. Secret Service and General Services Administration (GSA)
- 2003 *D.C. Mayoral Mansion NPS Land Exchange Agreement Environmental Assessment and Biological Assessment*; National Park Service
- 2003 *Navy Annex Federal Building 2 Environmental Assessment*; Department of Defense
- 2003 *Great Falls National Park General Management Plan and Environmental Impact Statement*; National Park Service
- 2003 *Mid-Atlantic Regional Waterfront Plan*; Naval Facilities Engineering Command
- 2002 *Smithsonian Security Improvements Environmental Assessment*; Smithsonian Institution
- 2002 *Washington Monument Security Improvements Environmental Assessment*; National Park Service
- 2002 *Feasibility Analysis for Potomac River Boathouse*; National Park Service
- 2002 *Mid-Atlantic Regional Bachelor Quarters Plan*; Naval Facilities Engineering Command
- 2001 *James Madison CISAT Master Plan Environmental Impact Review*; James Madison University
- 2001 *Naval Support Activity Recapitalization Plan*; Naval Facilities Engineering Command
- 2000 *Suitland Federal Center Master Plan Environmental Impact Statement*; GSA
- 1999 *New River Parkway Environmental Impact Statement and Parkway Land Management System*; West Virginia Department of Highways and Federal Highway Administration
- 1998 *AEP Wyoming-Cloverdale 765kV Power Line Environmental Impact Statement*; U.S. Forest Service

PRESENTATIONS

- May 2014 “Next Steps: Toward cross-cutting terms of agreement on Duwamish Valley well-being” Colloquium presentation, College of Built Environments, University of Washington, Seattle
- April 2014 Opening Remarks. B.E. Connected - Symposium on Integration and the Built Environment, Built Environment PhD program, College of Built Environments, University of Washington, Seattle
- Feb 2014 “Transcending disciplinary power: seeking cross-cutting terms of agreement on Duwamish Valley well-being.” Colloquium presentation, College of Built Environments, University of Washington, Seattle
- Jan 2014 “Health Impact of Gentrification Spurred by Duwamish River Superfund Cleanup.” Poster presentation, Environmental & Occupational Health Conference, Semiahmoo Resort, WA
- Aug 2013 “Health Impact of Gentrification Spurred by Duwamish River Superfund Cleanup.” Poster presentation, National Health Impact Assessment Meeting, Washington, DC

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(PRESENTATIONS continued:)

- Aug 2013 “Recommendations to maximize health benefits, minimize impacts, and reduce health inequities of Proposed Duwamish River Cleanup Plan.” Panel presentation on Waterways and Human Health, National Health Impact Assessment Meeting, Washington, DC
- May 2013 Panelist on “Interdisciplinary Research.” B.E. More - Symposium on Interdisciplinarity and the Built Environment, Built Environment PhD program, College of Built Environments, University of Washington, Seattle
- May 2013 “Evaluating the Duwamish River Cleanup Health Impact Assessment.” Poster presentation, Student Research Day, Department of Environmental and Occupational Health Sciences, University of Washington, Seattle
- Oct 2012 “Neighborhood design, physical activity, and local air pollution: complex interactions and trade-offs affecting health outcomes.” Environmental Health Readings, Department of Environmental and Occupational Health Sciences, University of Washington, Seattle
- April 2012 “Critique of Health Impact Assessment for North Slope Oil Development.” Health Impact Assessment course, College of Built Environments, University of Washington, Seattle
- Jan 2012 “Exploring Political Ecology in Impact Assessment.” Colloquium presentation, College of Built Environments, University of Washington, Seattle

SERVICE

UNIVERSITY OF WASHINGTON

- 2014 Collaborator with William Daniell of UW, Tao Kwan-Gett of the Northwest Center for Public Health Practice, and Ngozi Oleru of Seattle King County Public Health on proposed Health Impact Assessment Program. Funding proposal submitted to Pew/RWJF Health Impact Project, April 2014. [not funded]
- 2012-present Liaison and advisor for students with interests bridging UW’s School of Public Health and College of Built Environment. In response to requests from Public Health and Built Environment faculty, provided academic and professional guidance, regarding interaction between health and built environment fields, for past, current, and prospective students.
- 2013-2014 Co-chair event planner and “Resilience” panel facilitator, *B.E. Connected – A Symposium on Integration and the Built Environment*, April 2014, Built Environment PhD program, College of Built Environments
- 2013 Member. Master of Public Health Curriculum Review Work Group, School of Public Health
- 2013 Collaborator with William Daniell of UW, Steve White of Oregon Public Health Institute, and Melissa Ahearn of Washington State University, to develop plans and proposal for conducting Health Impact Assessment of prospective coal terminal development along the northwest coast. [not funded]
- 2013 Thesis advisor for Leanne Andrews, Master’s of Landscape Architecture and Global Health Certificate candidate, College of Built Environments and School of Public Health

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- 2012-2013 Investigator for Health Impact Assessment of the Proposed Lower Duwamish River Superfund Cleanup Plan. Conducted stakeholder involvement with tribal and residential Community Advisory Committees, gathered data and conducted technical analysis regarding health impacts of concern to vulnerable populations. Primary responsibility for assessing potential community gentrification and revitalization impacts; joint responsibility for assessment of potential impacts on industry workers and employment.
- 2012-2013 Event planner and panelist, *B.E. More - A Symposium on Interdisciplinarity and the Built Environment*, May 2013, Built Environment PhD program, College of Built Environments

PROFESSIONAL

- 2010-present Board Chair and Environmental Health Planner, World Watershed Alliance, Seattle, WA. Supervised organizational formation and administration, assisted project planning and proposals, and provided technical guidance for sustainable resource management projects to provide: safe water to vulnerable populations of Tibetan settlements in exile; and food/economic security via networked small-scale urban agriculture in Chicago.
- 2012 Master of Public Health Practicum, Duwamish River Cleanup Coalition/Technical Advisory Group, Seattle, WA. Assessed potential health impacts in Georgetown and South Park neighborhoods (adjacent to Duwamish Superfund site) from Cleanup-spurred reinvestment, revitalization, and gentrification.
- 2005 Green Building, Garden Escapes Inc., Christchurch, New Zealand. Designed and constructed affordable and ecologically sustainable straw bale/earth-plaster housing.
- 2005 Ecological Restoration, Habitat Restoration Services, Christchurch, New Zealand. Removed invasive vegetation to restore native growth in Canterbury region wetland and bush ecosystems.
- 2004 Ecological Restoration, Seattle Public Utilities, Seattle, WA. Removed slash from thinned second-growth forest to restore native understory in Cedar Creek Watershed.
- 2003 U.S. Peace Corps, Former Yugoslavian Republic of Macedonia. Conducted community development and environmental management and education in Kocani region of northern Macedonia (evacuated from nation due to security concerns).
- 2000-2002 Site Selection Committee, Habitat for Humanity, Northern Virginia. Contributed housing development experience as member of Site Selection Committee in initiatives to locate, acquire, and develop plans for new affordable housing sites.

EDUCATIONAL OUTREACH

- 2010-2012 Coach, Seattle Woodland Soccer Club and Vashon Island Soccer Club
- 2005-2006 Organizer/facilitator, Voluntary Simplicity Seminar, Seattle, WA
- 2004 Environmental educator, interfaith environmental education course, Seattle, WA
- 2003 Environmental educator, U.S. Peace Corps, Republic of Macedonia
- 2002 Naturalist/guide, Mason Neck National Wildlife Refuge, Mason Neck, VA

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(SERVICE continued:)

- 2000-2003 Founder/wilderness guide, EDAW Outside, EDAW|AECOM, Alexandria, VA
- 2000 Coach, Marine Corps Marathon training program, Washington DC
- 1996-1999 River guide, Tangent Outfitters, Radford, VA
- 1995-1997 Resident Advisor/staff coordinator, Virginia Tech Residential Programs, Blacksburg, VA
- 1994 Head counselor/wilderness guide, Camp Peaks of Otter, Peaks of Otter National Park

PROFESSIONAL DEVELOPMENT

- 2012-2014 Annual fall workshops, teaching and instructional technology training, Center for Teaching and Learning, University of Washington, Seattle
- 2012 Health Impact Assessment training, Health Impact Project grant technical assistance
- 2012 Health Impact Assessment course, professor Andy Dannenberg, University of Washington, Seattle
- 2006 Qualification as Biological Assessment Author for Washington State Department of Transportation
- 2006 Revised Wetland Rating System for Western Washington, Washington Department of Ecology
- 2005 Experiential education curriculum, Christchurch College of Education, New Zealand
- 2003 Environmental Management and Education training, U.S. Peace Corps, Republic of Macedonia
- 2002 Leadership in Energy and Environmental Design training, U.S. Green Building Council
- 2000-2005 Project Management training, EDAW Inc.
- 1999-2000 Homebuilding Operations Production Training Program, NVR Inc.

SOFTWARE EXPERIENCE

Microsoft Office (25 years); Adobe Acrobat (20 years); ESRI ArcGIS (5 years); Microsoft Project (3 years); Stata (3 years)

AFFILIATIONS

- 2014-present Society of Practitioners of Health Impact Assessment
- 2013-present Northwest Health Impact Assessment Network
- 2011-present Critical theory reading group, University of Washington
- 2000-2010 American Planning Association

REFERENCES

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William Daniell, MD, MPH; Associate Professor in Environmental and Occupational Health Sciences, University of Washington, Seattle, WA; Email: bdaniell@uw.edu, Tel: 206.685.3160

Bob Mugerauer, PhD; Professor in Urban Design and Planning. Director of PhD program in the Built Environment, University of Washington, Seattle, WA; Email: drbobm@uw.edu

Lee Skabelund, ASLA; Associate Professor in Landscape Architecture and Regional/Community Planning, Kansas State University, Manhattan, KS; Email: lskab@ksu.edu, Tel: 785.532.2431