

Curriculum Vitae

Rutgers University (UMDNJ Legacy) format

DATE: Last updated late May-mid June 2019 to reflect fall 2018-spring 2019 updates known

NAME: Derek G. Shendell

PRESENT TITLE:

Associate Professor

and,

Doctoral Coordinator;

and,

Director of the New Jersey Safe Schools Program.

Also, Adjunct Associate Professor, Jockey School of Public Health and Primary Care, Chinese University of Hong Kong, SAR, CHINA (currently 19 January 2015 to 30 June 2020, including being the external advisor to the undergraduate public health environmental field studies course, PHPC3018)

PRESENT OFFICE ADDRESS:

School of Public Health,

Department of Environmental and Occupational Health,

Rutgers Biomedical and Health Sciences,

683 Hoes Lane West, 3rd Floor SPH Building (office 384, lab 376),

Piscataway, NJ 08854;

(And, as grant-funded secondary office for staff/student team of NJ Safe Schools Program and CSCBRE):
683 Hoes Lane West, 3rd Floor SPH Building (suite 399),
Piscataway, NJ 08854;

E-MAIL ADDRESS: shendedg@sph.rutgers.edu (alternate: derek.g.shendell.96@alum.dartmouth.org)

CITIZENSHIP: U.S.A.

EDUCATION (chronological order):

K-12 completed in Stamford Public Schools, Stamford, Connecticut

Undergraduate

Dartmouth College, Hanover, New Hampshire. June 1996

AB, Chemistry with Environmental Studies, *cum laude*,

minor in Spanish: U.S. Hispanic/Latin American Literature

Certificate, Universidad Autónoma de Querétaro, Escuela de Idiomas, México, 1994

Graduate and Professional Education:

Yale University School of Medicine, Department of Epidemiology and Public Health

New Haven, CT. May 1998

MPH “with *Distinction*” in Environmental Health Sciences (Epidemiology, Policy)

Master’s Thesis: “PM2.5 Exposure Assessment and Source Apportionment: Guatemala”

University of California, Los Angeles, School of Public Health

Los Angeles, CA. February 2003

DEnv, Environmental Science and Engineering Program

Dissertation: “Assessment of Organic Compound Exposures, Thermal Comfort

Parameters, and HVAC System-Driven Air Exchange Rates in Public School

Portable Classrooms in California.”

ADDITIONAL TRAINING:

Designing population-based community environmental or occupational exposure and health studies with probability sampling designs. International Society of Exposure Science, Tucson, AZ, 10/05.

Geographic information system update, US Centers for Disease Control & Prevention, Atlanta, GA, 5/07.

Asthma educator institute, American Lung Association, Kansas City, MO, 6/07.

US Department of Labor-Occupational Safety & Health Administration, OSHA 10 General Industry, 10/13.

EMPLOYMENT (chronological order, most recent first)

Academic Appointments:

1/2008-present

School of Public Health, Rutgers Biomedical and Health Sciences, School of Public Health (SPH)
(formerly University of Medicine and Dentistry of New Jersey to July 1, 2013)

Department of Environmental and Occupational Health

Associate Professor (7/1/2014-present), full-time non-tenure-track clinical scholar and core faculty

And, Doctoral Coordinator (1/2017-present)

Also,

Co-Director, Center for School & Community-Based Research & Education (to 12/31/17)

Assistant Professor (1/2/2008-6/30/2014) full-time core faculty

And,

Co-Director, Center for School & Community-Based Research & Education

Director, New Jersey Safe Schools Program

Member, Environmental and Occupational Health Sciences Institute

9/2005-5/2008

Institute of Public Health (IPH), College of Health and Human Sciences,
Georgia State University (GSU), Atlanta

Assistant Professor, full-time tenure-track

(NOTE: 20% public health consultant/part-time instructor only for 9-12/2005 and 1-5/2008)

Other Employment or Major Visiting Appointments:

2/23/2004-1/3/2006

Director of State Projects Office and Statewide Sciences Consultant (50% FTE 7/1/05-1/3/06)

Community Action to Fight Asthma (CAFA-II), CA State Projects Office

And,

Interim Executive Director (10/29/04-6/30/05);

Director, Environmental Health Sciences & Education (2/23/04-6/6/05)

CAFA Initiative (CAFA-I), CA State Coordinating Office

Oakland, CA and Berkeley, CA

11/6/2000-3/2/2004

Senior Research Associate (for 1/2003-3/2/04 only, 60-80% FTE);

Visiting Research Scientist (3/5/04-12/31/05)

E.O. Lawrence Berkeley National Laboratory (U.S. DOE, Univ.CA)

Berkeley, CA

9/2003-8/2004

Independent Contractor/Environmental Health Scientist

Healthy Schools Network

Albany, NY

4/2003-5/2004

Environmental Health Investigator on staff (write/review proposals only; no compensation)

Children's Environmental Health Network

Washington, D.C. and Berkeley, CA

12/2002-12/2003

Research Scientist/Database Manager (contractor through PHFE, Inc.); part-time 20-40%

California Department of Health Services, Environmental Health Laboratory Branch, IAQ Section

Berkeley/Richmond, CA

7/2999-11/2000

Project Manager and Research Team Leader

UCLA School of Public Health, Integrated Environmental Sciences,

Irvine, CA and Los Angeles, CA

5/1998-8/1998

ATPM (ATPR) "Short-term Training" Summer Fellow, Environmental Exposure Assessment
National Center for Environmental Health, U.S. Centers for Disease Control and Prevention,
Birth Defects and Genetic Diseases
Chamblee, GA

2/1997-5/1998

Principal Investigator, Field and Laboratory Technician, Database Manager/Analyst
Instituto de Nutrición de Centro América y Panamá (PAHO),
Guatemala City, Guatemala, and
Yale University School of Medicine,
New Haven, CT

1/1997-5/1997

Student Researcher/Conference Coordinator, Yale-Sponsored Research
Yale-New Haven (CT) Hospital, Children's Health Advocacy People
New Haven, CT

1/1995-3/1995

Undergraduate internship, orthopedic surgery and pediatric sports injury prevention (unpaid)
Duke University Medical Center
Durham, NC

Please note: Other work experiences between July 1988 and September 1996 included being an Assistant Camp Counselor (New Canaan, CT, one summer) and the Assistant Tennis Professional (Roxbury Club, Stamford, CT, seven summers). Other work experience during 2004-2005 included being a sales associate, Fleet Feet Sports, Pleasant Hill, CA (4-20 hours/week).

MILITARY: not applicable

HOSPITAL APPOINTMENTS: not applicable

PRIVATE PRACTICE: not applicable

DRUG LICENSURE: not applicable

CERTIFICATION:

Level IV Trainee for Registered Environmental Health Specialist in California
OSHA 10 General Industry safety and health (as of 10/10/2013, #36-701436979)

DRUG LICENSURE: not applicable

HONORS AND AWARDS:

Fellow of the Rutgers Leadership Academy, 2017-2019 Academic Years

NJ Environmental Health Association President's Award, 2017.

Rutgers School of Public Health/Student Government Association Teaching/Mentoring Award, 2015-16

Yale University School of Public Health Centennial Honor Roll (one of four alumni professionals of 1990s)

Foundation of UMNDJ Teaching/Mentoring Award, 2009-10

"Interdisciplinary Health Policy Research Fellowship," California State University at Fresno, 2005

"USEPA Children's Environmental Health Recognition Award," for CAFA-I Initiative, 2005

"Emerging Public Health and Environmental Health Leader," U.S. CDC meeting 12/1-5/03.

"Outstanding Performance Award," E.O. Lawrence Berkeley National Laboratory, July 2003.

STAR Graduate Fellowship, USEPA/ORD/NCERQA Health Risk Assessment (children 5-18), 9/98-9/01.

University Chancellor's Fellowship, University of California, Los Angeles (UCLA), 1998-2002.

UCLA Center for Environmental Risk Reduction, research training fellowship, 1/00-7/2000.

"Improving Public Health in S.CA" Wilson Endowment, Community Health Sciences, UCLA, 7/99-3/00.

Wilbur Downs International Health Student Travel Fellowship, Yale University, 1997.

Harvard University International Health and Development Permanent Fund Fellowship, 1997.

BOARDS OF DIRECTORS/TRUSTEES POSITIONS:

Member/Appointee, Local Board of Health (Chatham/Madison/Springfield district), 5/2016-12/2017

SERVICE AND MEMBERSHIPS, OFFICES AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES (listed in alphabetical order):

A. International:

International Society of Exposure Analysis (ISEA), member 1999-present;
Elected by peers to be Student Councilor on Executive Board, 7/2001-6/2002;
Peer-reviewer for annual conference abstracts, 2002-present;
Founding member of ISEA Tri-State Section (NJ/NY/CT, PA), 2008-present

International Society of Environmental Epidemiology, member 1/2003-1/2004.
Peer-reviewer for annual conference abstracts if joint with ISEA, 2002-present.

International Society of Indoor Air Quality and Climate (ISIAQ), member 2010-present;
Peer-reviewer for annual regional and triennial international conference abstracts, 2002 and 2011 and 2014-2015

B. National

American Public Health Association and three Sections
(Environment (ENV), Occupational Safety & Health (OHS), and one other section (changes)),
member 1996-present;
Elected by peers nationwide to be ENV Governing Council Representative, 2016-2018;
Serving and lead Governing Councilor for section 2017 and 2018;
Elected by peers nationwide to be ENV Governing Council Representative for 2005-07;
Elected by peers nationwide to be ENV Secretary for 2004-05, Secretary-elect 2003-04;
Included service as Newsletter Editor for ENV for APHA HQ 2004-06;
Elected as ENV Co-Chair (Faculty Chair) Student Involvement Committee, 2009-2016
Peer-reviewer for annual conference abstracts, ENV and OHS, 2002-present.

American Society of Safety Engineers (including of NJ Section and Young Professionals Section)
member 2010-present;

Association of Asthma Educators,
member 2007-present;
Appointed to Mentoring Circle, 2013.

California interagency working groups:
Indoor air quality, member 2001-05;
Relocatable classrooms and school studies, member 2001-02.

Georgia Public Health Association, member 2006-2008.

National Environmental Health Association, member 2006-present.

National Fire Protection Association, member 2008-present.

New Jersey Association of Designated Persons (school safety & health), member 2008-present.

New Jersey Cooperative Education Association, member 2010-present.

New Jersey Cooperative Education Coordinators Association, member 2010-present.

New Jersey Environmental Health Association, member 2010-present.

New Jersey Public Health Association,
member 2008-present; Representative to the APHA International Health Section-
sponsored State Affiliates Committee on Global Health, 2010-2011.

United States Environmental Protection Agency, Board of Scientific Councilors, 11/2017-
Appointed member of the Community Environmental Quality/Health Subcommittee.

B. (continued) Service on National Grant Review Panels, Study Sections, and Committees:

Nominated to NIH Early Career Reviewer Program by Associate Dean of Research;

Member, NIH-NIEHS Superfund Basic Research Program P42 Interactive Online Review Panel for Community Outreach & Education Centers (COEC) and Research Translation Services (RTS) cores, summer 2016.

And,

As of May-June 2015, added to Canadian (Ontario-based) research review committee for occupational injury, safety and health proposals to their government.

C. SERVICE ON INSTITUTIONAL (Rutgers, formerly UMDNJ) COMMITTEES:

SPH representative to University e-Learning Faculty User Group, including testing new systems and versions of Moodle and Sakai (e.g., Moodle 2 2014-15), spring 2010-present.

D.i. SERVICE ON GRADUATE SCHOOL (SPH) COMMITTEES:

Rutgers University Graduate Faculty for doctoral committees, fall 2008-.

SPH-ENOH co-lead of MPH dual concentrations (OSH and EHS), 2017-.

SPH Doctoral committee, fall 2008- present

SPH-ENOH Doctoral Program Coordinator, 2/2017-present

SPH DrPH committee (Chair/lead, CEPH accreditation report and DrPH Practicum), 2013-16

SPH ByLaws committee, 2013-2017

SPH Research committee (appointed by Dean), winter 2009-summer 2012

SPH education subcommittee of strategic plan, 2008-09

SPH global health initiative committee and team for planned Chennai workshop, 2009-2010.

SPH, Departments of Environmental and Occupational Health and of Epidemiology and of Biostatistics doctoral student qualifying exam committees (written, oral), spring 2008-.

And, nominated by SPH Department chair to be representative to university's institutional review board enhancement discussions/meetings, spring 2008-summer 2012

And, nominated by Interim Department Chair, Interim Dean and Incoming Dean to the Rutgers Leadership Academy, spring 2017 (I got it, accepting position 6/30 for 9/2017-6/2019)

D.ii. SERVICE ON DEPARTMENT/PROGRAM COMMITTEE:

Not applicable at SPH, though regularly assisted or led/took over tasks for CEPH re-accreditation.

SERVICE ON JOURNALS/PUBLICATIONS:

F. Editorial Positions: No appointed or elected positions to date.

G. AdHoc Peer-reviewer to the following journals (in alphabetical order): *Allergy and Asthma Proceedings, American Journal of Public Health, Current Microbiology, Energy and Buildings, Environmental Research, Indoor Air, International Journal of Public Health, Health Education Research, Health Promotion and Practice, Journal of Asthma, Journal of Asthma and Allergy Education, Journal of Air and Waste Management, Journal of Environmental Health, Journal of Environmental and Public Health, Journal of Exposure Analysis and Environmental Epidemiology, Journal of Exposure Science and Environmental Science, Journal of Green Buildings, Journal of Physical Activity and Health, Journal of Public Health Dentistry, Journal of the Royal Society of Public Health; Journal of Rural Health, Journal of School Health; Science of the Total Environment.*

SERVICE ON GRADUATE SCHOOL COMMITTEES (Rutgers-wide): not applicable/none to date

SERVICES ON HOSPITAL COMMITTEES: not applicable

SERVICE TO THE COMMUNITY:

- Sustainable Jersey for Schools (based at The College of NJ Sustainability Institute):
Member of the Advisory Committee and Task Forces for Health and Wellness and for Curriculum/Student Learning; included co-writing/editing multiple Actions for points concerning outdoor air quality, indoor air and environmental quality assessments and intervention planning, and radon testing and results notification.
- New Jersey Child Labor Advisory Board (NJ Department of Labor and Workforce Development),
Appointee for health sciences and safety (member with voting responsibility).
- New Jersey Interagency Working Group-Environmental Education (K-12),
Appointee for health sciences/graduate schools (member with voting responsibility).
- New Jersey Local Board of Health (Chatham, NJ and Madison area Health District),
Appointee (member with voting responsibility).
- Georgia State University, College of Health and Human Sciences,
Dean's Faculty Advisory Committee, 8/2006-12/2007.
- Georgia State University, College of Health and Human Sciences, faculty advisor to the
Public Health Institute Students Association, 8/2006-12/2007.
- Georgia State University, College of Health and Human Sciences website enhancement team
including Institute of Public Health website redesign/upgrade leader, 5/2006-12/2007.
- Member of the Contra Costa County (CA) Asthma Coalition, 1/2003-10/2005:
Co-leader of 2004 World Asthma Day work group, 1/2004-5/2004;
Member of Planning Committee, 9/2004-7/2005;
Member of Technical Advisory Group for grant-funded projects, 10/2004-12/2005.
- Faculty, Sigma Phi Epsilon Educational Foundation, Carlson Leadership Academy, 2003-04.
- Student representative to Yale School of Medicine International Health Committee, 1997-98.

Please note: Also, taught environmental and public health education classes on pollutant and noise measurements, energy efficiency, and general science overviews through LBNL, and nutrition and safe sex practices through Yale School of Medicine (CT). And, edited or translated to Spanish doctor-patient interactions, environmental education materials, and public meeting notices for Yale-New Haven Hospital (CT), Children's Health Environmental Coalition (CA), and Action Now (Burbank, CA). And, Argentine Delegation Host/Interpreter for coaches/athletes, Special Olympics World Games, New Haven, CT, 7/1995.

SPONSORSHIP OF STUDENTS FOR UNDERGRADUATE RESEARCH:

- 1.) "Personal Protective Equipment Use by IEP Students in Vocational, Career and Technical Education Programs," May-August, 2011, Eric Rubenstein (Rutgers University E.J. Bloustein School and School of Environmental and Biological Sciences), Faculty Advisor/Site Preceptor through the NJ Safe Schools Program.
- 2.) May-August 2012, Ambreen Hernandez (Rutgers University-School of Social Work, Center for Non-Profit Management, Transitions for Youth Program), Co-Advisor/Site Preceptor through the NJ Safe Schools Program/Center for School and Community-Based Research and Education.
- 3.) January-May 2013, Farhana Akter, (Rutgers University E.J. Bloustein School), Co-Advisor/Site Preceptor through the NJ Safe Schools Program/Center for School and Community-Based Research and Education.
- 4.) January-May 2013, Allison T. Cole, (Rutgers University E.J. Bloustein School), Co-Advisor/Site Preceptor through the NJ Safe Schools Program/Center for School and Community-Based Research and Education.
- 5.) January-May 2013, Zohra Roowala, (Rutgers University E.J. Bloustein School), Co-Advisor/Site Preceptor through the NJ Safe Schools Program/Center for School and Community-Based Research and Education.
- 6.) May-August 2013, Mohammad Chowdhury, Co-Advisor/Site Preceptor through the NJ Safe Schools Program/Center for School and Community-Based Research and Education.
- 7.) September-December 2013, Nikita Tumati, Co-Advisor/Site Preceptor through the NJ Safe Schools Program/Center for School and Community-Based Research and Education. (**NOTE:** This was connected to year one of two of a GAIA Center's Global Health! grant I received.)
- 8.) January-May 2014, Yu (Lucy) Zheng, Co-Advisor/Site Preceptor through the NJ Safe Schools Program/Center for School and Community-Based Research and Education. (**NOTE:** This was connected to year one of two of a GAIA Center's Global Health! grant I received.)
- 9.) January-May 2014, Mezo Cooper, Co-Advisor/Site Preceptor through the NJ Safe Schools Program/Center for School and Community-Based Research and Education.
- 10.) May-July 2014, Krishna Patel Co-Advisor/Site Preceptor through the NJ Safe Schools Program/Center for School and Community-Based Research and Education.
- 11.) May 2014-May 2015, Sonia Lee, Advisor/Site Preceptor through the Center for School and Community-Based Research and Education along with Aresty Undergraduate Research Director (Dr. Brian Ballantine) for year one of two of a survey-based research project entitled, "Investigating Distracted Driving Among Undergraduate Students (at Rutgers, The State University of New Jersey)."
- 12.) May 2014-May 2015, Melody Yuan, Advisor/Site Preceptor through the Center for School and Community-Based Research and Education along with Aresty Undergraduate Research Director (Dr. Brian Ballantine) for year one of two of a survey-based research project entitled, "Determining Awareness of and Interests in Public Health: Survey of Undergraduate Students without Declared Majors (at Rutgers, The State University of New Jersey)."
- 13.) November 2014-May 2015, Shumaila Chishti, Advisor/Site Preceptor through the NJ Safe Schools Program/Center for School and Community-Based Research and Education.
(*Note:* This was connected to year two of two of a GAIA Center's Global Health! grant I received.)
- 14.) August-December 2015, Misbah Shafiq, Advisor/Site Preceptor through the NJ Safe Schools Program/Center for School and Community-Based Research and Education.
(*Note:* This was connected to year two of two of a GAIA Center's Global Health! grant I received.)
- 15.) September 2015-April 2016, Amber Gouridine, Advisor/Site Preceptor through the Center for School and Community-Based Research and Education along with Aresty Undergraduate Research Director (Dr. Brian Ballantine) for year two of two of a survey-based research project entitled, "Determining Awareness of and Interests in Public Health: Survey of Undergraduate Students without Declared Majors (at Rutgers, The State University of New Jersey)."
- 16.) January-May 2016, Amber Gouridine, Advisor/Site Preceptor through the NJ Safe Schools Program/Center for School and Community-Based Research and Education.
(*Note:* This was year two of two of a survey-based research project entitled, "Investigating Distracted Driving Among Undergraduate Students (at Rutgers, The State University of New Jersey).")

- 17.) November 2017-May 2018, Kyle X. Simmons, Advisor/Site Preceptor through the NJ Safe Schools Program. (Note: This was to develop, beta-test internally and pilot test a new free online training course for high school students and their teachers on cybersafety and cybersecurity, which was approved by New Jersey Department of Education to launch statewide in fall 2018.)
- 18.) ...

Note: None were hosted in 2018-2019 academic year due to physical space limitations; with new field dry lab in place (SPH room 381), TBD in 2019-2020 academic year...

SPONSORSHIP OF MASTER'S (MPH) THESIS/PROJECTS (as of end of spring 2017):

- 1.) "Re-analysis of DeKalb County, GA Schools Study Data to Examine Recorded Repeat Absence and Tardiness Related to Asthma," September 2009-May 2010, Samina Mizan, Site Preceptor (Faculty Advisor was Interim Dean Dr. George Rhoads, Epidemiology)
- 2.) "Evaluation of Pest Control Practices in Childcare Settings in Staten Island, NY: Reducing the Need for Application of Spray Chemical Pesticides," January 2010-January 2011, Ian Pracher, Faculty Advisor
- 3.) "Evaluation of Pest Control Practices in Child Care Centers in Staten Island, NY," January 2010-January 2011, Manthan Shah, Faculty Advisor
- 4.) "Evaluation of Pest Control Practices in Child Care Centers Rodenticides: Staten Island, NY," January 2010-January 2011, Jessica Small, Faculty Advisor
- 5.) "Physical Conditions of a House and Their Effects on Measured Radon Levels: Data from Hillsborough Township, NJ 2010-2011," January 2010-May 2011, Michael Carr, Faculty Advisor
- 6.) "Injuries and Illnesses in Learners with Special Needs in School-Sponsored Career and Technical Education Programs in New Jersey, 2003-2010," May 2010-May 2011, Brian C. Eggert, Faculty Advisor and Co-Site Preceptor (with Dr. Stephen Marcella, Epidemiology)
- 7.) "The Effects of Diesel Exhaust Particles on Phagocytosis of Mycobacterium tuberculosis in THP-1 cells and Human Blood Cells," September 2010-May 2011, Megan F. Rockafellow, Faculty Advisor (Faculty Advisor was Dr. Stephan Schwander, Environmental and Occupational Health)
- 8.) "Pesticides Exposure in Children at Child Care Centers Through Baits and Gel Baits," January 2010-September 2011, Ijeoma Amobi, Faculty Advisor
- 9.) "Evaluation and Characterization of Sport Specific Environmental Risks, and Asthma Management Knowledge and Awareness through Surveys of Coaches, Athlete Parents/Guardians, and Athletes," January-September 2011, Jennifer Therkorn, Faculty Advisor
- 10.) "An Examination of the Links Between Behavioral Risk Factors, Injuries, Chemical Irritants, and Respiratory Irritation Among a Sample of Chemistry Students from a Northeastern University," September 2011-August 2012, Aaron Sieloff, Faculty Co-Advisor (with Dr. E. G. Marshall) and Site Preceptor (at Center for School and Community-Based Research and Education (CSCBRE))
- 11.) "Examination of tanning prevalence, practices and risk perceptions of ultraviolet radiation (UVR) exposure among sorority and fraternity students," January 2012-August 2012, Nnenna Ugwuwala, Faculty Advisor and Co-Site Preceptor (with Dr. Francies Pagell of Rowan University, Department of Exercise and Health Sciences, at CSCBRE)
- 12.) "Residential Green Building Design and Implications for Environmental Health," September 2012-May 2013, Olga Autote, Faculty Primary Advisor (with Co-Advisor Dr. Q. Meng)
- 13.) "An Examination of the Links Between Cold and Flu Symptoms, Smoking Status, and Indoor Smoking Infiltration Among a Sample of On-Campus Students from a Northeastern University," October 2012-August 2013, John Daub, Site Preceptor (Advisor Dr. E. G. Marshall) at CSCBRE
- 14.) "Case Study: Indoor Environmental Quality Assessment of a Local Private Gym in Central NJ," January 2013-December 2013, Dana Sacks, Faculty Advisor.
- 15.) "Investigation of Gluten-Free Products at Food Vendors within Burlington County and Middlesex County in New Jersey" August 2013-May 2014, Cynthia Cheng, Site Preceptor and Faculty Primary Advisor (with Co-Advisor Dr. M. Robson)
- 16.) "Assessment of Gluten-Free Product Availability at Food Vendor Locations in Monmouth County and Mercer County, New Jersey," September 2013-December 2014 (but data collection finished April, 2014), Tammy Wang Colatat, Site Preceptor and Faculty Co-Advisor (Primary Faculty Advisor Dr. B. West)
- 17.) "Relationship among environmental quality variables, housing variables and residential needs: A secondary analysis of the Relationship among Indoor, Outdoor, and Personal Air Concentrations database (RIOPA Secondary Data Analysis)," January 2014-December 2014, Fausto A. Garcia, Jr., Site Preceptor and Faculty Co-Advisor (with Co-Advisors Dr. J. Madrigano and Dr. Q. Meng)
- 18.) "Diabetes-related emergency room visits associated with Hurricane Sandy in New Jersey: implications for preparedness" September 2013-May 2015, Enid M. Velez-Valle, Faculty Co-Advisor (with Dr. S.E. Echeverria; hosted by Dr. M. Santorelli, NJ Department of Health)
- 19.) "Occupational Hygiene Technician Walk-through Survey in Urban Hospitals," March-September 2015, Thomas P. Cordon, Faculty Advisor (Site Preceptors: OHIP/AOEC and SEIU).
- 20.) "Safety and Health Risk Perceptions: A Cross-Sectional Study of New Jersey Nail and Hair Salon Clients" September 2015-May 2016, Lindsey Milich, Site Preceptor and Faculty Co-Advisor (Primary Faculty Advisor Dr. Judith Graber, taking over for Dr. Teresa Janevic)

- 21.) "Assessment of Acute Symptoms in Nail Technicians Related to the Occupational Exposure of Common Chemicals used in Nail Salons" November 2015-May 2016, Rose Mathew, Site Preceptor and Faculty Co-Advisor (Co-Advisors Dr. Michael Pratt as well as Dr. Judith Graber)
 - 22.) "The Rancocas Creek Project" September 2015-May 2016, Runi M. Patel, Site Preceptor/Co-Advisor (Primary Faculty Co-Advisor Dr. B. West)
 - 23.) "Young adult street vendors and health outcomes affected by traffic-related air pollution" October 2015-May 2016, Saisattha Noomnuan, Site Preceptor/Faculty Advisor (grant PI).
 - 24.) "Developing and Piloting an Adolescent Concussions/Traumatic Brain Injury (TBI) Surveillance System in NJ to Inform School-Based Educational Trainings and Prevention of Repeated TBI: Fall 2015 Data Analyses" December 2015-July/August 2016, Tracy Listwan, Site Preceptor/Faculty Advisor (as grant Principal Investigator (PI)).
 - 25.) "Surplus Medication Disposal in Assisted Living Facilities" May 2015-August 2016, Myan Colatat, Site Preceptor/Co-Advisor (Primary Faculty Co-Advisor Dr. B. West)
 - 26.) "Hazards Faced by Recycling Workers due to Wrong Perceptions and Behaviors of the General Public" January 2016-December 2016, Toni Okuwobi, Faculty Advisor (co-advisor Dr. K.Koshy)
 - 27.) "Perfluorononanoic Acid (PFNA) Contamination in the Community Water Supply of Paulsboro, New Jersey" September 2016-May 2017, Cora Alexander, Faculty Advisor (for my department, with Department of Epidemiology co-advisors Dr. J.M. Graber and Dr. E.G. Marshall)
 - 28.) "Public Awareness of Tick-borne Illnesses and Built Environment Factors" May 2017-May 2018, Vanessa Friere, Faculty Advisor (site preceptor at local health department).
 - 29.) "Focus Groups About Safety and Health Risk Perceptions Among Young Cosmetology Students" September 2017-August 2018, Christine Young, Site Preceptor and Faculty Advisor (co-advisor Laura Liang for a double-major ENOH-HEBS).
 - 30.) "Lyme Disease Surveillance Project" May-September 2018, Rebecca Serrano, Faculty Advisor (co-advisor Elizabeth Marshall for a double-major ENOH-EPID, site preceptor Kim Cervantes, MA at NJDOH, Trenton, NJ).
 - 31.) "Boys and Girls Club Healthy Habits 2018." May 2018-May 2019, Carolina Focella, Faculty Advisor (co-advisor Laura Liang for a double-major ENOH-HEBS, hosted by Boys and Girls Clubs of America in Newark, NJ).
 - 32.) ...
 - 33.) ...
- Note:* For 2019-2020 academic year, to include Alexis Uram (OSH) and Andrew Sansone (EHS)

[*Note:* Also co-advised HSAP major Maryann Wozniak (primary advisor Dr. Marcia Sass) with project formulation and survey development; she then got external partner as official final site preceptor as she was concurrently in osteopathic medical school after eIRB approval of project.]

[*Note:* Also created second internship experience in spring 2016 for EPID major Lamya Ibrahim, given her Fieldwork I-II was determined to be more clinical/basic sciences in nature (primary advisor Dr. Elizabeth G. Marshall); this experience was related to FWI-II of Tracy Listwan.]

[*Note:* For former 13 MPH students and thesis titles at Institute of Public Health at Georgia State University, for who I was Chair or Co-Chair, please see appropriate page of <http://publichealth.gsu.edu>.]

DISSERTATION CHAIR, COMMITTEE MEMBER, REVIEWER:

Please note: my first three doctoral students (started 1/2008 and 1/2011 and 9/2011, respectively) have passed qualifying exams (spring 2011 and fall 2012 and fall 2013, respectively), with PhD thesis to come for the most recent two candidates to be directed under me as the committee chair in 2014-15 AY.

- 1.) Ashley E. (Miller) Mapou, MS, PhD. Approved proposal entitled, "Environmental factors in crime: Assessing outdoor air pollution concentrations and weather variables." Committee members also include Drs. J. Madrigano, Q. Meng, P. Ohman-Strickland and J. Miller (Criminal Justice, Rutgers University-Newark). Dissertation completed by December 2015.
- 2.) Manthan Shah, MPH, PhD. Approved proposal entitled, "Analysis of Lead in Sindoer Cultural/Religious Powders Purchased in New Jersey and India." Committee members also include Drs. W. Halperin, Q. Meng, P. Ohman-Strickland and M. Lumia (NJ Department of Health, Consumer, Environmental and Occupational Health Service). Dissertation completed by May, 2016; final title was "Analysis of Lead in Sindoer and Related Religious Powders Purchased in New Jersey and India."
- 3.) Mehra Bahremand Blott, MS, PhD (c). Approved proposal entitled, "Characterizing Smaller Farm Polyethylene Plastic Film Greenhouses." Committee members also include Drs. Q. Meng, M. Robson, A.J. Both. Dissertation completed by September-October, 2018.
- 4.) Mawuena Quarcoo, MS, PhD (c). Approved proposal entitled, "Ozone-Particle Associations from 2001-2002 LBNL CA HVAC Study." Committee members also include Drs. Q. Meng, P. Ohman-Strickland, C. Weschler. Dissertation completed by September-October, 2018.

SPONSORSHIP OF POST-DOCTORAL FELLOWS: none to date

TEACHING RESPONSIBILITIES:

Introduction to Environmental Public Health Sciences, **PHCO0503-030/035**

Taught spring semester 2008 in-person for the Piscataway/New Brunswick campus;

Taught fall semester 2008 online, including two required in-person meetings to start and finish the course, for both Piscataway/New Brunswick campus and Newark campus;

Taught spring semester 2009 online, including two required in-person meetings to start and finish the course, for both Piscataway/New Brunswick campus and Newark campus;

Taught/mentored independent study student from UMDNJ-SPH Dental Public Health program (Newark campus) in spring semester 2009;

Taught/mentored independent study student from UMDNJ-SPH-ENOH (Piscataway/New Brunswick campus) in spring semester 2009;

Taught fall semester 2009 in-person for the Piscataway/New Brunswick campus;

Taught fall semester 2009 online, including two required in-person meetings to start and finish the course, for the Newark campus;

Taught spring semester 2010 online, including two required in-person meetings in 1st month and final week of semester plus optional "kick-off" meeting at start (hybrid format), for merged section of Piscataway/New Brunswick, Newark and Stratford/Camden campuses;

Taught fall semester 2010 in-person for the Piscataway/New Brunswick campus;

Taught spring semester 2011 online, including three required in-person meetings within the 1st month and final week of semester (hybrid format), for merged section of Piscataway/New Brunswick, Newark and Stratford/Camden campuses;

Taught fall semester 2011 in-person for the Piscataway/New Brunswick campus;

Taught fall semester 2011 online, including two required in-person meetings to start and finish the course, for MD/MPH students (a few, as requested) across campuses;

Taught spring semester 2012 in-person for the Piscataway/New Brunswick campus;

Taught spring semester 2012 online, including two required in-person meetings to start and finish the course, for MD/MPH students (a few, as requested) across campuses;

Taught fall semester 2012 in-person for the Piscataway/New Brunswick campus;

Taught fall semester 2012 online, including two required in-person meetings to start and finish the course, for MD/MPH students (a few, as requested) across campuses;

Taught spring semester 2013 in-person for the Piscataway/New Brunswick campus;

Taught spring semester 2013 online, including two required in-person meetings to start and finish the course, for MD/MPH students (a few, as requested) across campuses;

Taught fall semester 2013 in-person for the Piscataway/New Brunswick campus;

Taught fall semester 2013 online, including two required in-person meetings to start and finish the course, for MD/MPH students (a few, as requested) across campuses;

Taught spring semester 2014 in-person for the Piscataway/New Brunswick campus;

Taught spring semester 2014 online, including two required in-person meetings to start and finish the course, for BIST PhD students (a few, as requested) across campuses;

Taught fall semester 2014 in-person for the Piscataway/New Brunswick campus;

Taught fall semester 2014 online, including two required in-person meetings to start and finish the course, for MD/MPH students (a few, as requested) across campuses;

Taught spring semester 2015 in-person for the Piscataway/New Brunswick campus;

Taught spring semester 2015 online, including three required in-person meetings to start and finish the course, for three dual-degree students (as requested) across campuses;

Taught fall semester 2015 in-person for the Piscataway/New Brunswick campus;

Taught spring semester 2016 in-person for the Piscataway/New Brunswick campus;

Taught spring semester 2016 online hybrid, including two required in-person meetings to start and finish the course, for the Piscataway/New Brunswick and Newark campuses;

Taught fall semester 2016 in-person for the Piscataway/New Brunswick campus;

Taught spring semester 2017 online hybrid, including four required in-person meetings to start and finish the course, for the Piscataway/New Brunswick, Newark and Camden campuses

Taught summer I semester 2017 online hybrid, including four required in-person meetings to start and finish the course, for the Piscataway/New Brunswick and Newark campuses;

Taught fall semester 2017 in-person for the Piscataway/New Brunswick campus;

Taught spring semester 2018 in-person for the Piscataway/New Brunswick campus;

Taught fall semester 2018 in-person for the Piscataway/New Brunswick campus;

Taught spring semester 2019 in-person for the Piscataway/New Brunswick campus;

Will teach fall semester 2019 in-person for the Piscataway/New Brunswick campus;

Doctoral Seminar on Topics in Environmental Public Health Sciences, **PHCO0508**

Taught summer semester 2011 in-person for the Piscataway/New Brunswick campus;

Indoor Air and Environmental Quality, **ENOH0644:**

Taught fall semester 2011 in-person for the Piscataway/New Brunswick campus;

Taught fall semester 2012 in-person for the Piscataway/New Brunswick campus;

Taught fall semester 2014 in-person for the Piscataway/New Brunswick campus;

Taught summer I 2018 (with H. Kipen) for the Piscataway/New Brunswick campus;

Outdoor Air Pollution, **Rutgers SEBS-Environmental Science 421** (Undergraduate Major Course)

Taught 1st week/two classes and conducted attendance/enrollment verification process
for the Piscataway/New Brunswick campus (for course director Dr. Gedi Mainelis)
in both fall 2018 and fall 2019

Guest lectures, etc.

(Note: Student evaluation score summaries available at SPH upon request.)

(Note: Please also see “academic appointments” section about teaching at previous position at the Institute of Public Health, College of Health and Human Sciences, Georgia State University.)

CLINICAL RESPONSIBILITIES: not applicable

GRANT SUPPORT (chronological order through end of 2019 calendar year as of spring 2019):

A. Principal Investigator Current Support (*most current listed first*):

1-10.) “Safe Schools-Occupational Education Safety and Health Training and Standards.”

P.I.: Derek G. Shendell, D.Env, MPH

Funding awarded as contract from NJ Department of Education, Office of Career Readiness (formerly Office of Career and Technical Education); renewed to date (guaranteed 1/18-12/19, then also 2020- TBD).

Includes partial PI salary: 1-4/2008 is 20% FTE, 5-7/2008 is 22% FTE, 8-10/2008 is 25% FTE, 11/2008-10/2009 is 25% FTE, 11/2009-10/2010 is 30% FTE, 11/2010-10/2011 is 30-35% FTE, 11/2011-10/2012 is 35%, 11/2012-10/2013 is 40%, 11/2013-10/2014 ~44-50%, 11/2014-4/2016 ~50% (range 40-60%); 5/2016-12/2017 ~75% on average (range 70-80%); 1-12/2018 ~46.25-47.5% (range 45-50%); 1-12/2019 ~50% (~40% on main grant/contract, ~10% on program income from specific trainings conducted).

To conduct, for NJ secondary schools, per state and federal laws, regulations and codes, educational trainings for teachers supervising school-to-work students; conduct surveillance and data analyses on reportable occupational injury/illness among minors and young adults plus teachers in school-sponsored structured learning experiences on- and off-campus; facilitate the NJ OSHA alliance; lead NJ Safe Schools Task Forces to create science-based policy recommendations and educational interventions in a specified career cluster and areas (pathways and programs, industry and job titles); other applied research to inform policy and interventions; and various communications in print and through e-mail and the Internet.

11-12.)

“Developing & Piloting Adolescent Concussions/Traumatic Brain Injury (TBI) Surveillance System in NJ to Inform School-Based Educational Trainings and the Prevention of Repeated TBI.” (1st round funding)

“Sustaining an Adolescent Concussions/Traumatic Brain Injury (TBI) Surveillance System in NJ to Inform School-Based Educational Trainings Conducted to Assist the Prevention of Repeated TBI” (2nd round funding)

P.I.: Derek G. Shendell, D.Env, MPH

Funded by Kessler Foundation Special Projects/Programs Award mechanism

First round of funding awarded for 1/1/2015- 3/31/2016 (notice of award 12/12/2014), \$20,000 including fringe benefits and indirect costs (10% cap) and a 5% Rutgers Foundation gift fee.

Second round of funding for fall 2016-winter 2018 awarded for 1/1/2017-12/31/2017 (notice of award fall 2016) \$20,000 including fringe benefits and indirect costs (10% cap) and a 5% Rutgers Foundation gift fee.

This is a pilot project with school and non-profit based partners (e.g., Brain Injury Alliance of NJ) to expand our current NJ SS young worker incident (injury/illness) surveillance program, codified in State of NJ law and now administered exclusively online as of fall, 2013. This expanded program would cover incidents and injuries among adolescents, i.e., students in secondary public and non-public schools in NJ, during both physical education (PE) classes and extracurricular sports, including practices, weight training and games/competitions. This is an opportunity we have only in NJ, to improve the reporting of--and thus prevention of repeated--sports-related concussions/TBI in high school students. With further improved incident/injury surveillance, these data can then inform educational programs at schools for coaches, athletic trainers, teachers and students. Moreover, by preventing repeated concussions, and allowing for proper physical and mental rest after a TBI, adolescents will be more likely to return to practice and competition safely. More importantly, this will allow them to attend and participate in their courses, extracurricular enrichment activities, part-time work experiences year-round or during holiday periods and, achieve future goals as young adults like continuing their education, participating in meaningful work, and contributing to their communities. *Note: Funding noted above excludes in-kind match (1-2x \$).*

13.) “Global Urbanism & Youth/Young Adults: Built Environment & Social Factors Affect Public Health & Worker Safety“

PI: Derek G. Shendell, D.Env, MPH (Co-I are Drs. Patricia Findlay, Mark Robson and Maryann Sorenson Allacci of Schools of Social Work, SEBS and E.J. Bloustein/Center for Green Buildings, respectively).

Funding awarded via competitive peer-review process through Rutgers Global Advancement and International Affairs Centers “Global Urbanism 2015-17” Program/Initiative across entire University. *Time frame-total project budget:* (direct costs only) July 1, 2015-April 30, 2017; \$12,000, as \$10,000 plus another \$1,000 per year via annual mini-grant program (automatically awarded, formal proposal approved)

This project's working group's focus in global urbanism intersects four key issues in modern society:

- i.) Rapidly increasing urbanization in less developed countries (LDCs);
- ii.) Evidence of negative effects of exposure to environmental pollution, i.e. risks to safety & health (S&H);
- iii.) Child labor--legal or illegal, in agricultural and non-agricultural work, increasing S&H risks;
- iv.) Reintroduction of child soldiers from rural areas of LDCs into communities/schools in urban settings.

This proposal directly explores cross-cutting themes including global-local interconnections; and, urban form, public space and (sub-) urban landscapes. Dictionaries consistently define urbanism as the interaction of inhabitants of towns and cities—or urban communities—with the built environment and the study of their physical needs, i.e., urban planning. Our goal/objective is to assess, better describe, and expand the capacity to address the S&H risks to younger residents of urban areas—adolescents and young adults up to age 34—who live, shop, work, learn, play (physical activity), and/or be entertained for different reasons, whether by personal choice or due to external forces (social stressors).

14.) “Safety and Health of Students and Young Adults with Special Needs”

P.I.: Derek G. Shendell, D.Env, MPH

Funding awarded for 2013 (\$50,000 including fringe benefits and indirect costs, excluding program income) as a new supplemental grant/contract to NJ Safe Schools Program from NJDOE-OCDE/U.S. Department of Education. The grant covers partial salary coverage for PI and select staff plus numerous topical consultants and community partners throughout the university (e.g., Boggs Center for Developmental Disabilities at the Robert Wood Johnson Medical School, Graduate School of Education) and outside (ECLC of NJ, Hope Autism). We will conduct: i.) a new, day-long training with short presentations, group activities, product and technology demonstrations in-person or on-line, and sharing resources and experiences among teachers, staff, professionals/service providers and parent advocates; ii.) design/mock-up new useful website pages, and mobile smartphone/tablet pages.

15.) “Safety and Health in Secondary School Science Laboratories”

P.I.: Derek G. Shendell, D.Env, MPH

Funding awarded (about \$30,000 including fringe benefits and indirect costs) for 2008 as a new supplemental grant/contract to NJ Safe Schools Program from NJDOE-OCDE/Office of Science and Math Education. The grant covers partial salary coverage for PI and select staff. We conducted, with local and state agency partners, a new, day-long training with short presentations, group activities, demonstrations in-person or on-line, and sharing resources and experiences among teachers, staff, professionals, etc. on chemicals/Right To Know, etc.

16.) “Home Visits for Assessment and Educational Intervention in Support of Enhancing Clinical, Environmental and Behavioral Management of Asthma for Low-Income, Minority Older Adults”

P.I.: Derek G. Shendell, D.Env, MPH

11/1/2008-6/30/2010 (report submitted by end August 2010)

Pilot study; \$20,000 for direct costs, plus informal match of internal support of my faculty time (varies by month, from 5-10% to 50% if field sampling in cooling/summer or heating/winter season).

17.) “The U.S. - Ibadan (Nigeria) Partnership for Prevention Sciences Training, Urban Environmental Quality and Community Health.”

P.I.: Derek G. Shendell, D.Env, MPH

Funding awarded from Georgia State University Office of International Affairs Strategic Initiatives Program, and then from The Atlantic Philanthropies-Bermuda office, ~\$12,000 total direct costs only (\$7,000 7/2006-6/2007, ~5,000 7/2007-5/2008). In addition, this included internal support of salary for faculty time--about 10% FTE 5/2006-present, at both GSU and UMDNJ--dedicated to building our collaboration, writing proposals, travel, conducting short-course training and pilot field research planning and implementation in Nigeria, and subsequent data analyses and manuscript preparation in the U.S.A.

18.) “Assess and enhance staff indoor environmental health sciences literacy and data collection on attendance and reasons for school absence (asthma), tardiness and leaving early in DeKalb County, GA”

P.I.: Derek G. Shendell, D.Env, MPH

Funding awarded from Georgia State University Research Foundation for a pilot study, summer 2006 through spring 2008, ~\$51,000 total direct costs only (~\$30,000 7/2006-6/2007, ~\$21,000 7/2007-5/2008). In addition, this included 1/3 summer salary (~11% FTE) per year and internal resources including academic year time dedicated to project planning and implementation.

19.) “Interdisciplinary Assessments of Recreational Endurance Athletes at Inaugural/2007 and 2nd/2008 ING GA Marathon and Half-Marathon”

Co-P.I.s: Derek G. Shendell, D.Env, MPH and Lynda T. Goodfellow, Ed.D, RRT, AE-C, FAARC
Funding awarded from Georgia State University Research Foundation (~\$10,000), and the School of Health Professions in the College of Health and Human Sciences, for supplies and graduate student research assistant support, 9/2006-5/2008. In addition, this included internal resources including academic year time dedicated to project planning and implementation.

20.) Educational innovation and technology development grant to convert an in-person to a predominantly on-line (80% on-line, 20% in-person) core MPH course, Office of the Dean, College of Health and Human Sciences, Georgia State University, 5-12/2007.

P.I.: Derek G. Shendell, D.Env, MPH

The grant was for salary (1/3 of summer salary, ~11% FTE) and promise of internal resources including two summer trainings led by external consultants, academic year time dedicated to planning, and collaboration with university informational technology support staff.

21.) “Writing Across the Curriculum” educational development and course enhancement grant, Department of English, College of Arts and Sciences, Georgia State University, 5-8/2006.

The grant was for salary (1/3 of summer salary, ~11% FTE) and internal resources like a summer training by English professors and support from university informational technology staff.

B. Co-Investigator

1.) New Jersey Department of Health and Senior Services, "Evaluation of the Comprehensive Cancer Control Program (for county coalition activities 2008-2011)," April-June, 2011, 10% FTE (2.0 months).
P.I.: Marcia Sass

2.) City of New York/New York City Department of Environmental Protection (NYCDEP)
PI: Koshy Koshy, PhD, MS (co-I: Derek G. Shendell, D.Env, MPH at 2.5% FTE annual average)
Proposed title of project: "Assessment of fall protection and lockout/tagout programs at select facilities and development and delivery of training to mitigate risks."
Proposed time frame and total project budget (direct costs, fringe, 8-10% indirect costs) \$83,250 per year (year one confirmed amount to date); summer 2018 to summer 2020

3.) U.S. Department of Labor-Occupational Safety and Health Administration Susan Harwood Training Grant Program
PI: Koshy Koshy, PhD, MS (co-I: Derek G. Shendell, D.Env, MPH at 5% FTE annual average)
Proposed title of project: Susan Harwood Training Grant Program (target topic area construction falls)
Proposed time frame and total project budget (direct costs, fringe, 8-10% indirect costs) \$150,000, fall 2018 to fall 2019

C. Pending Grants (submitted as of end 5/2019 into first week 6/2019, excluding fall 2018 submissions not funded as of notice received spring 2019 (one R21 to NIH, four foundation/NJ agency proposals)

1.) U.S. National Institutes of Health (NIH), (*submitted February 2018; revise to resubmit in fall 2019*)

PI: Derek G. Shendell, D.Env, MPH

Proposed title of project: “Weather Conditions and Field Type as Possible Risk Factors for Concussion Injuries” in response to parent pilot project proposal (R03) “PA-18-488 (non-clinical trial option)”

Proposed time frame and total project budget (direct costs plus fringe and full research indirect cost recovery) \$159,000 over the two-year project proposed, October 1, 2018-September 30, 2020.

2.) Rutgers Center for Gun Violence Research, Category 3 Full Pilot Project (via State of NJ funding)

(*submitted April 2019, decision pending by mid-late June 2019*)

PI: Derek G. Shendell, D.Env, MPH

Proposed title of project: “NJ School Emergency Preparedness and Built Environment Aspects Related to Gun Violence

Proposed time frame and total project budget (direct costs plus fringe but no extra research indirect cost recovery): \$85,161

3.) U.S. National Institutes of Health (NIH)/National Cancer Institute (NCI) (*submitted May-June 2019*)

PI: Pamela Valera, PhD, MSW, ACSW, NCTTP

Co-I: Derek G. Shendell, D.Env, MPH (as IAQ secondhand smoking/environmental tobacco smoke expert)

Proposed title of project:

“A Randomized Controlled Trial of Smoking Cessation Treatment among Incarcerated Smokers in U.S. Prisons” (R01, PA-19-055, investigator-initiated, clinical trial option, A1 resubmission)

Proposed time frame and total project budget (direct costs plus fringe and full research indirect cost recovery): April 1, 2020-March 31, 2025, \$ 3,843,017 over the five-year project proposed.

PUBLICATIONS (excluding papers submitted for publication or in preparation, as of April 9-12, 2018):

A. Refereed Original Articles in Journals:

1. Naumova YY, Eisenrich S, Turpin BJ, Weisel CP, Morandi MT, Colome SD, Totten LA, Stock TH, Winer AM, Alimokhtari S, Kwon J, **Shendell D**, Jones J, Maberti S, Wall SJ. 2002. Polycyclic Aromatic Hydrocarbons in the Indoor and Outdoor Air of Three Cities in the U.S. *Environmental Science and Technology*, 36 (12): 2552-2559.
2. **Shendell DG** and Naeher LP. 2002. A Pilot Study to Assess Ground-level Ambient Air Concentrations of Fine Particles and Carbon Monoxide in Urban Guatemala. *Environment International*, 28 (5): 375-382.
3. Naumova YY, Offenberger JH, Eisenreich SJ, Meng Q, Polidori A, Turpin BJ, Weisel CP, Morandi MT, Colome SD, Stock TH, Winer AM, Alimokhtari S, Kwon J, Maberti S, **Shendell D**, Jones J, Farrar C. 2003. Gas/particle distribution of polycyclic aromatic hydrocarbons in coupled outdoor/indoor atmospheres. *Atmospheric Environment*, 37: 703-719.
4. **Shendell DG**. 2003. Airing HVAC Concerns. *School Planning and Management*, 42 (7): MB 7-10.
5. Apte MG, Dibartolomeo D, Hotchi T, Hodgson AT, Lee SM, Liff SM, Rainer LI, **Shendell DG**, Sullivan DP, Fisk WJ. 2003. Simultaneous Energy Savings and IEQ Improvements in Relocatable Classrooms. *ASHRAE IAQ Applications*, 4 (4): 7-10. (LBNL-52690)
6. Apte MG, **Shendell DG**, Hodgson AT. 2004. Modular Buildings: Air Awareness: Making sure your relocatable classrooms are energy efficient and have good IAQ. *American School and University*, 76 (6): 42-47.
7. **Shendell DG**, Winer AM, Colome SD, Stock TH, Zhang L, Zhang J, Maberti S. 2004. Air concentrations of VOCs in portable and traditional classrooms: Results of a pilot study in Los Angeles County. *Journal of Exposure Analysis and Environmental Epidemiology*, 14 (1): 44-59.
8. **Shendell DG**, Winer AM, Colome SD, Weker R. 2004. Evidence of inadequate ventilation in portable classrooms: Results of a pilot study in Los Angeles County. *Indoor Air*, 14 (3): 154-158.
9. **Shendell DG**, Prill, RP, Fisk WJ, Apte MG, Blake D, Faulkner D. 2004. Associations between classroom CO₂ concentrations and student attendance in Washington and Idaho. *Indoor Air*, 14 (5): 333-341. (LBNL-54413)
10. **Shendell DG**, Barnett C, Boese S. 2004. Science-based Recommendations to Prevent or Reduce Potential Exposures to Biological, Chemical, and Physical Agents in Schools. *Journal of School Health*, 74 (10): 390-396.
11. Hodgson AT, **Shendell DG**, Fisk WJ, Apte MG. 2004. Comparison of Predicted and Derived Measures of Volatile Organic Compounds inside Four Relocatable Classrooms due to Identified Interior Finish Sources. *Indoor Air*, 14 (Suppl 8): 135-44. (LBNL-52520)
12. Reff A, Porcja R, Giovanetti R, Turpin BJ, Weisel C, Morandi M, Stock T, Colome S, Winer A, Spektor D, Alimokhtari S, Kwon J, Maberti S, **Shendell D**, Jones J. 2003. FTIR spectra of outdoor, indoor, and personal air collected during RIOPA study. *Indoor Air*, 15 (1): 53-61.
13. Meng QY, Lee JH, Giovanetti R, Cui W, Turpin BJ, Korn L, Weisel C, Morandi M, Stock T, Colome S, Winer A, Spektor D, Alimokhtari S, Kwon J, Maberti S, **Shendell D**, Jones J. 2005. Indoor/outdoor relationships of PM_{2.5} mass concentration: results from the RIOPA study. *Journal of Exposure Analysis and Environmental Epidemiology*, 15 (1): 17-28.
14. Weisel CP, Zhang J, Turpin BT, Morandi MT, Colome S, Stock TH, Spektor DM, Korn L, Winer A, Alimokhtari S, Kwon J, Mohan K, Harrington R, Giovanetti R, Cui W, Afshar M, Maberti S, **Shendell D**. 2005. The Relationships of Indoor, Outdoor and Personal Air (RIOPA) Study: Study Design,

- Methods and Initial Results. *Journal of Exposure Analysis and Environmental Epidemiology*, 15 (2): 123-37.
15. Yamamoto N, Kumagai K, Fujii M, **Shendell DG**, Endo O, Yanagisawa Y. 2005. Size Dependent Collection of Micrometer-Sized Particles Using Nylon Mesh. *Atmospheric Environment*, 39: 3675-3685.
 16. Polidori A, Turpin B, Meng Q-Y, Lee J-H, Weisel CP, Morandi M, Colome SD, Stock T, Winer AM, Zhang J, Kwon JM, Alimokhtari S, **Shendell DG**, Jones J, Farrar C, Maberti S. 2006. Indoor and Outdoor Organic PM_{2.5}: Analysis the RIOPA Study Data. *Journal of Exposure Analysis and Environmental Epidemiology*, 16 (4): 321-31.
 17. **Shendell DG** and Pike-Paris A. 2007. Environmental Exposure Assessment, Pollution Sources, and Exposure Agents: A Primer for Pediatric Nursing Professionals. *Pediatric Nursing*, 33(2):179-182.
 18. **Shendell DG**, Rawling M-M, Foster C, Bohlke A, Edwards B, Rico S, Felix J, Eaton S, Roberts EM, Love MB. 2007. The Outdoor Air Quality Flag Program in Central California: A School-Based Educational Intervention to Reduce Children's Exposure to Environmental Asthma Triggers. *Journal of Environmental Health*, 70 (3): 28-31.
 19. Boothe VE and **Shendell DG**. 2008. Potential Health Effects Associated with Residential Proximity to Freeways and Primary Roads: Review of Scientific Literature 1999-2006. *Journal of Environmental Health*, 70 (8): 33-41.
 20. Gregory AC, **Shendell DG**, Okosun SI, Giesecker KG. 2008. Multiple Sclerosis Disease Distribution and Potential Impact of Environmental Air Pollutants in Georgia. *Science of the Total Environment*, 396(1): 42-51.
 21. Egwuogu H, **Shendell DG**, Okosun SI, Goodfellow LT. 2008. The Effect of Urinary Cadmium on Cardiovascular Fitness as Measured by VO_{2 max} in White, Black and Mexican Americans. *Environmental Research*, 109: 292-300. <http://dx.doi.org/10.1016/j.envres.2008.11.010>
 22. **Shendell DG**, Hemminger L, Campbell J, Schlegel B. 2009. Structured Learning Experiences in New Jersey: Trainings, Communications and Lessons Learned in Support of Enhanced School-Based Occupational Health and Safety Practice. *Public Health Reports*, 124 (Suppl 1, July-August): 74-83.
 23. **Shendell DG**, McCarty F, Jewett A, Zimmerman RD, Goodfellow LT, Benardot DB, Martin DE, Witteveen MZ, O'Dea NK, Ari A. 2009. Measured versus Self-Reported BMI of Recreational Endurance Athletes: Health Implications. *Marathon & Beyond*, 13 (4): 62-72.
 24. Ana GREE, **Shendell, DG**, Brown, GE, Sridhar MKC. 2009. Assessment of noise and associated health impacts at selected secondary schools in Ibadan, Nigeria. *Journal of Environmental and Public Health*, doi:10.1155/2009/739502, available at <http://www.hindawi.com/journals/jep/2009/739502.html>
 25. Ana GREE, **Shendell, DG**, Odeshi TA, Sridhar MKC. 2009. Identification and initial characterization of prominent air pollution sources and respiratory health at secondary schools in Ibadan Nigeria. *Journal of Asthma*, 46 (7): 670 – 676
 26. Laster N, Holsey CN, **Shendell DG**, McCarty F, Celano M. 2009. Barriers to Asthma Management among Urban Families: Caregiver and Child Perspectives. *Journal of Asthma*, 46 (7): 731 – 739.
 27. Yamamoto N, **Shendell DG**, Winer AM, Zhang J. 2010. Residential air exchange rates in three major U.S. metropolitan areas: results from the Relationship Among Indoor, Outdoor and Personal Air Study 1999-2001. *Indoor Air*, 20 (1): 85-90. DOI 10.1111/j.1600-0668.2009.00622.x (as of July 31, 2009)
 28. **Shendell DG**, Alexander MS, Huang Y. 2010. Community Environmental Quality Knowledge and Awareness among Nurses: Developing and Piloting an Assessment Survey in Schools. *Pediatric Nursing*, 36 (1): 18-24 and 32.

29. **Shendell DG**, Nowakowski XCN. 2010. Community Built Environment Factors Around Senior Wellness Centers Potentially Related to Elderly Mobility. *Journal of Public Health Policy*, 31: 15-118.
30. **Shendell DG**, Alexander MS, Lorentzson L, McCarthy FA. 2010. Knowledge and awareness of heat-related morbidity among adult recreational endurance athletes. *International Journal of Biometeorology*, 54 (4): 441-448. DOI: 10.1007/s00484-009-0295-3 (as of December 11, 2009)
31. **Shendell DG**, Alexander MS, Jewett A, Sanders DL, Yang J. 2010. Assessing the potential influence of asthma on student attendance/absence in public elementary schools. *Journal of Asthma*, 47 (4) 465-472.
32. **Shendell DG**, Jhaveri M, Nowakowski XCH, Wozniak M, Campbell JK, Marshall EG, Kelly SK. 2010. Incident Surveillance in New Jersey Career and Technical Education Programs, 1999-2008: Attributes, Severity and Reported Use of Personal Protective Equipment. *AAOHN J*, 58 (9): 367-382.
33. Ana GREE, **Shendell DG**. 2011. School Environmental Health Programs and the Challenges of Achieving the Millennium Development Goals. *Journal of School Health*, 81 (2): 55-56.
34. **Shendell DG**, Johnson ML, Sanders DL, Nowakowski ACH, Yang J, Jeffries CD, Weisman JE, Moulding M. 2011. Community Built Environment Factors and Mobility around Senior Wellness Centers: The Concept of "Safe Senior Zones". *Journal of Environmental Health*, 73 (7): 9-18. (March issue's cover as well).
35. **Shendell DG**, Foster C, Sexton J, Roden J, Yamamoto N, Kelly SW, Chandler L, Venables M, Williams S, Burr S, Wagenleitner V, Anderson N. 2011. Knowledge and awareness of symptoms and treatment among low- to middle-income older adults with asthma and/or COPD: Community-based participatory research in a central California county. *Journal of Asthma and Allergy Educators*, 2 (2): 81-90. DOI 10.1177/2150129710393338 (as of November 8, 2010, published online March 2, 2011)
36. Mizan, SS, **Shendell DG**, Rhoads GG. 2011. Absence, Extended Absence, and Repeat Tardiness Related to Asthma Status among Elementary School Children. *Journal of Asthma*, 48 (3): 228-234. DOI: 10.3109/02770903.2011.555038 (as of December 26, 2010).
37. **Shendell DG**, Ana GREE. 2011. Promoting Environmental Public Health in Rapidly Urbanizing Areas of Less Developed Countries in Africa: A Collaborative Interdisciplinary Training in Ibadan, Nigeria. *Journal of Environmental Health*, 74 (1): 26-35. (July/August issue's cover as well).
38. **Shendell DG**, Alexander MS, Lorentzson L, Kelly SW, Zimmerman RD, Goodfellow LT. 2011. Asthma Diagnosis, Asthma Knowledge, and Co-morbidity among Recreational Endurance Athletes. *Journal of Asthma and Allergy Educators*, 2 (4): 163-172. DOI: 10.1177/2150129710397658 (as of December 23, 2010).
39. **Shendell DG**, Rawling M-M, Alexander MS, Jewett A, Sanders DL, Foster C. 2010. Developing and testing a tracking system via community-based participatory research for prevalence of and reported reasons for tardiness and leaving early in elementary schools in metropolitan Atlanta, Georgia. *International Journal of Prevention Practice and Research*, in press (as of March 31, 2010).
40. Ana GREE, Oloruntoba EO, **Shendell DG**, Elemile OO, Benjamin OR, Sridhar MKC. 2011. Solid Waste Management Problems in Secondary Schools in Ibadan, Nigeria. *Journal of Environmental Health*, 74 (2): 24-28.
41. Yamamoto N, **Shendell DG**, Peccia J. 2011. Assessing allergenic fungi in house dust by floor wipe sampling and quantitative PCR. *Indoor Air*, 21 (6): 521-30. DOI: 10.1111/j.1600-0668.2011.00732.x
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Note:

Four other papers submitted and in review by NJ Safe Schools Program and NJ Department of Health, after multiple agencies clearance processes, 2018-19.

They are, as of late May 2019, in alphabetical order by first author's last name:

Jones LE, Shah N, Graber JM, Fakeh M, Gonzalez L, Koshy K, **Shendell DG**. 2018-2019. Injury Surveillance Trends in Career-Technical Education: New Jersey 1999-2018. Submitted/in peer-review.

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Uhiara DC, **Shendell DG**, Graber JM, Koshy K, Borjan M, Lumia M. 2018-2019. Hospitalization and Injury Fatality Rates among New Jersey Adolescent Workers. Submitted/in peer-review.

Note:

Two other papers in preparation for submission from completed PhD thesis, 2018-19.

Quarcoo MA, Ohman Strickland P, Shendell DG. 2019. Role of Humidity and Interior Finish Materials on Particle Number Counts. Submitted/in peer-review. (*Indoor and Built Environment*).

Quarcoo MA, Ohman Strickland P, Shendell DG. 2019. Roles of Mechanical HVAC Systems Settings and Particle Filters on Particle Number Counts Inside Modular Construction Schools. Submitted/in peer-review. (*Environmental Research*)

Note:

Other papers submitted and in peer-review at NEHA's Journal of Environmental Health: Ana GREE, Oni T, Shendell DG. 2019. Carbon Monoxide Exposure and Reported Health Conditions among Filling Station Attendants Ibadan, Nigeria. Submitted/in peer-review.

Shendell DG, Shah N, Jones LE. 2019. Supporting Students and Young Professionals in Environmental & Occupational Health, Safety, Science and Policy-related Graduate Programs. Submitted/in peer-review.

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B. Government Reports; Invited Book Chapters; Other Professional Communications:

Peer-reviewed, approved federal government reports

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3. **Shendell DG**, Apte MG, Kim JC, and Smorodinsky S. 2002. Building Effective Partnerships for School Environment Assessments and Interventions. Berkeley, CA: E.O. Lawrence Berkeley National Laboratory, July 2002. LBNL-50377.
4. **Shendell DG**, Di Bartolomeo D, Fisk WJ, Hodgson AT, Hotchi T, Lee S-M, Sullivan DP, Apte MG, and Rainer LI. 2002. Final Methodology for a Field Study of Indoor Environmental Quality and Energy Efficiency in New Relocatable Classrooms in Northern California. Berkeley, CA: E.O. Lawrence Berkeley National Laboratory, August 2002. LBNL-51101.
5. **Shendell DG**. 2003. Assessment of Organic Compound Exposures, Thermal Comfort Parameters, and HVAC System-Driven Air Exchange Rates in Public School Portable Classrooms in California. University of California, Los Angeles, School of Public Health, D.Env. dissertation, February 21, 2003. LBNL-53804.
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Peer-reviewed Published Books and Book Chapters

1. **Shendell DG**. 2011. "Community outdoor air quality: Pollution sources, exposure agents and health." In: Nriagu JO (ed.) *Encyclopedia of Environmental Health*, volume 1, pp. 791–805. Burlington, U.K.: Elsevier.
2. **Shendell DG**. 2012. "Human Exposure Assessment." (Volume I, Chapter 2, pp.27-44). In: *The Praeger Handbook of Environmental Health* (1st Ed., Friis RH, ed.), Volume I, Chapter 2, pp.27-44. Long Beach, CA: Prager Publishing Co.
3. **Shendell DG**, Lorentzson L, Ramchandani N. (submitted 6/2013). "Risk of Type 2 Diabetes among Recreational Endurance Athletes." *Endurance:Attitudes/Behaviors, Performance in Athletes and Potential Health Effects* (1st Ed., Pantelis Nikolaidis, Ed.). Hauppauge, NY: Nova Science Publishers, Inc.

Peer-reviewed Published Papers in Printed Proceedings Books from Conferences

1. Apte MG, Hodgson AT, **Shendell DG**, Fisk WJ, Delp WW, Diamond RC, Lee S-M, Rainer LI, Sullivan DP. 2002. Energy and Indoor Environmental Quality Relocatable Classrooms in Northern California. In *Proceedings of the 9th International Conference on Indoor Air Quality and Climate*, Vol. 2, Monterey, CA, 62-67. LBNL-49581.
2. Hodgson AT, Apte MG, **Shendell DG**, et al. 2002. Implementing Source Reduction Practices in Manufactured Houses and Schools to Reduce Concentrations of Volatile Organic Compounds. In *Proceedings of the 9th International Conference on Indoor Air Quality and Climate*, Vol. 3, Monterey, CA, 576-81. LBNL-49536.
3. **Shendell DG**, Macher JM, Tsai FC, Burton L. 2005. Airborne Bacteria and Fungi in 100 Large U.S. Office Buildings. In *Proceedings of 5th International Conference of Bioaerosols, Fungi, Bacteria, Mycotoxins and Human Health*, Saratoga Springs, NY, pages 492-97.
4. Apte MG, Fisk WJ, Hodgson AT, **Shendell DG**, Rainer L, Hoeschele M. 2004. Designing Building Systems to Save Energy and Improve Indoor Environments: A Practical Demonstration. In *Proceedings of the 2004 ACEEE Summer Study on Energy Efficiency in Buildings, August 22 - 27, 2004*, Pacific Grove, California. American Council for Energy Efficient Economy. LBNL-54859.
5. Apte MG, Spears M, Lai CM, **Shendell DG**. 2005. Improving Indoor Environmental Quality and Energy Performance of Modular Classroom HVAC Systems. In *Proceedings of Sustainable Buildings 2005*, Tokyo, Japan. LBNL-57277.
6. **Shendell DG**, Lin L, Fan Z, Yamamoto N, Mizan SS, Annor SD, Foster C. 2011. Exposure to phthalates in house dust: Community-based participatory research in a central California county on low- to middle-income older adults with asthma and/or COPD. In *Proceedings of Indoor Air 2011* (Austin, TX, June 5-10, 2011 (with oral presentation at conference as well)).
7. Mapou AEM, **Shendell DG**. 2013. Carbon dioxide emissions indirectly generated from U.S. plug-in electric vehicles (extended abstract paper #24). In *Proceedings of Climate Change: Impacts, Policy, and Regulation Conference*, Air and Waste Management Association (Washington, D.C., September 10-11, 2013 (with presentation at conference as well)).
8. Sacks DE, **Shendell DG**. 2014. Case Study: Particle Concentrations at a Local Private Gym Dependent on Mechanical Ventilation in a Retrofitted Industrial Building in Central NJ. Published (as full six-page paper) in the Proceedings of INDOOR AIR 2014, Hong Kong, SAR, China, July 7-12, 2014.
9. Sacks DE, **Shendell DG**. 2014. Case Study: Ventilation and Thermal Comfort Parameter Assessment of a Local Private Gym in a Retrofitted Industrial Building in Central NJ. Published (as full eight-page paper) in the Proceedings of INDOOR AIR 2014, Hong Kong, SAR, China, July 7-12, 2014.
10. Cordon TC, **Shendell DG**, London, M. Occupational Hygiene Technician Walkthrough for Assessing Indoor Environmental Quality and Safety Risks in Urban Hospitals. Published (as full eight-page paper) in the Proceedings of INDOOR AIR 2016, Ghent, Belgium, July 4-8, 2016.
11. Milich LJ, **Shendell DG**, Graber JM. Safety and Health Risk Perceptions: A Cross-Sectional Study of Nail and Hair Salon Clients. Published (as full eight-page paper) in the Proceedings of INDOOR AIR 2016, Ghent, Belgium, July 4-8, 2016.
12. Quarcoo MA, **Shendell DG**. Indoor Ozone Estimation from Outdoor Ozone and LBNL RC data 2001-02. Peer-reviewed extended abstract published and oral presentation conducted at INDOOR AIR 2018, Philadelphia, PA, July 23-27, 2018.
13. Quarcoo MA, **Shendell DG**. Roles of Mechanical HVAC Systems, Particle Filters, and % Outdoor Air Intake Settings on Particle (0.3-0.5, 0.5-0.7 microns) Number Counts. Peer-reviewed extended abstract published and oral presentation conducted at INDOOR AIR 2018, Philadelphia, PA, July 23-27, 2018.

14. Quarcoo MA, **Shendell DG**. Role of Humidity and Interior Finish Materials on Particle Number Counts. Peer-reviewed extended abstract published and poster platform presentation conducted at INDOOR AIR 2018, Philadelphia, PA, July 23-27, 2018.
15. Bahreman Blott M, **Shendell DG**. Indoor Air Concentrations of Formaldehyde due to Emissions from Farm Polyethylene Plastic Film High Tunnels. Peer-reviewed extended abstract published and poster platform presentation conducted at INDOOR AIR 2018, Philadelphia, PA, July 23-27, 2018.
16. Bahreman Blott M, **Shendell DG**. Characterizing Farm Polyethylene Plastic Film High Tunnels Indoor Air Environmental Quality Measures. Peer-reviewed extended abstract published and poster platform presentation conducted at INDOOR AIR 2018, Philadelphia, PA, July 23-27, 2018.
17. Jones LE, Gonzalez L, **Shendell DG**. Indoor Dust Levels during Secondary School Cheerleading: Pilot Study. Peer-reviewed extended abstract published and poster platform presentation conducted at INDOOR AIR 2018, Philadelphia, PA, July 23-27, 2018.
18. Jones LE, Gonzalez L, Panchella JA, **Shendell DG**. PM10 during Secondary School Wrestling Practice and Matches: Pilot Study. Peer-reviewed extended abstract published and poster platform presentation conducted at INDOOR AIR 2018, Philadelphia, PA, July 23-27, 2018.

Peer-reviewed, Foundation and Board of Directors-approved reports and books

1. **Shendell DG**, Barnett C, Boese S. 2004. Science-based Recommendations to Prevent or Reduce Potential Exposures to Biological, Chemical, and Physical Agents in Schools. Albany, NY: Healthy Schools Network, Inc., March 2004. Available at: <http://www.healthyschools.org/documents/HPSchlsWhtPpr.pdf> or at http://www.calasthma.org/admin/resources/show_resource/335/ as PDF file.
2. **Shendell DG** and Roberts EM. 2004. CAFA (Community Action to Fight Asthma Initiative) California Asthma Advocacy Data Book. Oakland/San Francisco, CA: CAFA & The California Endowment (TCE). Available from: http://www.calasthma.org/about_cafa/advocacy_databook/
3. Miller JL, **Shendell DG**, Love MB et al. 2005. Asthma and Environmental Advocacy in California: The Role of Health Coalitions: Lessons Learned From Community Action to Fight Asthma: 2002-2005. Oakland/San Francisco, CA: CAFA and TCE. Available from: http://www.calasthma.org/about_cafa/case_studies/

C. Abstracts (peer-reviewed) of conference presentations (oral, panel, poster platform):

1. **Shendell DG**. Comprehensive, Multidisciplinary Assessment of Children's Personal, Outdoor, and Indoor Exposure to Particulate Matter in Southern California. *1999 Science to Achieve Results (STAR) Graduate Fellowship Conference Abstracts*. Washington, D.C.: U.S. EPA (ORD), July 1999. EPA/600/R-99/046
2. **Shendell DG**, Naeher LP, Smith KR, Boy E. A Rapid Exposure Assessment Protocol for PM_{2.5} and CO Concentrations and PM_{2.5} Source Apportionment in Smaller Developing-Country Cities with Limited Resources: Case Study in Guatemala. The Role of Human Exposure Assessment in the Prevention of Environmental Disease, September 22-24, 1999, Rockville, MD.
3. **Shendell DG**, Winer AM, and Colome SD. Assessment of Organic Compound Exposures and HVAC System Functioning in Public School Portable Classrooms, Los Angeles County, CA. Annual Workshop, University of CA Toxic Substances Training and Research Program, April 28-29, 2000, San Diego.
4. **Shendell DG**, Winer AM, and Colome SD. Assessment of Organic Compound Exposures and HVAC System Functioning in Public School Portable Classrooms, Los Angeles County, CA. Annual Workshop, Southern California section of Society for Risk Analysis, May 18, 2000, Los Angeles (UCLA).
5. **Shendell DG**, Colome SD, Winer AM, Sabin LD, Yamamoto N, Guillebaud C, Silverman S. An Assessment of Exposures to Indoor, Outdoor, and Personal Air Concentrations of Fine Particles and Air Toxics: RIOPA, Los Angeles County, CA site. *2000 Science to Achieve Results (STAR) Graduate Fellowship Conference Abstracts*. Washington, D.C.: U.S. EPA (ORD), July 2000. EPA/600/R-00/055.
6. Morandi MT et al. (**co-author**). Influence of Ambient Air on VOC Indoor Air Concentrations Within the RIOPA Study. 10th Annual Meeting of the International Society of Exposure Analysis, Monterey, CA, October 24-27, 2000.
7. Weisel CP et al. (**co-author**). Relationship Between Indoor, Outdoor, and Personal Air Concentrations of VOCs in the RIOPA Study. 10th Annual Meeting of the International Society of Exposure Analysis, Monterey, CA, October 24-27, 2000.
8. Zhang L et al. (**co-author**). Comparing Indoor, Outdoor, and Personal Concentrations Measured Using a DNPH-based Active Sampling Method with Those Measured Using a DNSH-based Passive Sampling Method. 10th Annual Meeting of the International Society of Exposure Analysis, Monterey, CA, October 24-27, 2000.
9. **Shendell DG**, Winer, AM, Colome, SD. Assessment of Organic Compound Exposures and HVAC Functioning in Public School Portable Classrooms in Los Angeles County, CA. 10th Annual Meeting of the International Society of Exposure Analysis, Monterey, CA, October 24-27, 2000.
10. Zhang J, Harrington RS, et al. (**co-author**). Distributions of Indoor, Outdoor, In-Vehicle, and Personal Concentrations of Carbonyl Compounds. 10th Annual Meeting of the International Society of Exposure Analysis, Monterey, CA, October 24-27, 2000.
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70. Kelly, SW, Therkorn, JH, Lewis, AG, Mapou, AEM, **Shendell, DG**. Ergonomics and Young Salon Workers: New Jersey Safe Schools Task Force on Cosmetology 2010-12. Poster platform presentation at the American Public Health Association Annual Meeting, October 28-October 31, 2012, San Francisco, CA.
71. Kelly, SW et al. (NJPHA members, e.g., **Shendell, DG**). Engaging Undergraduate Students: Lessons Learned from NJ Public Health Association Rutgers Student Chapter. Poster platform presentation at the American Public Health Association Annual Meeting, October 28-October 31, 2012, San Francisco, CA.
72. Mapou, AEM, **Shendell, DG**, Lewis, V, Rockafellow, MF, Shah, M Therkorn, JH, Youyou Xiong, Meng, Q, Zhang, J. Aldehydes in Passenger Vehicles: An analysis of data from the RIOPA Study 1999-2001. Poster platform presentation at the American Public Health Association Annual Meeting, October 28-October 31, 2012, San Francisco, CA.
73. Rubenstein, E, **Shendell, DG**, Marcella, SW, Kelly, SW. Personal Protective Equipment Use by Individualized Education Plans Students in Vocational, Career and Technical Education Programs. Poster platform presentation at the American Public Health Association Annual Meeting, October 28-October 31, 2012, San Francisco, CA.
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79. Lewis AG, Murtha AT, **Shendell DG**, Kelly SW, Apostolico A, Mapou AEM, Houlroyd JL. New Learning Tools for Cosmetology Students in Secondary School Programs. Poster platform presentation at the American Public Health Association Annual Meeting, November 2-6, 2013, Boston, MA. (Online access to abstract # 285431)
80. Mapou AEM, **Shendell DG**. Carbon dioxide emissions indirectly generated from U.S. plug-in electric vehicles. Poster platform presentation at the American Public Health Association Annual Meeting, November 2-6, 2013, Boston, MA. (Online access to abstract #285609)
81. Phillips VT, **Shendell DG**. Nosocomial Infections and Preventive Health Care Practices. Poster platform presentation at the American Public Health Association Annual Meeting, November 2-6, 2013, Boston, MA. (Online access to abstract #286011)
82. **Shendell DG**, Lewis AG, Murtha AT, Kelly SW, Cordon TP. Interdisciplinary Safety and Health Training for Teachers of Students/Young Adult Workers with Special Health Care Needs. Poster platform presentation at the American Public Health Association Annual Meeting, November 2-6, 2013, Boston, MA. (Online access to abstract #286074)
83. Murtha AT, Lewis AG, **Shendell DG**, Kelly SW, Apostolico A, Mapou AEM, Houlroyd JL. New Learning Tools for Cosmetology Students in Secondary School Programs. Poster platform presentation at the NJ Society of Public Health Education Annual Meeting, December 5, 2013.
84. Murtha AT, **Shendell DG**, Lewis AG, Kelly SW, Cordon TP. Interdisciplinary Safety and Health Training for Teachers of Students/Young Adult Workers with Special Health Care Needs. Poster platform presentation at the NJ Society of Public Health Education Annual Meeting, December 5, 2013.
85. **Shendell DG**, Sacks DE. Case Study: Particle Concentrations at a Local Private Gym Dependent on Mechanical Ventilation in a Retrofitted Industrial Building in Central NJ. Oral presentation at INDOOR AIR 2014, Hong Kong, SAR, China, July 7-12, 2014.
86. **Shendell DG**, Sacks DE. Case Study: Ventilation and Thermal Comfort Parameter Assessment of a Local Private Gym in a Retrofitted Industrial Building in Central NJ. Poster platform presentation at INDOOR AIR 2014, Hong Kong, SAR, China, July 7-12, 2014.
87. **Shendell DG**, Sacks DE. Case Study: PM10/PM2.5 at a Local Private Gym with Mechanical Ventilation in a Retrofitted Industrial Building. Presentation at the International Society of Exposure Analysis Annual Meeting, October 14, 2014, Cincinnati, OH.
88. Apostolico A, Lewis AG, Kelly SW, Murtha AT, **Shendell DG**. Using the Salon Safety Quiz as a Pre-/Post- Evaluation Assessment Tool When Training Young Cosmetology Workers. Roundtable oral presentation at the American Public Health Association Annual Meeting, November 15-19, 2014, New Orleans, LA. (Online access to abstract #303356)
89. Cordon TP, **Shendell DG**, Lewis AG, Kelly SW. Classroom and Worksite Technology Needs Assessment for Secondary School Teachers Working with Students with Special Health Care Needs. Oral platform presentation at the American Public Health Association Annual Meeting, November 15-19, 2014, New Orleans, LA. (Online access to abstract #303336)
90. **Shendell DG**. An Overview of Environmental Health Issues in Child Care/Day Care Centers. Oral presentation at the American Public Health Association Annual Meeting, November 15-19, 2014, New Orleans, LA. (Online access to abstract #313822)

91. **Shendell DG**, Zhang YY (Lucy), Tumati N, Kelly SW. Rutgers Global Child Labor Forum. Poster platform presentation at the American Public Health Association Annual Meeting, November 15-19, 2014, New Orleans, LA. (Online access to abstract #304593)
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93. **Shendell DG**, Kelly S, Apostolico AA, Ahmed SA. "Comparing the impact on knowledge and awareness among young workers of online and in-person means of delivering OSHA 10 General Industry training." Oral roundtable presentation at the American Public Health Association Annual Meeting, October 31-November 4, 2015, Chicago, IL. (Online access to abstract #332901)
94. Lee S, **Shendell DG**. "Investigating Distracted Driving Among Undergraduate Students in New Jersey." Oral presentation at the American Public Health Association Annual Meeting, October 31-November 4, 2015, Chicago, IL. (Online access to abstract #324546)
95. **Shendell DG**, Milich LJ, Graber JM. Safety and Health Risk Perceptions: A Cross-Sectional Study of Nail and Hair Salon Clients. INDOOR AIR 2016, Ghent, Belgium, July 4-8, 2016.
96. **Shendell DG**, Cordon TP, London M. Occupational Hygiene Technician Walkthrough for Assessing Indoor Environmental Quality and Safety Risks in Urban Hospitals. INDOOR AIR 2016, Ghent, Belgium, July 4-8, 2016.
97. Noomnual S, **Shendell DG**. Young adult street vendors and reported health outcomes affected by measured exposures to near-roadway traffic-related air pollution in Bangkok, Thailand Poster platform presentation at the International Society of Exposure Science Annual Meeting, Utrecht, The Netherlands, October 9-13, 2016.
98. Gourdine A, Yuan M, **Shendell DG**. Determining Awareness of and Interests in Public Health Practice and Research among Undergraduate Students without Declared Majors. Poster presentation at the American Public Health Association Annual Meeting, October 29-November 2, 2016, Denver, CO. (Online access to abstract #364094)
99. Mathew R, Milich LJ, Pratt M, Graber JM, **Shendell DG**. Acute symptoms related with exposure to the common chemicals used by nail technicians. Poster presentation at the American Public Health Association Annual Meeting, October 29-November 2, 2016, Denver, CO. (Online access to abstract #362729)
100. Milich LJ, Graber JM, **Shendell DG**. Safety and Health Risk Perceptions of Nail and Hair Salon Clients: A Cross-Sectional Study. Poster presentation at the American Public Health Association Annual Meeting, October 29-November 2, 2016, Denver, CO. (Online access to abstract #359513)
101. Patti AA, Koshy K, Aridegbe I, Patel D, **Shendell DG**. Developing a Career Cluster Specific Personal Protective Equipment Training Online for Teachers and Students based on Incident (Injury) surveillance in New Jersey secondary schools Oral roundtable presentation at the American Public Health Association Annual Meeting, October 29-November 2, 2016, Denver, CO. (Online access to abstract #363104)
102. **Shendell DG**, Milich LJ, Apostolico AA, Cordon TP, Noomnual S, Patti AA. Incident (Injury) surveillance among youth/young workers in secondary schools: Examining disparities by race/ethnicity or SES and the efficacy of new law-based online form. Oral roundtable presentation at the American Public Health Association Annual Meeting, October 29-November 2, 2016, Denver, CO. (Online access to abstract #363560)

103. **Shendell DG** and Listwan TA. New Jersey Adolescent Concussions/Traumatic Brain Injury (TBI) Surveillance Data Analysis to Inform Education and Prevention of Repeated TBI. Peer-reviewed abstract and oral presentation at the Big10-Ivy League Alliance on Concussion Research Annual Conference July 13-14, 2016, Philadelphia, PA.
104. Gonzalez L and **Shendell DG**. New Jersey Adolescent Student-Athlete Concussions/Traumatic Brain Injury (TBI) Surveillance Data Analysis and Associated K-12 Educational Initiatives. Oral presentation at the Brain Injury Alliance of New Jersey Summit on Concussions, June 22, 2017, Middlesex County, NJ.
105. Gray L, Gonzalez L, **Shendell DG**. An Online Course on Safety, Health and Soft Skills for Secondary School Teachers Working with Students with Special Health Care Needs. Peer-reviewed abstract and poster presentation at the American Public Health Association Annual Meeting, November 4-8, 2017, Atlanta, GA (Online access to abstract #384500)
106. **Shendell DG**. Climate change as the key theme of an integrating, culminating module of a core course offered both in-person and online for public health graduate students. Peer-reviewed abstract and oral presentation at the American Public Health Association Annual Meeting, November 4-8, 2017, Atlanta, GA (Online access to abstract #386416)
107. **Shendell DG**, Gonzalez L, Uhiara D, Listwan TA. New Jersey Adolescent Concussions/Traumatic Brain Injury (TBI) Surveillance to Inform Education and Prevention of Repeated TBI: Comparing data from preseason/fall 2015 and 2016. Peer-reviewed abstract and poster presentation at the American Public Health Association Annual Meeting, November 4-8, 2017, Atlanta, GA (Online access to abstract #384452)
108. Uhiara D, **Shendell DG**, Graber JM. Injuries among young workers in secondary school career and technical education programs: Examining disparities by age, gender and race/ethnicity as well as socioeconomic status, 2012-17. Peer-reviewed abstract and poster presentation at the American Public Health Association Annual Meeting, November 4-8, 2017, Atlanta, GA (Online access to abstract #384482)
109. Uhiara D, **Shendell DG**, Graber JM. Injuries among young workers in secondary school career and technical education programs: Examining disparities by age, gender and race/ethnicity as well as socioeconomic status, 2012-17. Peer-reviewed abstract and poster presentation at NYCEF Annual Meeting, Newark, NJ, February 16, 2018.
110. Friere V, **Shendell DG**. Public Awareness of Tick-borne Illnesses and Built Environment Factors. Peer-reviewed abstract and oral presentation conducted at NJ Environmental Health Association Annual Meeting and Educational Conference, Atlantic City, NJ, March 5, 2018.
111. **Shendell DG**, Gonzalez L, Uhiara DC, Hulit E, Panchella JA, Triano P. New Jersey Online Adolescent Concussion Injury Surveillance: Lessons Learned 2015-18. Peer-reviewed extended abstract published and poster presentation conducted at the Big Ten-Ivy League Academic Alliance Concussion/Traumatic Brain Injury Annual Conference, Philadelphia, PA, July 18-19, 2018.
112. Gonzalez L, Uhiara DC, **Shendell DG**, Hulit E, Panchella JA, Triano P. New Jersey Adolescent Concussions Surveillance: Comparing sports-specific data from preseason/fall and spring seasons during the 2015-2018 school years. Peer-reviewed extended abstract published and poster presentation conducted at the Big Ten-Ivy League Academic Alliance Concussion/Traumatic Brain Injury Annual Conference, Philadelphia, PA, July 18-19, 2018.
113. Uhiara DC, Gonzalez L, **Shendell DG**, Hulit E, Panchella JA, Triano P. New Jersey Adolescent Concussions Surveillance: Impact of Weather Conditions and Field Type on Football Injuries from Preseason/Fall Seasons 2015-2017. Peer-reviewed extended abstract published and poster presentation conducted at the Big Ten-Ivy League Academic Alliance Concussion/Traumatic Brain Injury Annual Conference, Philadelphia, PA, July 18-19, 2018.

114. Quarcoo MA, **Shendell DG**. Indoor Ozone Estimation from Outdoor Ozone and LBNL RC data 2001-02. Peer-reviewed extended abstract published and oral presentation conducted at INDOOR AIR 2018, Philadelphia, PA, July 23-27, 2018.
115. Quarcoo MA, **Shendell DG**. Roles of Mechanical HVAC Systems, Particle Filters, and % Outdoor Air Intake Settings on Particle (0.3-0.5, 0.5-0.7 microns) Number Counts. Peer-reviewed extended abstract published and oral presentation conducted at INDOOR AIR 2018, Philadelphia, PA, July 23-27, 2018.
116. Quarcoo MA, **Shendell DG**. Role of Humidity and Interior Finish Materials on Particle Number Counts. Peer-reviewed extended abstract published and poster platform presentation conducted at INDOOR AIR 2018, Philadelphia, PA, July 23-27, 2018.
117. Bahreman Blott M, **Shendell DG**. Indoor Air Concentrations of Formaldehyde due to Emissions from Farm Polyethylene Plastic Film High Tunnels. Peer-reviewed extended abstract published and poster platform presentation conducted at INDOOR AIR 2018, Philadelphia, PA, July 23-27, 2018.
118. Bahreman Blott M, **Shendell DG**. Characterizing Farm Polyethylene Plastic Film High Tunnels Indoor Air Environmental Quality Measures. Peer-reviewed extended abstract published and poster platform presentation conducted at INDOOR AIR 2018, Philadelphia, PA, July 23-27, 2018.
119. Jones LE, Gonzalez L, **Shendell DG**. Indoor Dust Levels during Secondary School Cheerleading: Pilot Study. Peer-reviewed extended abstract published and poster platform presentation conducted at INDOOR AIR 2018, Philadelphia, PA, July 23-27, 2018.
120. Jones LE, Gonzalez L, Panchella JA, **Shendell DG**. PM10 during Secondary School Wrestling Practice and Matches: Pilot Study. Peer-reviewed extended abstract published and poster platform presentation conducted at INDOOR AIR 2018, Philadelphia, PA, July 23-27, 2018.
121. Uhiara DC, **Shendell DG**, Borjan M, Lumia M. Hospitalization and Injury Fatality Rates among New Jersey Youth Workers Ages 14 to 21. Peer-reviewed extended abstract published and oral presentation conducted at the National Occupational Injury Research Symposium (U.S. CDC-NIOSH-DSR), Morgantown, WV, October 16-18, 2018.
122. **Shendell DG**, Uhiara DC, Graber JM, Gonzalez L, Fakeh M. Young Worker Reported Injuries in New Jersey for FY 2017 and Time Trends 1999-2017. Peer-reviewed extended abstract published and oral presentation conducted at the National Occupational Injury Research Symposium (U.S. CDC-NIOSH-DSR), Morgantown, WV, October 16-18, 2018.
123. Gonzalez L, Uhiara DC, **Shendell DG**. New Jersey Adolescent Concussions Surveillance: Impact of Weather Conditions and Field Type on Football Injuries from Preseason/Fall Seasons 2015-2017. Peer-reviewed abstract and oral presentation conducted at the Annual Meeting of the American Public Health Association, San Diego, CA, November 11-14, 2018.
124. **Shendell DG**, Uhiara DC, Graber JM, Gonzalez L, Fakeh M. Young Worker Reported Injuries in New Jersey for FY 2017 and Time Trends 1999-2017. Peer-reviewed abstract and oral presentation conducted at the Annual Meeting of the American Public Health Association, San Diego, CA, November 11-14, 2018.

125. ...

Note: Four regional presentations 11-12/2018 and 5/2019 for student-athlete concussion surveillance research not included on this list, though abstracts peer-reviewed.

Note: Abstracts pending for APHA 2019 as of winter 2018-2019....