

Curriculum Vitae

Rutgers University (UMDNJ Legacy) format

DATE: Last updated late April 2024 (due <5/1/24) for annual review end NJ Fiscal Year (SFY) 2023-2024

NAME: Derek G. Shendell

PRESENT TITLE:

Professor (100% FTE 7/1/2022- with 1st 5-yr contract as a non-tenure-track clinical scholar on core faculty) and

Concentration Leader for MPH-Environmental Health Sciences (at present 8/1/2022-6/30/2024)

Director of New Jersey Safe Schools Program (1/1/2008-present)

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 - Suite 399 (office 384 and field dry lab 381 else NJ Safe Schools Program staff)

Piscataway, NJ 08854

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

CITIZENSHIP: USA

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 and 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 and Justice

Professor (100% FTE 7/1/2022- with 1st 5-yr contract as a non-tenure-track clinical scholar)
And
Concentration Leader for MPH-Environmental Health Sciences (at present 8/1/2022-6/30/2024)
Director of New Jersey Safe Schools Program (1/1/2008-present)

Associate Professor (7/1/2014-6/30/2022), non-tenure-track clinical scholar and core faculty
And
Concentration Leader, Environmental Health Sciences (1/2/2021-6/30/2022)
Also
Director of New Jersey Safe Schools Program
Doctoral Coordinator (1/2017-11/2019)
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 of New Jersey Safe Schools Program

Member of Environmental and Occupational Health Sciences Institute (1/2008-12/2020 & 2022-)
Also, Adjunct Associate Professor, Jockey School of Public Health and Primary Care, Chinese University of Hong Kong, SAR, CHINA (19 January 2015 to 30 June 2022, including being external advisor to undergraduate public health environmental field studies course, PHPC3018)

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
Please note only 20% *public health consultant/part-time instructor 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)

HONORS AND AWARDS:

National Environmental Health Association, Presidential Citation, 7-10/2020
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 and 2018 and 2021 and 2022 and 2024

B. National

- American Public Health Association (APHA) 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 School Health Association (ASHA)
Member 2018-present
Appointed to Research and Publications Committee (*Journal of School Health*), 1/2021-
Appointed to Editorial Board, *Journal of School Health*, 2022-
- American Society of Safety Engineers/Professionals (with NJ Section & Penn-South NJ Section) member 2010-present;

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

- California interagency working groups membership
Indoor air quality, 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. APHA International Health-State Affiliates Committee Global Health, 2010-11.

- Safe States Alliance/Coalition (funded by U.S. Centers for Disease Control and Prevention)
Member (NJ's only formal member), 9/2022-present
Named/Elected by peers as Co-Chair Regions I-II (New England states, NJ, NY, P.R.), fall 2023-present

United States Environmental Protection Agency (USEPA)

Appointed consultant to BoSC Executive Committee, 11/2023-present

Appointed member, BoSC Executive Committee & Community/Social Sciences,
3/2022-10/2023

Appointed member, BoSC (focus on Sustainable and Communities), 11/2017-2/2022.

Appointed member, Children's Health Protection Advisory Committee, 3/2020-3/2023.

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. Future assignments TBD.

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 Admissions and Academic Progression committees, 2019-present

SPH Awards Committee (representative from ENOHJ Department), 9/2021-6/2023

Chair, 11/2021-10/2022

SPH Community Engaged Research Committee (appointed by the Dean), 3/2024-present

SPH-ENOHJ Concentration Leader, MPH Environmental Health Sciences (EHS), 2021-present

SPH-ENOH co-Concentration Advisor of MPH dual concentrations (OSH and EHS), 2017-2020.

SPH Doctoral committee, fall 2008- fall 2019

SPH-ENOH Doctoral Program Coordinator, 2/2017-11/2019

SPH DrPH committee (Chair/lead, CEPH accreditation report and DrPH Practicum), 2013-2016

SPH By Laws 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:

Editorial Board member as Academic/Associate Editor of Children's Health Section,
International Journal of Environmental Research and Public Health, 7/2020-12/2023.
Editorial Board member as Academic/Associate Editor of Environmental Health Section,
International Journal of Environmental Research and Public Health, 1/2024-present.

Editorial Board member
Journal of School Health, spring 2021-present

Editorial Board member
African Journal of Environmental Health Sciences, fall 2020-present

G. Peer-review done to the following journals (in alphabetical order):

Academic Pediatrics
Allergy and Asthma Proceedings
American Journal of Industrial Medicine
American Journal of Public Health
Annals of Work Exposures and Health
Atmosphere (MDPI journal) (1st time in SFY23-24)
Atmospheric Pollution Research (1st time in SFY23-24)
BMC Public Health
BMC Open
Cleaner Engineering and Technology or CLET
Chiang Mai University Journal of Natural Sciences or CMUJ
Chemical Speciation/Environmental Pollutants and Bioavailability (1st time in SFY23-24)
Contemporary Nurse (1st time in SFY23-24)
Current Microbiology
Diseases (MDPI journal)
Energy and Buildings
Environmental Health Insights (1st time in SFY23-24)
Environmental Microbiology (1st time in SFY23-24)
Environment International
Environmental Research
Environmental Quality Management
Frontiers in Public Health
Indoor Air
Indoor and Built Environment (1st time in SFY23-24)
Injury Epidemiology
International Archives of Occupational and Environmental Health
International Journal of Adolescent Medicine and Health (1st time in SFY23-24)
International Journal of Environmental Research and Public Health
International Journal of Environmental Science and Technology
International Journal of Injury Control and Safety Promotion
International Journal of Public Health
Health Education Journal
Health Education Research
Health Promotion and Practice
Journal of Adolescent Health
Journal of Asian Architecture and Building Engineering
Journal of Asthma Journal of Asthma and Allergy Education
Journal of Air and Waste Management
Journal of Building Engineering (1st time in SFY23-24)
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 Occupational and Environmental Hygiene
Journal of Physical Activity and Health
Journal of Public Health Dentistry
Journal of Radiation Research and Applied Sciences *Journal of the Royal Society of Public Health*; *Journal of Rural Health*
Journal of School Health
Journal of Urban Health
PLOS One
Pulmonary Medicine
Safety and Health at Work
Science of the Total Environment
Sports (MDPI journal)
Systematic Reviews
The Scientific World Journal (Hindawi journal)
Vulnerable Children and Youth Studies.

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

SERVICES ON HOSPITAL COMMITTEES: not applicable

SERVICE TO THE COMMUNITY:

NJ School Boards Association/U.S. Army “NJ STEAM TANK” K-12 Competition

Volunteer judge of science, technology, engineering and math (STEM) concept project presentations by high school teams and their supervising teacher(s) statewide.

2020-2021 school year

2021-2022 school year

2022-2023 school year

Led two-year evaluation (2021-2023 school years impacted by COVID-19), fall 2022-fall 2023; peer-reviewed paper in *NJEA Review Journal* in-print (short brief) and online (full version) 10/2023.

2023-2024 school year

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.

Led initial 5-year evaluation (2014-2019 school years, 2014-2018 calendar

year final data) late spring-fall 2019; peer-review version in *Environmental Research*.

New Jersey Child Labor Advisory Board (NJ Department of Labor and Workforce Development),

Appointee for health sciences and safety (member with voting responsibility).

2009-present

New Jersey Interagency Working Group-Environmental Education (K-12),

Appointee for health sciences/graduate schools (member with voting responsibility).

2008-present

New Jersey Local Board of Health (Chatham, NJ and Madison area Health District),

Appointee (member with voting responsibility), winter 2016 to fall 2017.

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 survey-based research, "Investigating Distracted Driving Among Undergraduate Students (at Rutgers, The State University of NJ)."
- 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 survey-based research, "Determining Awareness of and Interests in Public Health: Survey of Undergraduate Students without Declared Majors (at Rutgers, The State University of NJ)."
- 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:* 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:* Connected to year two of two of a GAIA Center's Global Health! grant I received.)
- 15.) September 2015-April 2016, Amber Gourdine, 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 NJ)."
- 16.) January-May 2016, Amber Gourdine, 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 NJ).")
- 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 cyber-safety and cybersecurity, which was approved by New Jersey Department of Education to launch statewide in fall 2018.)

Note: None were hosted in 2018-2022 academic years due to physical space limitations. Now with field dry lab in place (SPH room 381), students were requested to be hosted in future academic years.

SPONSORSHIP OF MASTER'S (MPH) THESIS/PROJECTS (as of *end of summer 2022*):

- 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.) "Indoor Environmental Quality in Open-Plan Versus Traditional Office Settings." January 2019-May 2020. Alexis Uram, Faculty Co-Advisor (with Dr. Koshy Koshy, for ENOH-OSH major; site preceptor at Bristol Myers Squibb).
- 33.) "A Survey on Vaping and E-Cigarette Environmental and Fire/Life Safety Risks in NJ Schools for Secondary School Teachers." May 2019-May 2020. Andrew Sansone, Faculty Advisor and Site Preceptor (ENOH-EHS major).
- 34.) "A Survey/Needs Assessment for Getting Back to School in NJ." January-August 2020. Sarah Sahili. Site Preceptor (MPH/health policy major; Advisor: Thomas A. Mackie).
- 35.) Lily F. Black. (Parts I-II of II) December 2021-May 2022. Site Preceptor (MPH/environmental health sciences major; Advisor: Helmut Zarbl).
- 36.) Kefei Li. (Parts I-II of II) December 2021-May 2022. Site Preceptor (MPH/occupational safety and health major; Advisor: Koshy Koshy).
- 37.) Midhat Rehman. January-May 2022. Site Preceptor (MPH/health policy major; Advisor: Slawa Rocicki).
- 38.) Yvette N. Way. (Part I of II) May-August 2022. Co-Site Preceptor with NJ Safe Schools Program staff. (MPH/environmental health sciences major; Advisor: Derek G. Shendell).
- 39.) Karen Zuluaga. (Part I of II) August-September 2022. Co-Site Preceptor with NJEHA/Rutgers OCPE REHS Review Course staff. (MPH/environmental health sciences major; Advisor: Derek G. Shendell).
- 40.) Yvette N. Way. (Part IIa-b of II) September 2022-May 2023. Co-Site Preceptor with NJ Work Environment Council. (MPH/environmental health sciences major; Advisor: Derek G. Shendell).
- 41.) Alexa Fiumarelli. (Part I of II) September 2022-January 2023. Co-Site Preceptor with Project Ethiopia, Seattle, WA non-profit. (MPH/environmental health sciences major; Advisor: Derek G. Shendell).
- 42.) Justin Panzarella. (Part I of II) September-December 2022. Co-Site Preceptor with Project Ethiopia, Seattle, WA non-profit. (MPH/occupational safety and health major; Advisor: Dr. K. Koshy).
- 43.) Justin Panzarella (Part IIa-b of II) September 2022-May 2023. Co-Site Preceptor with NJ Work Environment Council. (MPH/occupational safety and health major; Advisor: Dr. K. Koshy).
- 44.) Trudian Banton (Part I of II) May 2023-July 2023. Site Preceptor with NJ Safe Schools Program. (MPH/environmental health sciences major; Advisor: Derek G. Shendell).
- 45.) Alexa Fiumarelli. (Part II of II) May 2023-spring 2024. Co-Site Preceptor with NJ Safe Schools Program staff. (MPH/environmental health sciences major; Advisor: Derek G. Shendell).

- 46.) Elizabeth Hernandez. Academic Year 2023-2024. Co-Site Preceptor with NJ Safe Schools Program staff. (MPH/epidemiology & REHS professional; Advisors: Zorimar Rivera-Nuñez, Derek G. Shendell).
- 47.) Trudian Banton (Part II of II) Academic Year 2023-2024. Site Preceptor with NJ Safe Schools Program. (MPH/environmental health sciences major; Advisor: Derek G. Shendell).
- 48.) Zarin Hussain (Part IIa-b of II) Academic Year 2023-2024. Co-Site Preceptor with NJ Work Environment Council. (MPH/environmental health sciences major; Advisor: Derek G. Shendell).
- 49.) Karen Zuluaga. (Part II of II) Academic Year 2023-2024 and summer 2024. Co-Site Preceptor with NJ Safe Schools Program staff. (MPH/environmental health sciences major; Advisor: Derek G. Shendell).
- 50.) ...

Note there are others likely TBD for fall 2024 and academic year 2024-2025 by 5-6/2024 as well.

Note: ***Each of my MPH students left Rutgers SPH with a promotion or new job*** at a local (city, town or county) health department in NJ, a state agency, a federal agency (U.S. Environmental Protection Agency in Washington, D.C. else Region II in New York City or Edison/Woodbridge, NJ), or in private sector else continued for PhD degree at Rutgers (SPH, SEBS) or at other SPH.

Note I also co-advised HSAP major Maryann Wozniak (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 I also created second internship experience in spring 2016 for EPID major Lamyia Ibrahim, given her Fieldwork I-II was determined to be more clinical/basic sciences in nature (advisor Dr. Elizabeth G. Marshall). This experience was related to FWI-II of Tracy Listwan. 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 Sindoor 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 & Occupational Health Service). Dissertation completed May 2016 as “Analysis of Lead in Sindoor and Related Religious Powders Purchased in New Jersey and India.”
- 3.) Mehra Bahremmand Blott, MS, PhD. 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. 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.
- 5.) Thanawat Rattanawitton, MS, PhD. Approved proposal entitled, “An examination of an integrated community-based training program to reduce pesticide exposure and enhance safety among mothers of children age 0-72 months in Ban Luang, Nan, Thailand.” Committee member. Chair is Dr. Mark Gregory Robson. Committee member also include Dr. Nancy Fiedler and Dr. Wattasit Siriwong. Dissertation completed by May 2021.

Note: ***Each PhD student left Rutgers SPH with a promotion at current job (M.B-B, contractor to U.S. Centers for Disease Control and Prevention and adjunct faculty at a community college in W.MD) or a new permanent job*** at a state then local agency (MQ), a federal agency like U.S. Environmental Protection Agency in Washington, D.C. (MPS) or Thailand Ministry of Health in Bangkok (TR), or in U.S. private sector as environmental safety & health & sustainability professional in management position (AEMM).

SPONSORSHIP OF POST-DOCTORAL FELLOWS: None to date, *not an emphasis at Rutgers SPH.*

TEACHING RESPONSIBILITIES:

Introduction to Environmental Public Health Sciences, **PHCO0503-030/031/032/035**

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

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

Taught spring semester 2021 hybrid (Zoom synchronous, Canvas asynchronous all campuses

Taught summer-I semester 2021 hybrid (Zoom synchronous, Canvas asynchronous all campuses

Teaching fall semester 2021 in-person for the Piscataway/New Brunswick campus

Prepared May 2023 to teach fall semester 2023 in-person for 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 and Human Health, 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

Taught again fall 2022 for the Piscataway/New Brunswick campus

And

Taught fall 2021 as a Byrne Honors College Freshman Undergraduate Seminar,
1.0 credit hour, for the New Brunswick/Piscataway campus

Taught spring 2022 as a Byrne Honors College Freshman Undergraduate Seminar,
1.0 credit hour, for the New Brunswick/Piscataway campus

Taught fall 2022 as a Byrne Honors College Freshman Undergraduate Seminar,
1.0 credit hour, for the New Brunswick/Piscataway campus

Taught spring 2023 as a Byrne Honors College Freshman Undergraduate Seminar,
1.0 credit hour, for the New Brunswick/Piscataway campus

Taught fall 2023 as a Byrne Honors College Freshman Undergraduate Seminar,
1.0 credit hour, for the New Brunswick/Piscataway campus

Prepared March-April 2024 to teach again fall semester 2024 as a Byrne Honors College
Freshman Undergraduate Seminar, 1.0 credit hour, for the New Brunswick/Piscataway campus

Prepared April-May 2023 to teach new ***“Hazard NJ: NJ Communities with Superfund sites
Potentially Affected by Climate Change/Extreme Weather Events”*** as a Byrne Honors College Freshman
Undergraduate Seminar, 1.0 credit hour, for the New Brunswick/Piscataway campus for 1st time 9-12/2023.

Taught in fall semester 2023 as a Byrne Honors College Freshman Undergraduate Seminar,
1.0 credit hour, for the New Brunswick/Piscataway campus

Prepared March-April 2024 to teach again fall semester 2024 as a Byrne Honors College
Freshman Undergraduate Seminar, 1.0 credit hour, for the New Brunswick/Piscataway 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 (course not offered in fall 2020 due to COVID-19).

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):

A. Principal Investigator Current Support [as of end April including those known to start in summer 2024]

(most current listed first):

1-14, 16, 18, 22)

“NJ Safe Schools Program: Occupational Education Safety & Health Training & Standards.”

NJ Department of Education, Office of Career Readiness (former Office of Career & Technical Education);

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

Funding awarded as 1-2 year grant/contract; renewed to date (guaranteed 1/18-12/23, then 2024- TBD).

Includes partial PI salary every year.

The grant/contract funding (through CY2024) ranged \$200,000 to \$249,000 per 12 month calendar year (including 8-10% indirect costs); program income budget varied per 12 month calendar year, ~\$75000-125000 recent years. The budget for CY2025 is higher but cannot be confirmed by NJDOE until 7/2024.

For NJ secondary schools, per state and federal laws, regulations and codes, to conduct 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 Interagency 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); conduct other applied research to inform policy and interventions; and various communications through e-mail and the Internet.

15, 17, 19, 21)

“NJ Safe Schools Program:

Creating a Cohort of New Teachers to Supervise Work-Based Learning”

NJ Department of Education, Office of Career Readiness and U.S. Department of Education (Perkins V)

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

Funding awarded as 1-year grant/contract, on state fiscal year 6/1/2021-6/30/2022 (vs. main program calendar year); \$250,000 (including 10% indirect costs but excludes ~\$3000 in training administrative fees related to one of three statewide goals/aims). Includes partial PI salary.

“NJ Safe Schools Program:

Continuing and Expanding a Cohort of New Teachers to Supervise Work-Based Learning in both Non-Hazardous and Hazardous Occupations”

NJ Department of Education, Office of Career Readiness and U.S. Department of Education (Perkins V)

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

Funding awarded as 1-year grant/contract, on state fiscal year 7/1/2022-6/30/2023 (vs. main program calendar year). \$249,000 (including 10% indirect costs but excludes ~\$3000 in training administrative fees related to one of three statewide goals/aims). Includes partial PI salary, 30%+ FTE.

“NJ Safe Schools Program:

Statewide Capacity Building: Recruitment and Training of Newer NJ High School Teachers for Work-Based Learning in Agricultural Education and Other Priority Occupations”

NJ Department of Education, Office of Career Readiness and U.S. Department of Education (Perkins V)

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

Funding awarded as 1-year grant/contract, on state fiscal year 8/4/2023-6/30/2024 (vs. main program calendar year). \$249,000 (including 10% indirect costs but excludes total of ~\$41000 in training administrative fees related to the two statewide goals/aims). Includes partial PI salary, 30%+ FTE.

“NJ Safe Schools Program:

Statewide Capacity Building: Recruitment and Training of Newer NJ High School Teachers for Work-Based Learning in Targeted Career Clusters for Promotion of Equity in Prioritized Occupations.”

NJ Department of Education, Office of Career Readiness and U.S. Department of Education (Perkins V)

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

Funding awarded as 1-year grant/contract, on state fiscal year 7/1/2024-6/30/2025 (vs. main program calendar year). \$249,000 (including 10% indirect costs but excludes total of ~\$24000 in training administrative fees related to the two statewide goals/aims). Includes partial PI salary, 30%+ FTE.

20.) “Assessing indicators of physical & mental health & wellness and longer-term impacts of COVID-19: Expanding scope of NJ Safe Schools Program safety and health training for youth/young adult workers”
NJ Health Foundation

P.I.: Derek G. Shendell, D.Env, MPH
Funding awarded as 1-year grant/contract, 2/15/2023-2/15/2024. \$25,000 (including 10% indirect costs)

23.) “An Enhanced Version of NJ Safe Schools Program Basic Cosmetology Course to Train and Protect Young Black Women Working in NJ Beauty Salons from Exposure to Endocrine Disrupting Chemicals”
U.S. Department of Health and Human Services-Office of Women’s Health

P.I.: Derek G. Shendell, D.Env, MPH (other P.I. was Erin Ihde Speizer at HUMC DIEHC to 4/2023)
Funding awarded as 1-year grant/contract, in federal fiscal year 2023. \$23,514 (with 10% indirect costs)

24.) “NJ School Emergency Preparedness and Built Environment Aspects Related to Gun Violence”
Rutgers Center for Gun Violence Research, Category 3 Full Pilot Project (via State of NJ funding)
(submitted April 2019, decision yes by late June and final approval per State peer-review summer 2019)
P.I. Derek G. Shendell, D.Env, MPH

Funding awarded as 1-year grant. \$85,161 (excluding indirect costs, which were within parent Center grant, and excluding NJSS program income used for initial pilot 2019 for ~2.5% FTE of P.I. and of two staff).

NJ Safe Schools Program reviews safety and health (S&H) plans about environmental health and workplace safety regulations for HS career-technical-vocational (CTE) programs for students ages 14-21 in hazardous occupations once every five years for the NJ Department of Education. To date, the only aspects of CTE district or school campus-level S&H plans pertaining directly to violence involving guns and other weapons are cross-references to required procedures for fire, evacuation and lockdown drills.

Specific aims: This project obtained NJ data on gun violence-related preventive practices and built/physical environment area controls in place or perceived as needed at public schools. This project also examined how the built environment, including the physical layout of school buildings and campuses, affects efforts to prevent or mitigate gun violence. [The final report is to become three separate peer-reviewed journal paper submissions.]

25-26.)

“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 \$).*

27.) “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).

28.) “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.

29.) “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.

30.) “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).

31.) “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.

32.) “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.

33.) “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.

34.) 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.

35.) “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 [*as of late April 2024 including what is known to start in summer 2024*]

1.) New Jersey Department of Health and Senior Services

P.I.: Marcia Sass (co-I: Derek G. Shendell, D.Env, MPH, 10% FTE in two late spring-summer months)
Title of project: "Evaluation of Comprehensive Cancer Control Program (NJ county coalition activities related to reducing exposure to outdoor sunlight and temperatures/heat, 2008-2011)

2.) City of New York/New York City Department of Environmental Protection (NYCDEP)

P.I.: Koshy Koshy, PhD, MS (co-I: Derek G. Shendell, D.Env, MPH at 2.5% FTE annual average)
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 with no-cost extension); summer 2018 to summer 2020

3.) U.S. Department of Labor-Occupational Safety and Health Administration Susan Harwood Training Grant Program

P.I.: Koshy Koshy, PhD, MS (co-I: Derek G. Shendell, D.Env, MPH at 5% FTE annual average)
Title of project: Susan Harwood Training Grant Program (targeted topic area: construction, silica exposures)

Time frame & total budget (direct costs & fringe, exclude 8-10% indirect costs) \$150,000, 10/2018-9/2019

4.) U.S. Department of Labor-Occupational Safety and Health Administration Susan Harwood Training Grant Program

P.I.: Koshy Koshy, PhD, MS (co-I: Derek G. Shendell, D.Env, MPH at 5% FTE annual average)
Title of project: Susan Harwood Training Grant Program (target topic area: construction, cranes [preventing falls and other injuries from use of cranes])

Time frame & total budget (direct costs & fringe, exclude 8-10% indirect costs) \$150,000, 10/2019-9/2020

5a.) U.S. Department of Labor-Occupational Safety and Health Administration, Susan Harwood Training Grant (SHTG) Program

P.I.: Koshy Koshy, PhD, MS (co-I: Derek G. Shendell, D.Env, MPH at 5% FTE annual average)
Title of project: Susan Harwood Training Grant Program (target topic area: biological agents [focus on COVID-19 and other airborne, aerosolized viruses/pathogens])

Time frame & total budget (direct costs & fringe, exclude 8-10% indirect costs) \$150,000, 10/2020-9/2021

5b.) U.S. Department of Labor-Occupational Safety and Health Administration SHTG Program

P.I.: Koshy Koshy, PhD, MS (co-I: Derek G. Shendell, D.Env, MPH at 5% FTE annual average)
Title of project: Susan Harwood Training Grant Program (as a continuation of COVID-19 target topic area: biological agents [focus on COVID-19 and other airborne, aerosolized viruses/pathogens])

Time frame & total budget (direct costs & fringe, exclude 8-10% indirect costs) \$150,000, 10/2021-3/2023

6.) U.S. Department of Labor-Occupational Safety and Health Administration SHTG Program

P.I.: Koshy Koshy, PhD, MS (co-I: Derek G. Shendell, D.Env, MPH at 5% FTE annual average)
Title of project: Susan Harwood Training Grant Program (target topic area: construction falls)

Time frame & total budget (direct costs & fringe, exclude 8-10% indirect costs) \$150,000, 10/2021-9/2022

7.) U.S. Department of Labor-Occupational Safety and Health Administration SHTG Program

P.I.: Koshy Koshy, PhD, MS (co-I: Derek G. Shendell, D.Env, MPH at 5% FTE annual average)
Title of project: Susan Harwood Training Grant Program (target topic area: construction/falls)

Time frame & total budget (direct costs & fringe, exclude 8-10% indirect costs) \$150,000, 10/2022-9/2023

8.) U.S. Department of Labor-Occupational Safety and Health Administration SHTG Program

P.I.: Koshy Koshy, PhD, MS (co-I: Derek G. Shendell, D.Env, MPH at 1% FTE annual average)
Title of project: Susan Harwood Training Grant Program

(target topic area: fire/life safety including potential impacts of wildfires and prescribed burns)

Time frame & total budget (direct costs & fringe, exclude 8-10% indirect costs) \$150,000, 10/2023-9/2024

9.) NJ Department of Education (for late summer 2024-public school year 2024-25 as topical consultants)

P.I.: Edward Cohen, Rutgers Center for Mathematics and Computer Science Education or CMCSE
Title of project: Support NJ K-12 teachers to teach climate change per new NJ Student Learning Standards

C. Pending Grants [submitted late fall 2023-winter 2024, pending as of spring 2024]

1.) U.S. Environmental Protection Agency, Environmental Education (Region II: New Jersey focus)

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

Proposed title of project:

“Environmental Justice aspects of Consumer Products Chemicals: Interdisciplinary Introductory Training Course for Adolescents/Young Adults and High School Teachers”

Proposed time frame and total project budget (direct costs and fringe and federal on-site educational intervention indirect costs) \$133,658; early fall 2024 through late fall 2025-winter 2026 (with report due).

2.) U.S. Environmental Protection Agency, Indoor Environments Division

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

Proposed title of project:

The "Eight (8) Dimensions of Wellness" Applied to Indoor Air & Environmental Quality (IAQ/IEQ) & Health, with Focus on Radon (Rn).

Proposed time frame and total project budget (direct costs and fringe and reduced federal on-site educational intervention indirect costs) \$537,774; early fall 2024 through 6/30/2027 (report due 9/2027).

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, Offenberg 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.
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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.
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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)
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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)
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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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- Community and Residential Pollen, Carbon Dioxide and Particulate Matter Measurements in the Urban Core of an Agricultural Region in Central CA. *Atmospheric Environment*, 50 (4): 103-111. <http://dx.doi.org/10.1016/j.atmosenv.2011.12.056> (in press 12/2011, on-line January 18, 2012)
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 48. **Shendell DG**, Miller Mapou AE, Kelly SK. 2013. Younger Cosmetology Workers and Environmental and Occupational Asthma Triggers at Training Sites and in Salons. *Journal of Asthma and Allergy Educators*, 4 (2): 67-70.
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86. Gonzalez LN, Jones LE, Fakeh Campbell ML, Shah N, Panchella JA, **Shendell DG**. 2019-2020. Incidence reporting via online high school concussion surveillance by certified athletic trainers and school nurses, 2015-2018. *Injury Epidemiology*, 7:1. <https://doi.org/10.1186/s40621-019-0228-5>
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112. **Shendell DG**, Rehman M, Aggarwal J, Nguyen KT, Campbell ML, Gonzalez LN. 2023-2024. Free online cyber security and safety practices course from NJSS. *New Jersey Education Association (NJEA) Review Journal*, 97 (7): 17. [Accepted January 2024, online by February 2-5 in print February 2024 issue.]
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114. Hussain Z, **Shendell DG**. 2023-2024. PCBs in NJ Schools: What We Need to Know. *New Jersey Education Association (NJEA) Review Journal*, 97 (8): 34-35. [Accepted December 2023, online by March 1-4 in print March 2024 issue.]
115. Aggarwal J, Campbell ML, Rehman M, Nguyen KT, **Shendell DG**. 2023-2024. Perspectives and Attitudes of Newer New Jersey High School Teachers towards Cleaning, Sanitizing and Disinfecting Consumer Products Used in School Classrooms. *International Journal of Environmental Research and Public Health*. 2024;21(2), 211. <https://doi.org/10.3390/ijerph21020211> [accepted February 8, 2024; online by February 12 for CDC/NIOSH special issue “Future of Work and Occupational Safety and Health”]
116. Hussain Z, **Shendell DG**. 2024. Outdoor and ambient air quality at NJ schools: Reviewing key sources and common pollutants. *New Jersey Education Association (NJEA) Review Journal*, 97 (10): xx-yy. [Accepted March 2024, online by May 1-3 in print May 2024 issue.]
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119. **Shendell DG**, Aggarwal J, Koshy K. 2023-2024. Informing Future Occupational Safety Training: Learning from Interests Among Students New to Public Health 2015-2023. *Professional Safety Journal* (ASSP), accepted/in press as of 2/7-8/2024 [scheduled for September 2024 print issue].
120. Panzarella J, **Shendell DG**, Koshy K. 2023-2024. Chemical Storage Hazards and NJ’s Right-to-Know Act. *New Jersey Education Association (NJEA) Review Journal*, 97 (1): 40-41. [Accepted August 7-8, 2023, online by September 1-5 in print September 2023 issue.]
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with online supplement at <https://www.njea.org/STEAMTank-survey>. [Accepted July-August 2023, online by October 2 in print October 2023 issue.]

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123. Panzarella J, **Shendell DG**, Koshy K. 2023. Slips, trips, and fall hazards. *New Jersey Education Association (NJEA) Review Journal*, 97 (4): 42-43. [Accepted October 2-3, 2023, online by November 1-2 in print November 2023 issue.]
124. Aggarwal J, Nguyen KT, Campbell ML, Shiau S, **Shendell DG**. 2023. Factors Associated with COVID-19 Vaccine Hesitancy and Case Status among New Jersey Secondary Educational Professionals. *Vaccines* 11 (11):1667. [Accepted in October 2023, online early November 2023] <https://doi.org/10.3390/vaccines11111667>
125. ...

Note: Papers #111-124 were accepted-to-published in SFY2023-2024 to date.

Note: *Most papers above #19-124 involve MPH and PhD students mentored in GA or NJ, and for any paper where I am not 1st author, the first author is either a student or young adult staff member.*

2024 Update/Final Notes:

Other papers submitted to journals on NJ Safe Schools Program funded core evaluation work:

Aggarwal J, Rehman M, Campbell ML, **Shendell DG**. 2023-2024. Perceptions and Concerns of Newer New Jersey Teachers Regarding General Safety and Exposure to Chemicals in Cleaning, Sanitizing and Disinfecting Products at Secondary Schools.

[Submitted December 2023-January 2023 to *New Solutions: A Journal of Environmental and Occupational Health Policy*, now in peer-review again after revised and resubmitted March-April 2024.]

Aggarwal J, Rehman M, Campbell ML, **Shendell DG**. 2023-2024. Newer New Jersey Work-Based Learning Teachers During the COVID-19 Pandemic: School Safety Regarding Ventilation, Trainings, and Awareness of Government Agencies Resources.

[Submitted December 2023-January 2023 to *International Journal of Environmental Health Research*, in peer-review.]

Campbell ML, Aggarwal J, Rehman M, **Shendell DG**. 2023-2024. Assessment of Personal Mental Health and Related School Services Offered to New Jersey Teachers During the COVID-19 Pandemic.

[Submitted December 2023-January 2023 to *Journal of School Health*, in peer-review.]

Rehman M, Aggarwal J, Campbell ML, **Shendell DG**. 2023-2024. Newer New Jersey Teachers Personal Nutrition, Physical Health, and Sleep Hygiene Habits During the COVID-19 Pandemic.

[Submitted December 2023-January 2023 to *Journal of School Health*, in peer-review.]

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

Peer-reviewed, approved federal government reports

1. Hodgson AT, Fisk, WJ, **Shendell DG**, and Apte MG. 2001. Predicted Concentrations in New Relocatable Classrooms of Volatile Organic Compounds Emitted from Standard and Alternate Interior Finish Materials. Final Report for the California Energy Commission (HPCBS Element 6.2.2, PIER Program). Berkeley, CA: E.O. Lawrence Berkeley National Laboratory, July 2001. LBNL-48490.
2. Apte MG, Delp WW, Diamond RC, Hodgson AT, Kumar S, Rainer LI, **Shendell DG**, Sullivan DP, Fisk WJ. 2001. Report on HVAC Option Selections for a Relocatable Classrooms Energy and Indoor Environmental Quality Field Study. Final Report for the California Energy Commission (HPCBS Element 6.2.2, PIER Program). Berkeley, CA: E.O. Lawrence Berkeley National Laboratory, December 2001. LBNL-49026.
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.
6. Hodgson AT, **Shendell DG**, Fisk WJ, Apte MG. 2003. Comparison of Predicted and Derived Measures of Volatile Organic Compounds inside Four Relocatable Classrooms due to Identified Interior Finish Sources. Berkeley, CA: E.O. Lawrence Berkeley National Laboratory, June 2003. LBNL-52520.
7. **Shendell DG**, Prill, RP, Fisk WJ, Apte MG, Blake D, Faulkner D. 2003. Associations between classroom CO₂ concentrations and student attendance. Berkeley, CA: E.O. Lawrence Berkeley National Laboratory, August 2003. LBNL-53586.
8. Mendell MJ, Lei Q, Cozen M, **Shendell DG**, Macher JM, Tsai F. 2003. Association of Airborne Moisture-Indicating Microorganisms with Building-Related Symptoms and Water Damage in 100 U.S. Office Buildings: Analyses of the U.S. EPA BASE Data. Berkeley, CA: E.O. Lawrence Berkeley National Laboratory, October 2003. LBNL-53908.
9. Rainer LI, Hoeschele MA, Apte MG, **Shendell DG**, Fisk WJ. 2003. Energy Savings Estimates and Cost Benefit Calculations for High Performance Relocatable Classrooms. Berkeley, CA: E.O. Lawrence Berkeley National Laboratory, December 2003. LBNL-54230.
10. Apte MG, Fisk WJ, Hodgson AT, Lee SM, **Shendell DG**, DiBartolomeo DD, Hotchi T, Sullivan D, Rainer LI. 2004. Final Report, Element 6 Task 2.2.1 of the High Performance Commercial Building Systems Program: Indoor Environmental Quality Benefits in New Relocatable Classrooms in Northern California. Berkeley, CA: E.O. Lawrence Berkeley National Laboratory. LBNL-53961.

Peer-reviewed Published 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.
4. **Shendell DG**, Aggarwal J. "Child Labor." In *Oxford Bibliographies in Public Health*. Ed. David McQueen. New York: Oxford University Press, forthcoming. (Accepted/in press as of 4/19/2021)

Note: For #3-4 above, 2nd author was MPH student at the time of work, as a research assistant.

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.
19. **Shendell DG**, Gonzalez LN. Assessment of Ventilation and Thermal Comfort Parameters during Early Evening Secondary School Wrestling Matches in an Older School Gym (ABS-0074). Peer-reviewed abstract, executive summary two-page paper, and e-poster presentation conducted at the Biannual Meeting of the International Society of Indoor Air Quality and Climate (*INDOOR AIR 2020*), Seoul, Korea, November 1-5, 2020).
20. Gonzalez LN, **Shendell DG**, Panchella JA. Indoor Air PM10 and Exposure Risks Influenced by Specific Student-Athlete Activities during Early Evening Secondary School Wrestling Matches (ABS-0076). Peer-reviewed abstract, executive summary two-page paper, and e-poster presentation conducted at the Biannual Meeting of the International Society of Indoor Air Quality and Climate (*INDOOR AIR 2020*), Seoul, Korea, November 1-5, 2020.
21. **Shendell DG**, Gonzalez LN, Panchella JA. Indoor PM2.5 of Likely Outdoor Origin from Adjacent Freeway and Parking Lot during Early Evening Secondary School Wrestling Matches (ABS-0077). Peer-reviewed abstract, executive summary two-page paper, and e-poster presentation conducted at the Biannual Meeting of the International Society of Indoor Air Quality and Climate (*INDOOR AIR 2020*), Seoul, Korea, November 1-5, 2020.
22. Uram A, Koshy K, **Shendell DG**. Indoor Air and Environmental Quality in Open-Plan vs. Traditional Office Settings (ABS-0075). Peer-reviewed abstract, executive summary two-page paper, and e-poster presentation conducted at the Biannual Meeting of the International Society of Indoor Air Quality and Climate (*INDOOR AIR 2020*), Seoul, Korea, November 1-5, 2020.
23. **Shendell DG**, Campbell MLF, Aggarwal J, Gonzalez LN, Nguyen K, Kaplun E, Koshy K. Fall 2020 New Jersey Secondary School Reopening during COVID-19 Needs Assessment Survey: Safety and Health Results and Actions Recommended. Peer-reviewed abstract, executive summary two-page paper, and oral presentation conducted at Biannual Healthy Buildings USA (and Asia) Conference of the International Society of Indoor Air Quality and Climate, Honolulu, HI, January 18-20, 2022.
24. **Shendell DG**, Campbell MLF, Aggarwal J, Gonzalez LN, Nguyen K, Koshy K. Indoor Chemical Exposures in Secondary Schools post-COVID-19 Pandemic: A Cohort Study of New Work-Based Learning Teachers. Peer-reviewed abstract, executive summary two-page paper, and oral presentation to be conducted at the Biannual Meeting of the International Society of Indoor Air Quality and Climate (*INDOOR AIR 2022*), Kuopio, Finland, June 12-16, 2022.

Note: Most papers above #6-24 involve MPH and PhD students mentored in NJ, and for any paper where I am not 1st author, the first author is either a MPH or PhD student else a young adult staff member.

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.
11. **Shendell DG**, Colome SD, Winer AM, Sabin LD, Yamamoto N, Guillebaud C. Site Selection Methodology for Randomized Subject Recruitment in Los Angeles County, CA for the Relationship Among Indoor, Outdoor, and Personal Air Concentrations Study of Fine Particles and Air Toxics. Abstract written for and oral platform and poster presentations given at 10th Annual Meeting of the International Society of Exposure Analysis, Monterey, CA, October 24-27, 2000.
12. Turpin BT et al. (**co-author**). Indoor, Outdoor, and Personal Fine Particulate Matter During RIOPA. 10th Annual Meeting of the International Society of Exposure Analysis, Monterey, CA, October 24-27, 2000.

13. Turpin BT et al. (**co-author**). An Investigation of Indoor, Outdoor, and Personal Fine Particulate Matter Concentrations and Composition During the RIOPA Study. Annual meeting of the American Association for Aerosol Research, St. Louis, MO, November 2000.
14. **Shendell DG**, Winer AM, and Colome,SD. Assessment of Organic Compound Exposures, Thermal Comfort Parameters and HVAC Functioning Through Air Exchange Rates in Public School Portable Classrooms in California: Pilot Study, Los Angeles County. *2001 Science to Achieve Results (STAR) Graduate Fellowship Conference. Abstracts*. Washington, D.C.: U.S. EPA (ORD), July 2001. http://es.epa.gov/ncercqa_abstracts/
15. Wilhelm M, Ritz B, **Shendell DG**, Winer AM. Comparing Monitoring Inside and Outside Homes for Carbon Monoxide to Exposure Measures Derived from Ambient Monitoring, Proximity to Roadways, and Traffic Density for Epidemiologic Health Effect Studies. 13th Annual Meeting of the International Society of Environmental Epidemiology, Munich, Germany, September 2001.
16. **Shendell DG**, Apte MG, Fisk WJ, and Hodgson AT. Linking Energy Efficiency and Indoor Environmental Quality to Provide Thermal Comfort and Reduce Children's Exposure to Volatile Organic Compounds: Demonstration Project in New Relocatable Classrooms at Northern California Public Schools. Children's Environmental Health II: A Global Forum for Action, Washington, D.C., September 8-11, 2001.
17. **Shendell DG**, Winer AM, and Colome SD. Pilot Assessment of Volatile Organic Compound Exposures, Thermal Comfort Parameters, and HVAC-Driven Air Exchange Rates in Public School Portable Classrooms Serving California's Elementary School Children: Study Design and Sampling Methodology. Children's Environmental Health II: A Global Forum for Action, Washington, D.C., September 8-11, 2001.
18. **Shendell DG**, Winer AM, and Colome SD. Pilot Assessment of Volatile Organic Compound Exposures, Thermal Comfort Parameters, and HVAC-Driven Air Exchange Rates in Public School Portable Classrooms Serving California's Elementary School Children: Selected Preliminary Results from Los Angeles County. Children's Environmental Health II: A Global Forum for Action, Washington, D.C., September 8-11, 2001.
19. **Shendell DG**, Colome SD, Weisel CP, Spektor D, Morandi MT. Time Spent by Children Ages 8-18 in Different Microenvironments based on 48 hour Time-Activity Diaries: Results for the Los Angeles County, CA site of the 'Relationship Among Indoor, Outdoor, and Personal Air Concentrations' Study. Children's Environmental Health II: A Global Forum for Action, Washington, D.C., September 8-11, 2001.
20. Nauvoma Y et al. (**co-author**). Polycyclic Aromatic Hydrocarbons in Indoor and Outdoor Air: Results from RIOPA. 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.
21. Turpin BT et al. (**co-author**). Urban Indoor and Outdoor Concentrations and Personal Exposure to PM_{2.5}: Mass Concentrations and Implications from the RIOPA Study. 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.
22. **Shendell DG**, Winer AM, Colome SD. Pilot Assessment of Volatile Organic Compound Exposures, Thermal Comfort Parameters, and HVAC-Driven Air Exchange Rates in Public Elementary School Portable Classrooms: Selected Preliminary Results from Los Angeles County, CA. 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.
23. Apte MG, Hodgson AT, **Shendell DG**, Fisk WJ. California Demonstration Energy Efficiency-Indoor Environmental Quality Project: Predicted Relocatable Classroom Indoor Air Quality due to Low-Emitting Interior Materials and Enhanced Ventilation. 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

24. **Shendell DG**, Apte MG, Fisk WJ, Hodgson AT, Rainer LI, Sullivan DP. Linking Energy Efficiency and Indoor Environmental Quality to Provide Thermal Comfort and Reduce Children's Exposure to Volatile Organic Compounds: Demonstration Project in New Relocatable Classrooms at Northern California Public Schools. 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.
25. **Shendell DG**, Apte MG, Corsi R, Jenkins M, Kim J, Smorodinsky S, Torres V, Waldman JM. Studying the Public School Environment and Classroom Indoor Air Quality: Community-based Exposure Assessments Through Public-Private-Government Partnerships, Examples from CA and TX. 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.
26. Jones JM, **Shendell DG**, Turpin BJ, Weker RA, Colome SD, Winer AM, Weisel CP. Analysis of Personal Exposures to PM_{2.5} of Los Angeles County, CA Participants of the RIOPA Study. Annual Meeting of the Society of Environmental Toxicology and Aquatic Chemistry (SETAC), Baltimore, MD, November 2001.
27. Meng, QY et.al (**co-author**). Influence of Outdoor Sources on Indoor and Personal Fine Particle Concentrations: Analyses of RIOPA Data. Annual meeting of the International Society of Exposure Analysis (12th) and International Society of Environmental Epidemiology (14th), Vancouver, B.C., Canada, August 11-15, 2002. Abstract published in *Epidemiology*, 13 (4), S205.
28. **Shendell DG**, Lee S-M, Apte MG, DiBartolomeo DB, Sullivan DP, Liff SM, Fisk WJ, Rainer LI. Assessment of Noise Exposures in New Relocatable Classrooms with Standard and Advanced HVAC Systems. Annual meeting of the International Society of Exposure Analysis (12th) and the International Society of Environmental Epidemiology (14th), Vancouver, B.C., Canada, August 11-15, 2002. Abstract published in *Epidemiology*, 13 (4), S223.
29. **Shendell DG**, Hodgson AT, Lee S-M, Apte MG, Sullivan DP, Hotchi T, Fisk WJ. VOCs in New Relocatable Classrooms: Assessment of School-Day Exposures Comparing Interior Finish Materials and HVAC Systems. Annual meeting of the International Society of Exposure Analysis (12th) and the International Society of Environmental Epidemiology (14th), Vancouver, B.C., Canada, August 11-15, 2002. Abstract published in *Epidemiology*, 13 (4), S143.
30. Weisel, CP, et. al (**co-author**). Influence of Mobile Sources on Ambient and Personal Air: Evaluation Within the RIOPA Study. Annual meeting of the International Society of Exposure Analysis (12th) and the International Society of Environmental Epidemiology (14th), Vancouver, B.C., Canada, August 11-15, 2002. Abstract published in *Epidemiology*, 13 (4), S98.
31. **Shendell DG**, Tsai FC, Macher JM, Burton L. Airborne allergens, bacteria, and fungi in 100 office buildings: Study, sampling and database design and selected results from the BASE study. 5th International Conference on Bioaerosols, Fungi, Bacteria, Mycotoxins and Human Health, Saratoga Springs, NY, September 10-12, 2003, pages 80-81. [oral and poster]
32. **Shendell DG**, Tsai FC, Macher JM, Burton L. Overview and selected results for airborne allergens, bacteria, and fungi in the 100 office building BASE study. 131st Annual Conference of the American Public Health Association, San Francisco, CA, November 15-19, 2003. Abstract available at <http://apha.confex.com/apha/131am/techprogram/> (11/19/03, 12:30-14:00, session 5095.0).
33. **Shendell DG**. Using data and guidelines for risk communication and environmental education in schools: Example from the UCLA Portable Classrooms Study. 131st Annual Conference of the American Public Health Association, San Francisco, CA, November 15-19, 2003. Abstract available at <http://apha.confex.com/apha/131am/techprogram/> (11/19/03, 14:30-16:00, session 5188.0).
34. Mendell MJ, Lei Q, Macher JM, Cozen M, Tsai FC, **Shendell DG**. Moisture-indicating microorganisms, water damage, and symptoms in 100 U.S. Office Buildings. 37th Annual Meeting of the Society for Epidemiologic Research, June 15-18, 2004, Salt Lake City, UT. Abstract published in *American Journal of Epidemiology*, 159 (11): S21 (#083).

35. Mendell MJ, Lei Q, Tsai F, Cozen M, Macher J, **Shendell D**. Association of Airborne Moisture-Indicating Microorganisms with Building-Related Symptoms in 100 U.S. Office Buildings. 16th Annual Meeting of the International Society of Environmental Epidemiology (16th), New York, NY, August 1-4, 2004. Abstract published in *Epidemiology*, 15 (4): S165-66.
36. **Shendell DG**, Barnett C, Boese S. Science-based recommendations to prevent or reduce potential exposures to biological, chemical, and physical agents in schools. 132nd Annual Conference of the American Public Health Association, Washington, D.C., November 6-10, 2004. Abstract available at http://apha.confex.com/apha/132am/techprogram/session_14041.htm (11/9/04, 8:30-10:00 AM, session 4034.0).
37. Estrin DR, Kreutzer R, Thompson M, Taddy S, Matus K, Kelsey-Lamb A, Lorenzen K, **Shendell DG**. Community Action to Fight Asthma: A Multi-level Collaboration for Reducing Environmental Triggers for Children with Asthma. 132nd Annual Conference of the American Public Health Association, Washington, D.C., November 6-10, 2004. Abstract available at http://apha.confex.com/apha/132am/techprogram/paper_88993.htm (11/9/04, 8:30-10:00 AM, session 4030.0).
38. **Shendell DG**. Available Public Health Sciences Information and Data Resources to Reduce Environmental Triggers of Childhood Asthma through for Interventions and Policy Advocacy. Presented as talk at Central California Children's Institute Asthma Leadership Summit, California State University-Fresno, May 5, 2005.
39. **Shendell DG**. Summary of Available Science-Based Interventions and Related Activities of CAFA Grantees: Reducing or Preventing Exposures to Environmental Asthma Triggers Inside Homes. Presented as talk at Association of State and Territorial Health Officials / Environmental Council of States 2005 Asthma Meeting, Oakland, CA, May 10, 2005.
40. **Shendell DG**, Rawling M-M, Foster C, Bohlke A, Moen S, Edwards B, Rico SA, Felix J, Eaton S, Roberts EM, Love MB. 2005. Outdoor Air Quality Flags Program: An Educational Intervention Reduces Exposure to Environmental Asthma Triggers. In Proceedings of: *International Society of Exposure Analysis 15th Annual Meeting*, Tucson, AZ, October 30-November 3, 2005 ("Community Exposure" poster session, 10/31/05, 7:30-9:30 AM).
41. **Shendell DG**. Summary of Available Science-Based Projects and Activities of CAFA Grantees: Reducing or Preventing Exposures to Environmental Asthma Triggers Through Evidence-Based Policy Advocacy and Interventions. Presented as talk at *CHEST 2005 7th Annual Asthma and COPD Coalitions Symposium*, Montreal, Quebec, Canada, November 2, 2005.
42. **Shendell DG**, Rawling M-M, Foster CF. Indoor and Outdoor Interventions to Reduce or Prevent Exposures to Environmental Asthma Triggers. Presented as oral roundtable at *CHEST 2005 7th Annual Asthma and COPD Coalitions Symposium*, Montreal, Quebec, Canada, November 2, 2005.
43. Miller JL, **Shendell DG**, Tsai CY, Roberts EM, Russell DA, Kreger M, Legion V, Love MB. California's Community Action to Fight Asthma Initiative Local Asthma Coalitions Case Study Book Project: Lessons Learned from Coalitions Affecting Policy Change. Presented as talk at the *133rd Annual American Public Health Association Meeting*, Philadelphia, PA, December 10-14, 2005 (12/12/05, 4:30-6:00 PM, session 3355.0). Abstract available at: http://apha.confex.com/apha/133am/techprogram/paper_114964.htm
44. **Shendell DG**, Roberts EM, Miller JL, Flournoy R, Tsai CS, Russell DA, Estrin D, Love MB. Environmental Public Health Sciences Data Resources for Informed Advocacy and Interventions to Prevent or Reduce Exposure to Environmental Triggers of Asthma throughout California: The CAFA Initiative. Presented as talk at the *133rd Annual American Public Health Association Meeting*, Philadelphia, PA, December 10-14, 2005 (12/12/05, 4:30-6:00 PM, session 3362.0). Abstract available at: http://apha.confex.com/apha/133am/techprogram/paper_115021.htm

45. **Shendell DG**, Love MB, Estrin D, Russell DA, Roberts EM, Miller JL, Tsai CY, Legion VL. Technical assistance and communications activities in support of local, regional and state policy advocacy and interventions: The role of the California State Coordinating Office in the CAFA Initiative, 2004-05. Presented as poster at the *133rd Annual American Public Health Association Meeting*, Philadelphia, PA, December 10-14, 2005 (12/13/05, 12:30-2:00 PM, session 4080.0, Board 3). Abstract available at: http://apha.confex.com/apha/133am/techprogram/paper_114858.htm
46. Shendell DG. Identifying, Assessing, Evaluating Alternatives, and Intervening to Reduce Sources of and Exposures to Toxic Chemical Air Contaminants at Schools: Summary of Research in California, 2000–2004. Presented orally at the *70th Annual National Environmental Health Association Annual Education Conference and Exhibition*, San Antonio, TX, June 25-28, 2006.
47. Johnson ML, Toal R, **Shendell DG**. Investigating Potential Risk Factors for Nursing Home Admission Associated with Individuals Enrolled in Georgia’s Community Care Services Program. Presented as poster at the *78th Annual Meeting of the Georgia Public Health Association*, Savannah, GA, September 5-7, 2007.
48. Gregory AC, **Shendell DG** (presenter), Okosun SI, Giesecker KG, LaMotte HC. Multiple Sclerosis Disease Distribution and Potential Impact of Environmental Air Pollutants in Georgia. Presented as poster at the *17th Annual Meeting of the International Society of Exposure Analysis*, Durham, NC, October 14-18, 2007.
49. **Shendell DG**, Johnson ML, Sanders DL, Yang J, Jeffries CD, Weisman JE, Moulding M. Assessing Built (Physical) Environmental Factors Supporting or Impeding Mobility of Elderly, and Potentially Influencing Outdoor Air Pollution Exposures, Around Senior Wellness Centers: A Study in DeKalb County, Georgia. Presented as poster at the *17th Annual Meeting of the International Society of Exposure Analysis*, Durham, NC, October 14-18, 2007.
50. Sobush KA, Hepburn VA, **Shendell DG**, Galic M, Falb MD. Obesity and the Built Environment in 26 Rural Georgia Counties: An Analysis of Physical Activity, Fruit and Vegetable Consumption, and Environmental Factors. *135th Annual American Public Health Association Meeting*, Washington, D.C., November 3-7, 2007 (11/5/07, 2:30-3:30 PM, session 3265.0, Board 8). Abstract available at: http://apha.confex.com/apha/135am/techprogram/paper_152558.htm.
51. Goodfellow LT, Ari A, **Shendell DG**, Benardot DB, Zimmerman RD, Martin DE, Witteveen MZ, O’Dea NK. Lung Changes Before and After the 2007 ING Atlanta Marathon on Volunteer Amateur Endurance Runners and Walkers. Poster presented at the *Annual Meeting of the American Thoracic Society*, Toronto, Ontario, Canada, May 16-21, 2008. Abstract published in the *American Journal of Respiratory Critical Care Medicine*, 77:A422.
52. O’Dea NK, Benardot DB, Witteveen MZ, Goodfellow LT, **Shendell DG**, Martin DE, Ari A, Zimmerman RD, McCarty F. The Relationship of Hydration Strategies and NSAIDs Use on Self-Reported Symptoms of Dehydration and Hyponatremia in Runners Participating in the 2007 ING Georgia Marathon. Poster presented at the *55th Annual Meeting of the American College of Sports Medicine*, May 28-31, 2008, Indianapolis, IN.
53. **Shendell, DG**, Alexander MA, Huang YH, Snyderburn A. Working to Enhance Adult Environmental Public Health Sciences (EPHS) Literacy to Improve Asthma Management at Public Primary Schools. Oral plenary presentation at the 5th Annual Region VII Healthy Sustainable Indoor Environments Conference, October 2-3, 2008, Kansas City, KS.
54. **Shendell DG**, Alexander MA, Jewett A, Sanders DL, Huang Y, Yang J. Enhancing Our Understanding of Why School-Aged Children Are Absent, Tardy or Leaving Early from Public Schools. Oral presentation at the 2008 5th Annual Region VII Healthy and Sustainable Indoor Environments Conference, October 2-3, 2008, Kansas City, KS.
55. **Shendell DG**, Alexander MA, Sanders DL, Jewett A, Yang J, Huang Y. Enhancing Surveillance of Reasons for Attendance, Tardiness and Leaving Early at Primary Schools to Inform Planning of Interventions to Improve Student Health and Productivity: A Pilot Study in DeKalb County, Georgia,

- USA. Poster platform presentation at the Joint Conference of the International Society of Exposure Analysis and the International Society of Environmental Epidemiology, October 12-16, 2008, Pasadena, CA. Abstract (#814) also published in ISEE 2008 Conference Abstracts Supplement. *Epidemiology*, 19(6 Suppl): S10 and S136.
56. **Shendell DG**, Alexander MA, Huang Y, Jewett A, Sanders DL, Huang Y. Can we enhance adult environmental health literacy at primary schools and improve asthma by targeting school nurses? A pilot study in DeKalb County, Georgia. Oral presentation at the American Public Health Association Annual Meeting, October 25-29, 2008, San Diego, CA. Abstract available at <http://apha.confex.com/apha/136am/webprogram/Paper184532.html>
 57. Shendell DG and Ana GREE. PROMOTING ENVIRONMENTAL HEALTH AND EXPOSURE CHARACTERIZATION IN RAPIDLY URBANIZING AREAS OF A LESS DEVELOPED COUNTRY IN AFRICA: COLLABORATIVE SHORT-COURSE TRAINING AND PILOT FIELD RESEARCH IN IBADAN, NIGERIA. Presented orally at the 73rd Annual National Environmental Health Association Annual Education Conference and Exhibition, Atlanta, GA, June 21-24, 2009.
 58. **Shendell DG**. Overview of the New Jersey (NJ) Safe Schools Program. Oral presentation at the NJ Education Association Annual Meeting, November 5-6, 2009, Atlantic City, NJ. <http://www.njea.org>
 59. **Shendell DG**, Jhaveri MJ, Nowakowski XCN, Wozniak ME, Campbell JK. 2009a. Incident Surveillance in New Jersey Career and Technical Education Programs, FY1999-2008: Potential Disparities and the Role of Time of Day. Poster presentation at the American Public Health Association Annual Meeting, November 8-11, 2009, Philadelphia, PA. Abstract available at <http://apha.confex.com/apha/137am/webprogram/Paper203349.html>
 60. **Shendell DG**, Jhaveri MJ, Nowakowski XCN, Wozniak ME, Campbell JK. 2009b. Incident Surveillance in New Jersey Career and Technical Education Programs, FY1999-2008: Attributes, Severity and Reported Use of Personal Protective Equipment. Poster presentation at the American Public Health Association Annual Meeting, November 8-11, 2009, Philadelphia, PA. Abstract available at <http://apha.confex.com/apha/137am/webprogram/Paper203414.html>
 61. Campbell JK, Delacruz MP, Hemminger LH, **Shendell DG**. 2009. School science lab safety trainings on a dime. Oral roundtable presentation at the American Public Health Association Annual Meeting, November 8-11, 2009, Philadelphia, PA. Abstract available at <http://apha.confex.com/apha/137am/webprogram/Paper201494.html>
 62. **Shendell DG**, Campbell JK. 2010. School science lab health and safety trainings on a dime. Oral presentation at The Alliance for New Jersey Environmental Education's 25th Annual Environmental Education Conference January 28-30, 2010, Plainsboro, NJ. <http://www.ANJEE.net>
 63. **Shendell DG**, Yamamoto N, Kelly SW, Therkorn JH, Foster CA, Sexton J, Roden J. Outdoor Community and Residential Pollen Measurements in the Urban Core of an Agricultural Region: CBPR Focused on Low-to-Middle Income, Older Adults with Asthma and/or COPD in Central CA. Poster presentation at the American Public Health Association Annual Meeting, November 6-10, 2010, Denver, CO. Abstract available at <http://apha.confex.com/apha/138am/webprogram/Paper222365.html>
 64. **Shendell DG**, Ana GREE. Promoting Environmental Health and Exposure Characterization in rapidly urbanizing areas of a less developed country in Africa: Collaborative Short-Course Training and Pilot Field Research in Ibadan, Nigeria. Oral presentation at the American Public Health Association Annual Meeting, November 6-10, 2010, Denver, CO. Abstract available at <http://apha.confex.com/apha/138am/webprogram/Paper234067.html>
 65. **Shendell DG**, Lin L, Fan Z, Yamamoto N, Mizan SS, Annor SD, Foster C. 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. Oral presentation at *Indoor Air 2011*, Austin, TX, June 5-10, 2011.

66. Mizan SS, **Shendell DG**, Marshall EG, Kelly SK, Campbell JK. Cut-laceration injuries and related career groups in New Jersey vocational-technical education programs. Oral presentation at U.S. CDC / NIOSH National Occupational Injury Research Symposium, Morgantown, WV, October 18-20, 2011.
67. **Shendell DG**, Mizan SS, Yamamoto N, Peccia J. Associations between quantitative measures of fungi in home floor dust and lung function among older adults with chronic respiratory disease. Oral presentation at the Annual Meeting of the International Society of Exposure Science, October 23-27, 2011, Inner Harbor, Baltimore, MD.
68. Eggert BC, **Shendell DG**, Marcella SW, Marshall EG. 2011. Injuries and Illnesses in Learners with Special Needs in School-Sponsored Career and Technical Education Programs in New Jersey, 2004-2010. Poster platform presentation at the American Public Health Association Annual Meeting, October 30-November 2, 2011, Washington, D.C.
69. Mizan SS, **Shendell DG**, Marshall EG, Kelly SK, Campbell JK. Cut-laceration injuries and related career groups in New Jersey vocational-technical education programs. Poster platform presentation at the American Public Health Association Annual Meeting, October 30-November 2, 2011, Washington, D.C.
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.
74. Ugwuala, N, **Shendell, DG**, Pagell, F. Examination of indoor tanning prevalence, practices and risk perception of ultraviolet radiation (UVR) exposure among sorority and fraternity students. Poster platform presentation at the American Public Health Association Annual Meeting, October 28-October 31, 2012, San Francisco, CA.
75. 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 International Society of Exposure Analysis Annual Meeting, October 30, 2012, Seattle, WA.
76. **Shendell, DG**, Ugwuala, N, Kelly, SW, et al. New Jersey Safe Schools Task Force on Cosmetology 2010-13 and Indoor Tanning Survey Initial Results. Oral presentation at the New Jersey Environmental Health Association Annual Meeting, March 3-5, 2013, Atlantic City, NJ.
77. **Shendell DG**, Mapou AEM, Kelly SW, Lewis AG, Murtha AT, Houlroyd JL, Uguwala N, Therkorn JH. Cosmetology and Young Adults in New Jersey: Chemical Hazards, Occupational Ergonomics and Tanning Prevalence, Practice and Risk Perception of Ultraviolet Radiation (UVR) Exposure. Poster platform presentation at the National Environmental Health Association Annual Educational Conference, Washington, D.C., July 9, 2013.

78. Cole AT, Kelly SW, **Shendell DG**, Gezmu T. New Jersey Public Health Association Annual Conference Evaluations from 2009-2012. Poster presentation within the State Affiliates Meeting at the American Public Health Association Annual Meeting, November 2-6, 2013, Boston, MA. (Abstract #274316)
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)
92. Garcia FA Jr., **Shendell DG**, Madrigano J. "Relationship among environmental quality variables, housing variables and residential needs: A secondary analysis of the Relationship among Indoor, Outdoor, and Personal Air Concentrations database." Poster platform presentation at the International Society of Exposure Science Annual Meeting, October 18-21, 2015, Henderson/Las Vegas, NV.
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 American Public Health Association, San Diego, CA, November 11-14, 2018.
125. **Shendell DG**, Gonzalez L, Fakeh ML. School Emergency Preparedness in NJ Schools for Secondary School Teachers. Peer-reviewed abstract and poster presentation conducted at the Annual Meeting of American School Health Association, Cincinnati, OH, October 3-5, 2018.
126. Zagorski E, Koshy K, **Shendell DG**. Fall Prevention Training: Successes and Challenges in Delivering Training to Urban Public School Mechanical Workers. Peer-reviewed abstract and poster presentation conducted at the Annual Meeting of American Public Health Association, Philadelphia, PA, November 2-6, 2019.
127. Koshy K, Rosen M, Baldoni MFR, **Shendell DG**. Implementing the Construction Confined Space Standard in Region II (New Jersey and New York): Lessons Learned from Developing, Conducting,

- and Assessing Training. Peer-reviewed abstract and poster presentation conducted at the Annual Meeting of the American Public Health Association, Philadelphia, PA, November 2-6, 2019.
128. Gonzalez LN, Fakeh MF, Blitz C, **Shendell DG**. New online course for new and young workers on occupational safety, health, wage and hour laws, and soft skills. Peer-reviewed abstract and poster presentation conducted at the Annual Meeting of American Public Health Association, Philadelphia, PA, November 2-6, 2019.
 129. **Shendell DG**. New Jersey Reported Young Worker and Student-Athlete Concussion Injuries including Time Trends and School Health Implications. Peer-reviewed abstract and oral presentation conducted at the Annual Meeting of American Public Health Association, Philadelphia, PA, November 2-6, 2019.
 130. **Shendell, DG**, Fakeh MF, Gonzalez LN, Rajan S, Shah N, Jones LA, Sansone A. A survey on school emergency preparedness in New Jersey schools for secondary school teachers. Peer-reviewed abstract and poster presentation conducted at the Annual Meeting of the American Public Health Association, Philadelphia, PA, November 2-6, 2019.
 131. **Shendell DG**, Gonzalez LN. Assessment of Ventilation and Thermal Comfort Parameters during Early Evening Secondary School Wrestling Matches in an Older School Gym (ABS-0074). Peer-reviewed abstract, executive summary two-page paper, and e-poster presentation conducted at the Biannual Meeting of the International Society of Indoor Air Quality and Climate (*INDOOR AIR 2020*), Seoul, Korea, November 1-5, 2020 (online virtual format, delayed from July 2020, due to COVID-19).
 132. Gonzalez LN, **Shendell DG**, Panchella JA. Indoor Air PM10 and Exposure Risks Influenced by Specific Student-Athlete Activities during Early Evening Secondary School Wrestling Matches (ABS-0076). Peer-reviewed abstract, executive summary two-page paper, and e-poster presentation conducted at the Biannual Meeting of the International Society of Indoor Air Quality and Climate (*INDOOR AIR 2020*), Seoul, Korea, November 1-5, 2020 (online virtual format, delayed from July 2020, due to COVID-19).
 133. **Shendell DG**, Gonzalez LN, Panchella JA. Indoor PM2.5 of Likely Outdoor Origin from Adjacent Freeway and Parking Lot during Early Evening Secondary School Wrestling Matches (ABS-0077). Peer-reviewed abstract, executive summary two-page paper, and e-poster presentation conducted at the Biannual Meeting of the International Society of Indoor Air Quality and Climate (*INDOOR AIR 2020*), Seoul, Korea, November 1-5, 2020 (online virtual format, delayed from July 2020, due to COVID-19).
 134. Uram A, Koshy K, **Shendell DG**. Indoor Air and Environmental Quality in Open-Plan vs. Traditional Office Settings (ABS-0075). Peer-reviewed abstract, executive summary two-page paper, and e-poster presentation conducted at the Biannual Meeting of the International Society of Indoor Air Quality and Climate (*INDOOR AIR 2020*), Seoul, Korea, November 1-5, 2020 (online virtual format, delayed from July 2020, due to COVID-19).
 135. **Shendell DG**, Campbell MLF, Aggarwal J, Gonzalez LN, Nguyen K, Kaplun E, Koshy K. Fall 2020 New Jersey Secondary School Reopening during COVID-19 Needs Assessment Survey: Safety and Health Results and Actions Recommended. Peer-reviewed abstract, executive summary two-page paper, and oral presentation conducted at Biannual Healthy Buildings USA (and Asia) Conference of the International Society of Indoor Air Quality and Climate, Honolulu, HI, January 18-20, 2022 (held in online virtual format, after delay three times in-person July 2021-January 2022, due to COVID-19).
 136. **Shendell DG**, Campbell MLF, Aggarwal J, Gonzalez LN, Nguyen K, Koshy K. Indoor Chemical Exposures in Secondary Schools post-COVID-19 Pandemic: A Cohort Study of New Work-Based Learning Teachers. Peer-reviewed abstract, executive summary two-page paper, and oral presentation to be conducted at the Biannual Meeting of the International Society of Indoor Air Quality and Climate (*INDOOR AIR 2022*), Kuopio, Finland, June 12-16, 2022.

137. ...

Notes:

Most abstracts + presentations above #47-136--and #137-145 by end of 2022 and #146-156 by end 2023 and #157-161 by spring 2024 for summer 2024 (see updates/notes below) with more TBD for fall 2024--involved MPH and PhD students mentored in GA or NJ.

For any abstract and oral or poster presentation where I am not 1st author, the 1st author is either a student or young adult staff member with the NJ Safe Schools Program.

Fall 2022 Update:

We submitted and had accepted six (of six) abstracts for American School Health Association (ASHA) 2022 (in virtual format, as oral or e-poster) and three (of 13) abstracts for American Public Health Association (APHA) 2022 conference in Boston, MA (as posters); nine accepted total.

Summer-Fall 2023 Update/Note:

We submitted and have accepted three (of three) abstracts for ASHA 2023 (virtual format, e-poster with oral voice over or seminar in 1st half 2023-2024 school year), and one abstract for CDC's Safe States Conference (oral presentation) plus two abstracts for National Environmental Health Association (NEHA) Annual Conference (oral presentations) were accepted for 9/10-13/2023 and 8/1-3/2023, respectively. Also, six abstracts (four by NJSS, two by Dr. Koshy at CPHWD) abstracts for APHA 2023 (Atlanta, GA) conference with three and two (five total) accepted, respectively.

Winter 2024 for spring summer 2024 Update/Note:

We have four abstracts and two-page executive summary papers accepted for INDOOR AIR 2024, 7/7-12/2024. We have one abstract (oral presentation) accepted for NEHA Annual Educational Conference, 7/15-18/2024. We did not submit to ASHA 2024. We submitted two abstracts (pending) for CDC's Safe States Alliance Conference 8/20-22/2024 (oral presentations) plus many abstracts for APHA Annual Conference late October 2024 (oral presentations or posters); these remain in review/TBD.

Final Notes:

Four regional presentations—in fall 2018 + spring 2019—for student-athlete concussion surveillance research not included, though abstracts peer-reviewed for acceptance by the Big10 Academic Alliance. Abstracts original submitted and accepted or wait-listed for APHA 2020 (S.F., CA) and NEHA AEC 2020 (NYC, NY) were withdrawn due to COVID-19 travel bans, but some were presented in online virtual format at these professional organizations 2021 meetings (summer-fall 2021).