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**BIOGRAPHICAL SKETCH**

Provide the following information for the Senior/key personnel and other significant contributors in the order listed on Form Page 2.

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| NAME: <b>Paula Schenck</b>   | POSITION TITLE  |           |                |
|--|---|-----------|----------------|
| eRA COMMONS USER NAME (credential, e.g., agency login) PSCHENCK17  | Director Indoor Environments and Health Programs;<br>Research Associate |           |                |
| EDUCATION/TRAINING ( <i>Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.</i> ) |   |           |                |
| INSTITUTION AND LOCATION   | DEGREE<br>(if applicable)   | MM/Y<br>Y | FIELD OF STUDY |
| Simmons College, Boston, MA  | BS  | 1972      | Biology        |
| University of Miami Institute of Marine Science, FL  |   | 1969      | Marine Science |
| Rensselaer Graduate Center, Hartford, CT   |   | 1988      | Management     |
| University of Connecticut, Farmington, CT  | MPH   | 1998      | Public Health  |

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**A. Personal Statement****B. Positions and Honors**

1971-1975 Research Biologist, Process Research Inc., Cambridge, MA.  
1976-1977 Project Manager and Staff Scientist, Environmental Research and Technology, Inc. Concord, MA  
1977-1982 Marketing Manager, Environmental Research and Technology Inc. Concord, MA and Atlanta, GA.  
1984-1985 Consultant/Director of Business Development, Earth Technology Corporation, Seattle, WA.  
1985-1987 Director of Business Development, TRC Companies Inc., Windsor, CT  
1987-1992 Vice President, TRC Companies Inc., Windsor CT. New Jersey office manager [1989].  
1995 Director of Business Development, NES Inc., Danbury, CT.  
1992-1996 Principal, The Snowden Group, West Hartford, CT.  
1996-1998 Consultant, West Hartford, CT. Research assistance to the Division of Occupational and Environmental Medicine, UConn Health/UHC Farmington, CT.  
1998-2002, 2017-present  
Research Associate, Division of Occupational and Environmental Medicine, UHC  
2002-2017 Assistant Director, Center for Indoor Environments and Health, UHC  
2000-2019 Clinical Instructor, Department of Community Medicine and Health Care, UConn School of Medicine  
2015-2019 Adjunct Faculty, Department of Allied Health Sciences, UConn  
2020-present Consultant- Health and Safety- Connecticut Small Business Development Center  
2020-present Adjunct Instructor, Department of Medicine, University of Connecticut School of Medicine

**Professional Memberships and Honors**

1993 Technical Association of Pulp and Paper Industry Environmental Division Leadership and Service Award, Conference chair 1982, 1983.  
1994 Evaluator for the New England Council's Environmental Excellence Awards  
2000 Member of the Connecticut Academy of Science and Engineering (CASE) ad-hoc committee and co-author of report "Indoor Air Quality in Connecticut Schools".  
2001-2003 Chair of Environment Subcommittee, Member of Connecticut Statewide Asthma Task Force  
2007-2009 Co-Chair of Environment Subcommittee- CT Department Public Health Asthma Plan  
2006-2010 American National Standards Institute Committee on Green Building Initiatives  
2009-present State of CT Asthma Advisory Committee (currently Environmental Committee for Planning)

2002-present Past Chair (Chair/Vice Chair 2008-2012) Director -2002-2008) CT Chapter of the Air and Waste Management Association; 2012-present Education Chair New England Section  
2006-2014 Faculty for Environmental Protection Agency's Annual National Indoor Air Quality Tools for Schools Symposium; School Health and Indoor Environment Leadership Summit 2012, 2013, 2014

### C. Selected Peer-reviewed Publications

#### Journal articles:

Trapé, M.; **Schenck, P.**; Warren, A.; Latex gloves use and symptoms in health care workers one year after implementation of a policy restricting the use of powdered gloves; American Journal of Infection Control 2000; 28:352-8.

Dangman, K. H.; Cole, S.R.; Hodgson, M. J.; Kuhn, C.; Metersky, M. L.; **Schenck, P.**; Storey, E; The HP diagnostic index: Use of non-invasive testing to diagnose hypersensitivity pneumonitis in metalworkers; American Journal of Industrial Medicine 2002; 42:150-162.

Dangman, K. H.; Storey, E; **Schenck, P.**; Hodgson, M. J; Effects of cigarette smoking on diagnostic tests for work-related lung disease: Data from an outbreak of hypersensitivity pneumonitis in metalworkers; Am J Ind Med. 2004 May; 45(5):455-67.

Dangman, K.H.; **Schenck, P.**; Storey E.; Association of occupational asthma in school teachers with water damaged buildings; Am J Resp Crit Care Med 169: A460, 2004.

Trapé, M.; **Schenck, P.**; Reducing percutaneous injuries at an academic health center: A five –year review. American Journal of Infection Control 2004: 32(5):301-5.

**Schenck, P.**; Schur, P.L.; Ahmed, A.K.; Green Buildings, Indoor Air Quality and Health; Proceedings Indoor Air 2011; June 5-11 2011.

**Schenck P.**; Simcox, N.; Salls, A.; Neighborhood Healthy Homes in Hartford CT- A Community participatory approach to healthy homes assessment. Proceedings Indoor Air 2011; June 5-11 2011.

Garza JL.; Cavallari JM.; Wakai S.; **Schenck P.**; Simcox N.; Morse T.; Meyer JD.; Cherniack M.; Traditional and environmentally preferable cleaning product exposure and health symptoms in custodians; Am J Ind Med. 2015 Jun 4.

#### Book Chapter:

**Schenck P.** and DeBernardo R. Effective risk communication concerning environmental change with communities and patients exposed to excessive indoor moisture or mold. 2012 in **Bioaerosols - Fungi, Bacteria, Mycotoxins in Indoor and Outdoor Environments and Human Health** ed. Johanning, Morey, and Auger. Fungal Research Group Foundation, Inc., Albany, New York, N.Y. LCC: 2012953872 - ISBN: 978-0-9709915-0-8

#### Reports:

**Schenck, P.**; Ahmed, A .K.; Bracker, A.; DeBernardo, R.; Climate Change, Indoor Air Quality and Health 2010; US Environmental Protection Agency, [www.epa.gov/iaq/pdfs/uconn\\_climate\\_health.pdf](http://www.epa.gov/iaq/pdfs/uconn_climate_health.pdf).

#### Abstracts and Presentations:

Trapé, M.; **Schenck, P.**; Warren, A., Measuring effectiveness of a powder-free latex examination glove policy after one year- A cross-sectional survey; - 1998. American Association of Occupational Health Professionals.

Trapé, M.; **Schenck, P.**; Warren, A., Survey of latex glove related skin symptoms after implementation of a policy restricting powdered latex", American College of Allergy, Asthma & Immunology 1998 Annual Meeting, November .

Trapé, M.; **Schenck, P.**; Warren, A.; Using the National Surveillance for Hospital Health Care Workers to reduce percutaneous injuries; 4<sup>th</sup> Decennial International Conference on Nosocomial and Healthcare-Associated Infections- March, 2000.

**Schenck, P.**; Turner, W. A.; Storey, E.; Yocom, J.E.; Indoor environmental quality (IEQ) and health: Integrating epidemiology and engineering to better understand the relationship and mitigate the causes of poor IEQ in school buildings; American Association of Public Health/(APHA) October 2001 conference.

**Schenck, P.**; Storey, E.; Rhodes, J.; Seidner, A.; Bracker, A.; A coordinated program of on-going risk communication, adult and children health surveys, interim intervention, and engineering oversight to manage indoor air quality concerns at a school; APHA November 2003 conference.

**Schenck, P.**; Kolb, L.; Navigating patient encounters and environmental reports when indoor exposure to mold may be affecting health; guidance for physicians and public health professionals ; Annual Educational Conference and Exhibition of the National Environmental Health Association (NEHA) June 28, 2005

**Schenck, P.**; Clark, P; Hinds, A; Storey, E.; Building leadership on indoor environment and health: An environmental response to asthma in a poor urban school community; APHA, Dec. 2005 conference

**Schenck, P.**; Kolb, L.; Communicating Health and Indoor Environment Messages in Offices and Schools, Annual Educational Conference and Exhibition NEHA, June 28, 2006

**Schenck, P.**; Asthma and Mold/Moisture in Our Indoor Environments; Annual Educational Conference and Exhibition NEHA, June 28, 2006

**Schenck, P.**; Facing IAQ Challenges with EPA's Tools for Schools program; Annual Educational Conference and Exhibition NEHA, June 20, 2007

**Schenck, P.**; School nurses, partners in addressing asthma: A collaborative program with the University of CT Health Center, CT Departments of Education and Public Health and US Environmental Protection Agency- New England Region ; APHA Annual Meeting November 7, 2007

**Schenck, P.** Balmes, J.; Mann, J; Mayo, J.; Storey, E Asthma symptom survey of middle school students in a mid-sized CT city: A local health district and academic partnership; ; APHA 2008 conference.

**Schenck, P.**, Berney, B; Alexander, D.; Developing a model for evaluating green schools and their impact on health and the environment Invited panelist at APHA October 2008 conference.

Berney, B., Alexander, D., **Schenck, P.**; Evaluating the impact of green schools on the health of teachers and staff; APHA November 2009 conference.

**Schenck, P.** DeBernardo, R.; Conrath, S.; Kolb, L.; Turner, W.A.; Storey, E.; Improving respiratory health outcomes for socio-economic disadvantaged populations through education and outreach to clinicians and public health professionals on environmental contributors to illness; APHA November 2010 conference.

**Schenck, P.** Welsh, L.; An Academic and Labor Union Partnership in a Program to Engage Custodians in Understanding and Utilizing Green Cleaning Methods that Reduce Exposures to Occupational Hazards; National Institute of Environmental Health Science Partnerships for Environmental Public Health 2nd Annual Research to Action Grantee Meeting March 6, 2012.

**Schenck, P.** Welsh, L. Wakai, S. Simcox, N. Morse, T: An Academic and Labor Union Partnership: Worker Cleaning Chemical Exposures Following State Mandated Green Cleaning Program: March 7-8, 2012; National Institute for Environmental Health Sciences Annual Meeting: Partnerships for Environmental Public Health "Strengthening a Dynamic Environmental Public Health Network for Tomorrow"  
[http://www.niehs.nih.gov/news/assets/docs\\_p\\_z/peph\\_poster\\_abstracts.pdf](http://www.niehs.nih.gov/news/assets/docs_p_z/peph_poster_abstracts.pdf)

Wakai, S., Cavallari, J., Simcox, N., Westinghouse, C., **Schenck, P.**, Welsh, L., Cherniack, M.; Evaluation of a green cleaning program and practices training curriculum for custodians; the American Association of Public Health accepted for November 2013 conference.

**Schenck, P.** ,Burcher, J., Wakai, S., Corcoran, C., Kraatz R., Utilizing Partnerships to Mainstream Healthy Homes Activities into Usual Tasks of Municipal Health, Environment and Housing Agencies and Groups; National Healthy Homes Conference in Nashville Tennessee, May 28-30 2014.

**Schenck, P.**; Bureau, P.; Burcher, J.; Croteau, M.; Preventing respiratory disease associated with severe weather response; 2014 New England College of Occupational and Environmental Medicine Conference- Innovations and Challenges in Occupational and Environmental Health December 4, 2014.

**Schenck, P.;** Preventing Mold Exposure in the Flood Environment; National Association of County and City Health Officials/NACCHO Preparedness Summit Learning Session **Tools and Methods from Hurricane Sandy Recovery Research** Atlanta, Georgia April 16, 2015.

**Schenck, P.;** Burcher, J.; Bureau, P.; Croteau, M.; Mullin, C.; Wallace, K.; Hurricanes and mold: The health concerns, reducing personal risk; and rebuilding with resiliency; Office of the Assistant Secretary for Preparedness and Response (ASPR) - United States Department of Health and Human Services, Hurricane Sandy Conference: Translating Research into Practice; New York City August 10-11, 2015.

**Schenck, P.;** Mold: Why has it become more of a concern? What does exposure mean to health? What is the role of environmental change in patient management?; New England College of Occupational and Environmental Medicine/NECOEM and Massachusetts Association of Occupational Health Nurses/MaAOHN 2015 Annual Conference –Tips, Tools & Pearls for the Occupational and Environmental Health Professional December 4, 2015.

**Schenck, P.** Resolving an IAQ Complaint: Health Issues; The Maine Indoor Air Quality Council Northeast Indoor Air Quality & Energy Conference April 11, 2016.

**Schenck, P.** Mold: Why has it become more of a concern? What does exposure mean to health? What have we learned about added risks, as communities recover from catastrophic weather? The Connecticut Agricultural Experiment Station Seminar Series May 25, 2016.

**Schenck, P.** Review of *Impact of Climate Change on Human Health in the United States: A Scientific Assessment*; The Maine Indoor Air Quality Council Northeast Indoor Air Quality & Energy Conference May 3, 2017.

**Schenck, P.** Guidance for Clinicians and Public Health Professionals on Mold and Moisture Exposure Indoors; Webinar hosted by the U.S. Environmental Protection Agency (EPA), Indoor Environments Division October 26, 2017.

**Schenck, P.** Workshop on Indoor Air Quality - What can I do to improve my work environment when I have building-related illness? 2019 ConnectiCOSH Convention Meriden, CT October 25, 2019.

**Schenck, P.** The public health opportunity when planning initiatives to rebuild coastal structures; American Meteorological Society 100th Annual Meeting Boston, MA January 15, 2020.

McDonald, A.; **Schenck, P.;** Storey, E.; Moore, G.; Respiratory morbidity in occupants of a damp building of a school – a retrospective case series; Poster presented at the Annual American Occupational Health Conference May 2021.

#### Patents:

Soil Treatment Method: Patent #434332

Production of Algal Biopolymer: Patent #431527