

HANNAH M. C. SCHREIER

THE PENNSYLVANIA STATE UNIVERSITY ♦ DEPARTMENT OF BIOBEHAVIORAL HEALTH
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EDUCATION

- 2008 – 2012 **University of British Columbia** (Vancouver, British Columbia)
Doctor of Philosophy in Psychology
- 2006 – 2008 **University of British Columbia** (Vancouver, British Columbia)
Master of Arts in Psychology
- 2003 – 2006 **McGill University** (Montréal, Québec)
Bachelor of Arts; First Class Honours

PROFESSIONAL EXPERIENCE

- 2015 – present **The Pennsylvania State University** (University Park, Pennsylvania)
Assistant Professor, Department of Biobehavioral Health
- 2012 – 2015 **Icahn School of Medicine at Mount Sinai** (New York, New York)
Postdoctoral Fellow, Department of Pediatrics

SELECT AWARDS

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|------------|--------------------------------------|---|
| 2014 | Researcher of the Year 2013-2014 | Centre of Excellence for Early Childhood Development |
| 2013 | Young Investigator Colloquium Award | American Psychosomatic Society |
| 2009-2012 | Vanier Canada Graduate Scholarship | Social Sciences and Humanities Research Council (SSHRC) |
| 2009-2012* | Killam Doctoral Scholarship | University of British Columbia |
| 2009-2012* | Four Year Fellowship | University of British Columbia |
| 2008 | Young Scholar Award | American Psychosomatic Society |
| 2007-2009 | Pacific Century Graduate Scholarship | University of British Columbia |
| 2007 | University Graduate Fellowship | University of British Columbia |
| 2007 | Grace Fellowship | University of British Columbia |
| 2006 | Graduate Entrance Scholarship | University of British Columbia |
| 2006* | Mr. & Mrs. Harry Colle Award | McGill University |
| 2006* | Dow-Hickson Scholarship | McGill University |
| 2006* | James McGill Award | McGill University |
| 2005 | Dow-Hickson Scholarship | McGill University |
| 2005 | Bertha Lapitsky Award | McGill University |
| 2004-2005 | James McGill Award | McGill University |
- * in name only

UNIVERSITY SERVICE

- 2017-present Undergraduate Program Committee Member
Department of Biobehavioral Health, The Pennsylvania State University
- 2016-present Reviewer; Schreyer Honors College applicants
Schreyer Honors College, The Pennsylvania State University
- 2016-2017 Search Committee Member: Biobehavioral Health – Methods Position
Department of Biobehavioral Health, The Pennsylvania State University
- 2015-2017 Diversity and Sustainability Committee Member
Department of Biobehavioral Health, The Pennsylvania State University
- 2012-2015 Postdoctoral Executive Committee
Icahn School of Medicine at Mount Sinai; member at large
- 2009-2010 Graduate Student Council
Department of Psychology, University of British Columbia; co-president
- 2008-2012 Graduate Student Council
Department of Psychology, University of British Columbia; member at large

PROFESSIONAL SERVICE

- 2016 Ad-hoc conference abstract reviewer
American Psychosomatic Society
- 2016 Ad-hoc grant reviewer
The Social Science Research Institute, The Pennsylvania State University
- 2016 Ad-hoc grant reviewer
NY and NJ Occupational Safety & Health Center, Research Training Program
- 2007-present Ad-hoc reviewer
American Journal of Preventive Medicine; Annals of Behavioral Medicine;
Australian and New Zealand Journal of Psychiatry; Biological Psychology; BMC
Psychiatry; Child Development; Child Maltreatment; Developmental
Psychobiology; Health Psychology; JAMA Pediatrics; Journal of Adolescent
Health; Journal of Allergy and Clinical Immunology; Journal of Behavioral
Medicine Journal of Epidemiology and Community Health; Journal of Exposure
Science and Environmental Epidemiology; Journal of Health and Social Behavior;
Journal of Pediatrics; Journal of Pediatric Psychology; Journal of Psychosomatic
Research; New Directions in Youth Development; Obesity Facts; Paediatric and
Perinatal Epidemiology; Pediatrics; PloSOne; Psychoneuroendocrinology;
Psychosomatic Medicine; Social Psychological and Personality Science; Social
Science and Medicine; Thorax

MEMBERSHIP

American Psychosomatic Society
Society for Research on Adolescence

GRANTS AWARDED

Co-Investigator, Eunice Kennedy Shriver National Institute of Child Health and Human
Development, “Translational Center for Child Maltreatment Studies (TCCMS),” 2017-2022
(P50).

Principal Investigator, The Social Science Research Institute at The Pennsylvania State University, “Perinatal Coparenting Intervention and Cardiovascular Disease Risk,” 2016-2018 (internal seed grant).

Co-Investigator, The Social Science Research Institute at The Pennsylvania State University, “Prevention of Commercial Sexual Exploitation (“Trafficking”) of Children in a Child Welfare Population,” 2016-2017 (internal seed grant).

GRANTS PENDING

Principal Investigator, National Heart, Lung, and Blood Institute, “Early Psychosocial Intervention and Child and Parent Cardiovascular Disease Risk,” 2017-2022 (R01).

PUBLICATIONS

* trainee author

- Jones*, E. J., Lam, P.H., Hoffer, L.C., Chen, E., & **Schreier, H.M.C.** (*under review*). Chronic stress and adolescent health: the moderating role of emotion regulation.
- Panlilio, C., Miyamoto, S., Font, S., & **Schreier, H.M.C.** (*under review*). Assessing risk of commercial sexual exploitation among children involved in the child welfare system.
- Schreier, H. M. C.** & Chen, E. (2017). Low-grade inflammation and ambulatory cortisol in adolescents: Interaction between interviewer-rated versus self-rated acute stress and chronic stress. *Psychosomatic Medicine*, 79(2), 133-142.
- Schreier, H. M. C.**, Hoffer, L. C. & Chen, E. (2016). Social role conflict predicts stimulated cytokine production among men, not women. *Brain, Behavior, & Immunity*.
- Schreier, H. M. C.**, Chen, E., & Miller G. E. (2016). Child maltreatment and pediatric asthma: A review of the literature. *Asthma Research and Practice*, 2(7).
- Schreier, H. M. C.**, Bosquet Enlow, M., Ritz, T., Coull, B. A., Wright, R. O., & Wright, R. J. (2016). Lifetime exposure to traumatic and other stressful life events and hair cortisol in a multi-racial sample of pregnant women. *Stress*, 19(1), 45-52.
- Schreier, H. M. C.**, Bosquet Enlow, M., Ritz, T., Gennings, C., & Wright, R. J. (2015). Childhood abuse is associated with increased hair cortisol levels among urban pregnant women. *Journal of Epidemiology and Community Health*, 69(12), 1169-1174.
- Schreier, H. M. C.**, Hsu, H.-H., Amarasiriwardena, C., Coull, B. A., Schnaas, L., Tellez-Rojo, M. M., Tamayo y Ortiz, M., Wright, R. J., & Wright, R. O. (2015). Mercury and psychosocial stress exposure interact to predict maternal ambulatory cortisol during pregnancy. *Environmental Health*, 14(28).
- Bosquet Enlow, M., King, L., **Schreier, H. M. C.**, Howard, J. M., Rosenfield, D., Ritz, T., & Wright, R. J. (2014). Maternal sensitivity and infant autonomic and endocrine stress response. *Early Human Development*, 90(7), 377-385.
- Schreier, H. M. C.**, Roy, L. B., Frimer, L., & Chen, E. (2014). Family chaos and adolescent inflammatory profiles: the moderating role of socioeconomic status. *Psychosomatic Medicine*, 76(6), 460-467.
- Schreier, H. M. C.** & Wright, R. J. (2013). Stress and food allergy: mechanistic considerations. *Annals of Allergy, Asthma, & Immunology*, 112(4), 296-301.
- Schreier, H. M. C.** & Chen, E. (2013). Socioeconomic status and the health of youth: A multi-level, multi-domain approach to conceptualizing pathways. *Psychological Bulletin*, 139(3), 606-654.
- Schreier, H. M. C.**, Schonert-Reichl, K. A., & Chen, E. (2013). Effect of volunteering on cardiovascular risk in adolescents. *JAMA Pediatrics*, 167(4), 327-332.
- Wright, R. J. & **Schreier, H. M. C.** (2013). Seeking an integrated approach to assessing stress mechanisms related to asthma: is the allostatic load framework useful? *American Journal of Respiratory and Critical Care Medicine*, 187, 115-116.

- Chen, E., **Schreier, H. M. C.**, & Chan, M. (2012). Dissecting pathways for socioeconomic gradients in children's health. In "The Biological Consequences of Social Inequality", B. Evans, T. Seeman, B. Wolfe (Eds.) New York, NY: Russell Sage Foundation.
- Chen, E., Strunk, R. C., Threthewey, A., **Schreier, H. M. C.**, Maharaj, N., & Miller, G. E. (2011). Resilience in low socioeconomic status children with asthma: adaptations to stress. *Journal of Asthma and Clinical Immunology*, 128(5), 970-976.
- Schreier, H. M. C.**, Miller, G. E., & Chen, E. (2011). Clinical potentials for measuring stress in youth with asthma. *Immunology and Allergy Clinics of North America*, 31(1), 41-54.
- Schreier, H. M. C.** & Chen, E. (2010). Socioeconomic status in one's childhood predicts offspring cardiovascular risk. *Brain, Behavior, & Immunity*, 24, 1324-1331.
- Schreier, H. M. C.** & Chen, E. (2010). Health disparities in adolescence. In "Handbook of Behavioral Medicine: Methods and applications." (1st edition, pp. 571-584), A. Steptoe (Ed.) New York, NY: Springer.
- Schreier, H. M. C.** & Chen, E. (2010). Longitudinal relationships between family routines and biological profiles among youth with asthma. *Health Psychology*, 29(1), 82-90.
- Chen, E. & **Schreier, H. M. C.** (2009). Socioeconomic status and asthma in children. In "Allergy Frontiers: Epigenetics to Future Perspectives, Vol. 1: Evolution of Allergy, Epigenetics and Phenotypes, Allergens and Risk Factors." (1st edition, pp. 427-440), R. Pawankar, S. Holgate & L. Rosenwasser (Eds.). Tokyo, Japan: Springer.
- Chen, E., **Schreier, H. M. C.** (2008). Does the social environment contribute to asthma? *Immunology and Allergy Clinics of North America*, 28, 649-664.
- Chen, E., **Schreier, H. M. C.**, Strunk, R. C., & Brauer, M. (2008). Chronic traffic-related air pollution and stress interact to predict biologic and clinical outcomes in asthma. *Environmental Health Perspectives*, 116(7), 970-975.
- Schreier, H. M. C.** & Chen, E. (2008). Prospective associations between coping and health among youth with asthma and healthy youth. *Journal for Consulting and Clinical Psychology*, 76(5), 790-798.

PRESENTATIONS

- Schreier, H. M. C.** (2017). Socioeconomic health disparities in children and adolescents. Invited talk presented at the 2017 Academy of Behavioral Medicine Research Annual Meeting, Santa Fe, NM.
- Schreier, H. M. C.**, Smyth, J., Johnson, J. A., Sliwinski, M. (2017). Persistently high life event severity ratings are associated with physical and psychological well-being across the lifespan. Poster presented at the 75th American Psychosomatic Society Convention, Seville, Spain.
- Schreier, H. M. C.**, Leigh, A. K. K., Hayen, R. & Chen, E. (2016). Conflicting social roles are associated with greater stimulated proinflammatory cytokine production among men, not women. Paper presented at the 74th American Psychosomatic Society Convention, Denver, CO.
- Schreier, H. M. C.** (2015). Physiological consequences of trauma: effects during pregnancy and possibilities for social interventions. The 4th Annual Conference on Child Protection and Well-Being: New Frontiers in the Biology of Stress, Maltreatment, and Trauma. University Park, PA.
- Schreier, H. M. C.**, Bosquet Enlow, M., Ritz, T., Gennings, C. & Wright, R. J. (2015). Childhood abuse is associated with increased hair cortisol levels among urban pregnant women. Paper presented at the 73rd American Psychosomatic Society Convention, Savannah, GA.
- Schreier, H. M. C.**, Bosquet Enlow, M., Ritz, T., Wright, R. O. & Wright, R. J. (2014). Lifetime exposure to potentially traumatic events and hair cortisol in a multi-ethnic sample of pregnant women. Poster presented at the Mount Sinai Child Health Research Day, New York, NY.
- Schreier, H. M. C.**, Wright, R. J., Schnaas, L., Tellez-Rojo, M. & Wright, R. O. (2014). Life stress and mercury exposure interact to alter maternal cortisol production during pregnancy. Poster presented at the 72nd American Psychosomatic Society Convention, San Francisco, CA.

- Chiu, Y.-H., Coull, B., Brunst, K. J., **Schreier, H. M. C.**, & Wright, R. J. (2013). Maternal pre-pregnancy body mass index and wheezing at age 2 years in urban children: effect modification by gender, race and maternal atopy. Poster presented at the Mount Sinai Center for Health Equity and Community Engaged Research Conference, New York, NY.
- Schreier, H. M. C.**, Schonert-Reichl, K. A., & Chen, E. (2013). Random assignment to volunteering improves cardiovascular risk markers among healthy adolescents. Poster presented at the 71st American Psychosomatic Society Convention, Miami, FL.
- Schreier, H. M. C.**, Schonert-Reichl, K. A., & Chen, E. (2012). A volunteering intervention improves cardiovascular risk markers among healthy adolescents. Poster presented at the Connaught Global Challenge International Symposium on Investing in Mothers and Children: Developmental Trajectories, Health, Learning and Society, Toronto, ON.
- Schreier, H. M. C.** & Chen, E. (2011). Effects of socioeconomic status through multiple levels of influence on lung functioning among youth. Poster presented at the third conference of the National Poverty Center on the Long Run Impacts of Early Life Events, Ann Arbor, MI.
- Schreier, H. M. C.**, Maharaj, N., Lee, W., & Chen, E. (2011). Factors in the social and physical environment interact to influence youth asthma. Poster presented at the 69th American Psychosomatic Society Convention, San Antonio, TX.
- Schreier, H. M. C.**, Chen, E. (2010). Parents' socioeconomic status from their childhood is associated with blood pressure in their youth. Poster presented at the 68th American Psychosomatic Society Convention, Portland, OR.
- Schreier, H. M. C.**, Chen, E. (2009). Family and neighborhood socioeconomic status have differential impacts on family health. Poster presented at the 67th American Psychosomatic Society Convention, Chicago, IL.
- Schreier, H. M. C.**, Munch, J. A. & Chen, E. (2008). Longitudinal relationships between family routines and biological profiles in youth with asthma. Paper presented at the American Psychosomatic Society, Baltimore, MD.
- Schreier, H. M. C.**, Hanson, M.D., Chen, E. (2007). Coping and pulmonary functioning in asthmatic and healthy youth. Poster presented at the 87th Western Psychological Association Convention, Vancouver, BC.
- Shultz, S. M., **Schreier, H. M. C.**, & Vouloumanos, A. (2006). What makes speech special?: Listening preferences in early infancy. Poster presented at the 18th American Psychological Society Annual Convention, New York, NY.
- Schreier, H. M. C.**, Miquelon, P., Knäuper, B., & Lewin, W. (2006). Development of a scale to measure compensatory behaviours in type 2 diabetes patients. Poster presented at the Annual Student Research Day of the Psychology Faculty, McGill University, Montréal, QC.