

CURRICULUM VITAE

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Citizenship: U.S.A.

ACADEMIC POSITIONS:

- 2018- P Distinguished Professor, State University of New York, Albany, New York
- 1994-2018 Professor, Department of Anthropology, Professor, Department of Epidemiology and Biostatistics, University at Albany, State University of New York, Albany, New York.
- 2004-2018 Director, Center for the Elimination of Minority Health Disparities  
University at Albany, State University of New York, Albany, New York.
- 1987-P Clinical Associate Professor, Department of Pediatrics,  
Albany Medical College, Albany, New York
- 2018/6 Visiting Scientist, University of Padova, Padova, Italy
- 2012/10 Visiting Professor, University of Wrocław, Wrocław, Poland
- 2002-08 Associate Dean (Research) College of Arts and Sciences,  
University at Albany, State University of New York, Albany, New York.
- 7/2004- Interim & Founding Director, Northeast Regional Forensic Institute  
1/2005 University at Albany, State University of New York, Albany, New York.
- 1986-94 Associate Professor, Department of Anthropology,  
Associate Professor Department of Epidemiology and Biostatistics,  
University at Albany, State University of New York, Albany, New York.
- 1992-93 Academic Associate Dean, College of Social and Behavioral Sciences,  
University at Albany, State University of New York, Albany, New York.
- 1991-92 Interim Academic Associate Dean, College of Social and Behavioral Sciences,  
University at Albany, State University of New York, Albany, New York.
- 1987 Interim Chair, Department of Anthropology, University at Albany,  
University at Albany, State University of New York, Albany, New York.
- 1980-86 Assistant Professor, Department of Anthropology, University at Albany,  
University at Albany, State University of New York, Albany, New York.
- 1979-80 Lecturer, Department of Anthropology,  
University at Albany, State University of New York, Albany, New York

EDUCATION:

Ph.D. Anthropology (Biological), Department of Anthropology, University of Pennsylvania.

Thesis: Environmental Noise and the Prenatal and Postnatal Growth of Children.

M.A. Anthropology, Department of Anthropology, Temple University.

Thesis: Growth and Development of Native American Children.

B.A. Anthropology/Sociology, Oberlin College, Oberlin, Ohio.

CURRENT RESEARCH:

Effects of multi-chemical exposure on growth, development, and reproductive functioning among the Akwesasne Mohawk population.

Croatian Island Birth Study (CRIBS): An investigation into the effects of changing Mediterranean diet and lifestyle among Dalmatian island populations on birth outcomes and early development (with S. Missoni, N. Camerin, E. Demerath,

Lead body burden during pregnancy and infant growth and development.

The relationship of features of urban environments to child growth and health.

GRANTS

“The Endowment for Community-Based Health Disparities Research and Training.” Co-Principal Investigator. H. Rodriguez, Co-PI and Contact PI. National Center on Minority Health and Health Disparities (NIH); Grant # S21MD010692-01. 4/1/2016-3/31/2020, Total award \$10,000,000.

“A Childhood Obesity Prevention Program Designed by Families for Families.” Co-investigator; Co-Principal Investigators: Kirsten Davison & Janine Jurkowski; National Center on Minority Health and Health Disparities (NIH); Project Period 10/2009-9/2011, Total award \$1,100,000.

“Exploratory Center on Minority Health and Health Disparities in Smaller Cities.” Principal Investigator, National Center on Minority Health and Health Disparities (NIH), Grant # P20MD003373-10. Project Period 5/4/2009-8/31/2016, Total award: \$6,819,703.

“EXPORT Center for Health Disparities in Smaller Cities.” Principal Investigator, National Center on Minority Health and Health Disparities (NIH), Grant # R24 MD001120-01. Project Period 9/30/2004-7/31/2007. Total award: \$1,240,249.

“Mohawk culture, behavior, toxicant exposure and health.” Principal Investigator, National Institute of Environmental Health Sciences, Grant # R01 ES10904. Project Period 9/30/00 - 7/31/05. Total award: \$2,720,442.

Conference grant for “Urbanism, Health and Human Biology.” April 10-11, 1997, Cambridge, England. Organizer/Recipient, from Wenner Gren Foundation for Anthropological Research of \$6,000.

"PCB's and the well-being of Mohawk children and youth: growth, development and cognitive/behavioral functioning." Principal Investigator, Project Period 4/1/95 - 3/31/00. Direct costs: \$538,711. (A project component in: "Multidisciplinary Study of PCBs at Akwesasne." David Carpenter, Principal Investigator;

Superfund Hazardous Substance Basic Research Program, National Institute of Environmental Health Sciences, Grant # ES04913.

"Blood lead in pregnancy/infancy and infant development". Principal Investigator, Supported by the National Institute of Environmental Health Sciences, Grant # ES05280. Project Period 5/1/92 - 4/30/98. Direct costs only: \$1,463,056.

Conference support for "Urban Health and Ecology in the Third World." organized by L.M. Schell, E. Watts, M. Smith and A. Bilsborough. Held in Durham, England, September 25-27, 1990. Obtained an anonymous donation of \$8,000 to the University at Albany Fund.

"Environmental Noise Exposure and Physical Growth of Children." Research Specialist, Supported by the National Institute of Child Health and Development, Grant # HD11542. Principal Investigator: F.E. Johnston. Project Period 12/1/77- 11/30/79, Direct costs-\$38,980.

### HONORS, FELLOWSHIPS:

Honorary Scientific Advisor, Institute for Anthropological Research, Zagreb, Croatia. 2013.  
State University of New York Chancellor's Award for Excellence in Scholarship and Creative Activities, 2010-11.

Fulbright Senior Research Scholar, Dipartimento di Biologia Evoluzionistica "Leo Pardi" of the Università degli Studi di Firenze, Italy, Spring 2011.

Elected Fellow of the American Association for the Advancement of Science, 2008.

President's Award for Excellence in Research, University at Albany, 2008.

Travel Award: NATO Advanced Study Institute Workshop, Brussels, Belgium. 1982.

Travel Fellowship: NATO Advanced Study Institute, Urbino, Italy. 1979.

Aleš Hrdlička Prize: Awarded by the American Association of Physical Anthropologists for the paper, "Environmental noise and other factors in prenatal growth" presented at the annual meetings of the American Association of Physical Anthropologists, San Francisco, California, 1979.

### PUBLICATIONS

#### Edited Volumes

*Urbanism, Health and Human Biology in Industrialised Nations.* L. Schell and S. Ulijaszek (eds), Cambridge: Cambridge University Press. 1999.

*Urban Ecology and Health in the Third World.* L.M. Schell, M. Smith and A. Bilsborough (eds), Cambridge: Cambridge University Press. 1992.

#### Edited Conference Proceedings and Journals

*Is adaptation healthy? Interpreting growth patterns in adverse environments.* A special issue of the American Journal of Human Biology. Vol. 19, No.5, Edited by Stephen Bailey and Lawrence Schell. 2007.

*Human Growth in Sickness and Health.* I. Nicoletti, L. M. Schell and G. Gilli (eds) 2006. Florence, Italy: Nicomp.

*Human Growth from Birth to Maturity.* G. Gilli, L. Schell and L. Benso (eds), London; Smith-Gordon, 2002.

Articles and Chapters:

Accepted or, In press

Holdsworth EA and **Schell LM**. Stunting. In, *The International Encyclopedia of Biological Anthropology*. Edited by Wenda Trevathan. Wiley Blackwell.

**Schell LM**. Influences of urban environments. In, *The International Encyclopedia of Biological Anthropology*. Edited by Wenda Trevathan. Wiley Blackwell.

**Schell, LM**. Environmental Toxicology. *Encyclopedia of Anthropology. The International Encyclopedia of Anthropology*, ed. Hilary Callan.

Published:

Ravenscroft R., **Schell LM**, Akwesasne Task Force on the Environment. 2018. Patterns of PCB exposure among Akwesasne adolescents: the role of dietary and inhalation pathways. *Environment International*. 121(Pt 1):963-972. doi: 10.1016/j.envint.2018.05.005.

**Schell LM**. 2018. Towards the demise of the urban-rural contrast: a research design inadequate to understand urban influences on human biology. *Annals of Human Biology* 45:107-109. doi.org/10.1080/03014460.2018.1450445

Gallo MV, Ravenscroft J, Carpenter DO, **Schell LM** and the Akwesasne Task Force on the Environment. 2018. Persistent organic pollutants as predictors of increased FSH:LH ratio in naturally cycling, reproductive age women. *Environmental Research* 164: 556-564. doi.org/10.1016/j.envres.2018.03.021

Behforooz B, Newman J, Gallo MV, Akwesasne Task Force on the Environment, **Schell LM**. 2017. PCBs and Measures of Attention and Impulsivity on a Continuous Performance Task of Young Adults. *Neurotoxicology and Teratology* 42:25-34. doi: 10.1016/j.ntt.2014.01.005.

Holdsworth EA and **Schell LM**. 2017. Maternal-infant interaction as an influence on infant adiposity. *American Journal of Human Biology*; e23023. DOI: 10.1002/ajhb.23023.

Newman J, Gallo MV, Akwesasne Task Force on the Environment, **Schell LM**. 2016. Cognitive Functioning of Akwesasne Mohawk Adolescents Exposed to PCBs. *Journal of Indigenous Research*, 5(1), article ttp://digitalcommons.usu.edu/cgi/viewcontent.cgi?article=1069&context=kicjir).

Gallo MV, Ravenscroft J, Carpenter DO, Frye C, Akwesasne Task Force On The Environment, Cook B, **Schell LM**. 2016. Endocrine disrupting chemicals and ovulation: Is there a relationship? *Environ Res*. 2016 151:410-418. doi: 10.1016/j.envres.2016.08.007.

**Schell LM**, Gallo MV and Horton HD. 2016. Power and pollutant exposure in the context of American Indian Health and Survival. *Annals of Human Biology* 43(2): 107-114. doi:10.3109/03014460.2016.1146333

Lynn, CC, Paris, JJ, Frye CA and **Schell LM**. 2015. Religious-Commitment Signaling and Impression Management amongst Pentecostals: Relationships to Salivary Cortisol and Alpha-Amylase. *Journal of Cognition and Culture*. 15(3-4):299-319, doi: 10.1163/15685373-12342152.

Gallo, MV, Deane, GD., DeCaprio, AP., Akwesasne Task Force on the Environment, **Schell LM**. 2015. Changes in persistent organic pollutant levels from adolescence to young adulthood.

Environmental Research 140:214-24. doi: 10.1016/j.envres.2015.03.009.

Ravenscroft J, **Schell LM**. Tewentahawih'tha' Cole. 2015. Applying the community partnership approach to human biology research. *American Journal of Human Biology* 27(1):6-15. doi: 10.1002/ajhb.22652. Epub 2014 Nov 7. PMID: 25380288

**Schell LM**. 2014. Culture, urbanism and changing human biology. *Global Bioethics* 25 (2): 147-154. doi: 10.1080/11287462.2014.897070

Ravenscroft J, **Schell LM**, Akwesasne Task Force on the Environment. 2014. Dietary patterns of Akwesasne Mohawk adolescents. *Annals of Human Biology* Sep; 41(5):403-14. doi: 10.3109/03014460.2013.857722. Epub 2013 Dec 3. PMID:24295080/

**Schell LM**, The perils of modern environments and how do we judge if environments are good or bad? In, *Modern Environments and Human Health: Revisiting the Second Epidemiologic Transition*, Edited by M. K. Zuckerman. 2014. Pp. 267-278. Hoboken, NJ: Wiley- Blackwell.

**Schell LM**, Gallo MV, Deane G., Nelder N, Jacobs A. and the Akewasasne Task Force on the Environment. 2014. Relationship of polychlorinated biphenyls, dichlorodiphenyldichloroethylene (*p,p'*-DDE) with testosterone levels in adolescent males. *Environmental Health Perspectives* 122(3): 304-309. DOI:10.1289/ehp.1205984.

Newman J, Behforooz B, Khuzwayo AG, Gallo MV, **Schell LM**, Akwesasne Task Force on the Environment. 2014. PCBs and ADHD in Mohawk adolescents. *Neurotoxicology and Teratology* 42:25-34. doi: 10.1016/j.ntt.2014.01.005.

**Schell LM**, Gallo MV, and Burnitz KK. Growth and development. In, *Effects of Persistent and Bioactive Organic Pollutants on Human Health*. Edited by D. O. Carpenter. 2013. Pp.532-556. Hoboken, NJ:Wiley-Blackwell.

**Schell LM**. 2012. Transitioning from the Traditional. *Collegium Antropologicum*. 36(4):1129-1134. PMID: 23390801

**Schell LM**, Burnitz KK, and Gallo MV. 2012. Growth as a mirror: Is endocrine disruption challenging Tanner's concept? *Annals of Human Biology*, 39 (5): 361-371. doi: 0.3109/03014460.2012.697579.

**Schell LM**, Knutson KL, and Bailey SM. Environmental effects on growth. In, *Human Growth and Development*, 2<sup>nd</sup> edition. N. Cameron and B. Bogin, (eds.). 2012. pp. 245-286. NY: Academic Press.

**Schell LM** and Gallo MV. 2012. Overweight and obesity among North American Indian infants, children and youth. *American Journal of Human Biology*, 24:302-13. (epub 3-1-2012)

**Schell LM**, Gallo MV and Cook K. 2012. What's NOT to eat- Food adulteration in the context of human biology. *American Journal of Human Biology*, 24:139-148. (epub 1-19-2012).

Lynn CD, Paris JJ, Frye CA, and **Schell LM**. 2011. Glossolalia is associated with differences in biomarkers of stress and arousal among Apostolic Pentecostals. *Religion, Brain & Behavior*, 1(3): 173-191.

Gallo MV, **Schell LM**, DeCaprio AP, and Jacobs A. 2011. Levels of persistent organic pollutants and their predictors among young adults. *Chemosphere*, 83(10): 1374-1382. doi: 10.1016/j.chemosphere.2011.02.071

**Schell LM** and Nelder K. Efecto de la exposición de contaminantes sobre el crecimiento del niño. In, *Ensayos sobre crecimiento y desarrollo*. V. Fano, M. del Pino, and S. Caino (eds.). 2011. Buenos Aires: Paidós.

Lynn CD, Paris J, Frye CA, and **Schell LM**. 2010. Salivary alpha-amylase and cortisol among Pentecostals on a worship and non-worship day. *American Journal of Human Biology*, 22(6): 819-822 (epub 7-13-2010). doi: 10.1002/ajhb.21088.

Kruger PC, **Schell LM**, Stark AD and Parsons PJ. 2010. A study of the distribution of aluminium in human placental tissues based on alkaline solubilization with determination by electrothermal atomic absorption spectrometry. *Metallomics*, 2, 621-627. doi: 10.1039/C0MT00010.

Kruger PC, **Schell LM**, Stark AD and Parsons PJ. 2010. Lanthanide distribution in human placental tissue using membrane desolvation - ICP-MS. *Journal of Analytical Atomic Spectrometry*, 25, 1298-1307. doi: 10.1039/C004884D.

**Schell LM**. Industrial pollutants and human evolution. In, *Human Evolutionary Biology*, edited by M. P. Muehlenbein. 2010. Cambridge: Cambridge University Press. pp. 566-580. 2010.

**Schell LM**, Burnitz KK and Lathrop PW. 2010. Pollution and human biology. *Annals of Human Biology*, 37(3): 347-366. doi: 10.3109/03014461003705511

**Schell LM**. 2010. Impact of pollution on physiological systems: Taking Science from the Laboratory to the Field. In, *Human Variation: From the laboratory to the Field*, N. Mascie-Taylor, A. Yasukouchi and S. Ulijaszek (eds), series vol 48. London:Taylor and Francis. Pp. 131-141.

**Schell LM** and Gallo MV. 2010. Relationships of putative endocrine disruptors to human sexual maturation and thyroid activity in youth. *Physiology & Behavior*, 99:246-253, (Epub Oct 2009). doi: 10.1016/j.physbeh.2009.09.015.

**Schell LM**, Gallo MV, and Ravenscroft J. 2009. Environmental influences on human growth and development. *Annals of Human Biology*, 36(5): 459-77. doi: 10.1080/03014460903067159.

Newman J, Gallo MV, **Schell LM**, DeCaprio AP, Denham M, Deane G and the Akwesasne Task Force. 2009. Analysis of PCB congeners related to cognitive functioning in adolescents. *Neurotoxicology*, 30:686-696. doi: 10.1016/j.neuro.2009.05.006.

**Schell LM**, Denham M, Stark AD, Parsons PJ, Schulte E. 2009. Growth of infants' length, weight, head and arm circumferences in relation to low levels of blood lead measured serially. *American Journal of Human Biology*. 21(2): 180-18. doi: 10.1002/ajhb.20842.

**Schell LM**, Gallo MV, Ravenscroft J, DeCaprio AP. 2009. Persistent organic pollutants and anti-thyroid peroxidase levels in Akwesasne Mohawk young adults. *Environmental Research*, 109: 86-92. doi: 10.1016/j.envres.2008.08.015.

**Schell LM**, Gallo MV, Denham M, Ravenscroft J, DeCaprio AP, and Carpenter DO. 2008. Relationship of thyroid hormone levels to levels of polychlorinated biphenyls, lead p,p'- DDE and other toxicants in Akwesasne Mohawk youth. *Environmental Health Perspectives*, 116:806-813. doi: 10.1289/ehp.10490.

**Schell LM**. 2007. Introduction to the special issue, Is adaptation healthy? Interpreting growth patterns in adverse environments. Edited by Stephen Bailey, Lawrence Schell. *American Journal of Human Biology*, 19 (5): 603-605.

**Schell LM** and Magnus PD. 2007. Is there an elephant in the room? Addressing rival approaches to the interpretation of growth perturbations and small size. *American Journal of Human Biology*, 19 (5): 606-614. doi: 10.1002/ajhb.20669.

**Schell LM**, Ravenscroft J, Gallo MV and Denham M. 2007. Advancing biocultural models by working with communities: A partnership approach. *American Journal of Human Biology*. 19 (4): 511-524. doi: 10.1002/ajhb.20611.

Gallo MV, **Schell LM** and Akwesasne Task Force. 2007. Selected anthropometric measurements of Akwesasne Mohawk youth: skinfolds, circumferences and breadths. *American Journal of Human Biology*. 19 (4): 525-536. doi: 10.1002/ajhb.20612.

**Schell LM**. 2006. Editorial: Effects of noise contributes to physicians' challenges. *Southern Medical Journal* 100 (3): 241.

**Schell LM**, Gallo MV, Johnston FE. Growth and development. In, *Handbook of North American Indians*, W. Sturtevant editor; *V.3 Environment, Origins and Population*, Edited by D. Ubelaker. 2006. Washington, D.C.: Smithsonian Institution, pp. 727-739.

Newman J, Aucompaugh AG, **Schell LM**, Denham M, DeCaprio AP, Gallo MV, Ravenscroft J, Kao C-C, Rougas Hanover M, David D, Jacobs AM, Tarbell AM, Worswick P and Akwesasne Task Force on the Environment. 2006. PCBs and cognitive functioning of Mohawk adolescents. *Neurotoxicology and Teratology*, 28(4):439-45. doi: 10.1016/j.ntt.2006.03.001.

**Schell LM**. 2006. Challenges of contemporary urbanism to human growth and health. *Humanbiologia Budapestinensis* 29:23-38.

**Schell LM**, Gallo MV, Denham M, Ravenscroft J. 2006. Effects of pollution on human growth and development: an introduction. *Journal of Physiological Anthropology*, 25 (1):103-112. doi: 10.2114/jpa2.25.103

**Schell LM**, Denham M., Schneeberger M, Codru N. Modern urbanism and human growth. In, *Human Growth in Sickness and Health*. I Nicoletti, L M Schell and G Gilli (eds.). 2006. Florence, Italy: Nicomp LE. Pp 43-70.

**Schell LM**, Ravenscroft J, Cole M, Jacobs A, Newman J. 2005. Health disparities and toxicant exposure of Akwesasne Mohawk young adults: A Partnership approach to research. *Environmental Health Perspectives*, 113(12):1826-32. doi: 10.1289/ehp.7914.

Gallo MV, **Schell LM** and Akwesasne Task Force on the Environment. 2005. Height, weight and body mass index among Akwesasne Mohawk youth. *American Journal of Human Biology*, 17(3):269-279. doi: 10.1002/ajhb.20316.

Denham M, **Schell LM**, G. Deane, Gallo MV, Ravenscroft J, DeCaprio AP, and Akwesasne Task Force on the Environment. 2005. Relationship of lead, mercury, mirex, DDE, HCB, and PCBs to age at menarche among Akwesasne Mohawk girls. *Pediatrics*, 115(2): e127-e134. doi: 10.1542/peds.2004-116.

Schell LM, Gallo MV, DeCaprio, AP, Hubicki L, Denham M, Ravenscroft J and Akwesasne Task Force on the Environment. 2004. Thyroid function in relation to burden of polychlorinated biphenyls (PCB's), p,p'-DDE, HCB, Mirex, and Lead among Akwesasne Mohawk youth: A preliminary study. *Environmental Toxicology and Pharmacology*, 18: 91-99. doi: 10.1016/j.etap.2004.01.010.

**Schell LM**, Denham M, Stark AD, Ravenscroft J, Parsons PJ and Schulte E. 2004. Relationship between blood lead and dietary intakes of infants from 3 to 12 months of age. *Environmental Research*. 96(3): 264-73. doi: 10.1016/j.envres.2004.02.008.

**Schell LM** and Knutson K. Environmental Factors. In, *Physiological and Pathological Auxology*. I. Nicoletti, G. Gilli and L. Benso (eds.). 2004. Firenze, Italy: Edizioni Centro Studi Auxologici. Pp. 567-580.

**Schell LM** and Hills E. Urban pollution, disease and the health of children. In, *The Changing Face of Disease: Implications for Society*. N. Mascie-Taylor, J. Peters and S.T. McGarvey (eds.). 2004. Boca Raton, FL: CRC Press. Pp. 85-103.

**Schell LM** and Denham M. 2003. Environmental pollution in urban environments and human biology. *Annual Review of Anthropology*, 32:111-134. doi:10.1146/annurev.anthro.32.061002.093218.

**Schell LM**, Stark AD, Gomez M, Ravenscroft J, Parsons PJ, Aydermir A, Samelson R. 2003. Maternal blood lead concentration, diet during pregnancy and anthropometry predict neonatal blood lead in a socioeconomically disadvantaged population. *Environmental Health Perspectives*, 111 (2):195-200. doi:10.1289/ehp.5592.

**Schell LM**, Hubicki LA, DeCaprio AP, Gallo MV, Ravenscroft J, Tarbell A, Jacobs A, David D, Worswick P, and Akwesasne Task Force on the Environment. 2003. Organochlorines, lead and mercury in Akwesasne Mohawk youth. *Environmental Health Perspectives*, 111 (7): 954-961. doi:10.1289/ehp.5990.

**Schell LM**, Hubicki LA, DiCaprio AP, Gallo MV and the Akwesasne Task Force on the Environment. Polychlorinated biphenyls (PCBs) and thyroid function in adolescents of the Mohawk Nation at Akwesasne. In, *Human Growth from Birth to Maturity*. G. Gilli, L. Benso and L. Schell (eds.). 2002. London: Smith-Gordon. pp. 289-296.

Gallo MV, Ravenscroft J, Denham M, **Schell LM**, DiCaprio AP, and the Akwesasne Task Force on the Environment. Environmental contaminants and growth of Mohawk adolescents at Akwesasne. In, *Human Growth from Birth to Maturity*. G. Gilli, L. Benso and L. Schell (eds.). 2002. London: Smith-Gordon. pp. 279-287.

**Schell LM**, and Hills EA. Polluted environments as extreme environments: evidence for effects on growth. In, *Human Growth from Birth to Maturity*. G. Gilli, L. Benso and L. Schell (eds.). 2002 London; Smith-Gordon. pp. 249-261.

Nolan K, **Schell LM**, Stark AD, Gomez MI. 2002. Longitudinal study of energy and nutrient intakes for infant from low income, urban families. *Public Health Nutrition* 5: 405-13. doi: 10.1079/PHN2001274.

**Schell LM**, Knutson KL. "Environmental Effects on Growth." In, *Human Growth and Development*. Edited by N Cameron. 2002. New York: Academic Press. pp.165-196.

Denham M, **Schell LM**, Gallo MV and Stark AD. 2001. Neonatal size of low socio-economic status Black and White term births in Albany country, NYS. *Annals of Human Biology*. 28:172-183. doi: 10.1002/ajhb.

**Schell LM**, Czerwinski S, Stark AD, Parsons PJ, Gomez M, and Samelson R. 2000. Variation in blood lead and hematocrit levels during pregnancy in a socioeconomically disadvantaged population. *Archives of Environmental Health* 55: 134-140. doi: 10.1080/00039890009603400.



**Schell LM.** Human physical growth and exposure to toxicants: lead and polychlorinated biphenyls. In, *Human Growth in Context*. F.E. Johnston, P. Eveleth & B. Zemel (eds). 1999. London: Smith Gordon, pp. 221-238.

**Schell LM** and Ulijaszek SJ. Urbanism, urbanisation, health and human biology: an introduction. In, *Urbanism, Health and Human Biology in Industrialised Nations*. L. Schell and S. Ulijaszek (eds). 1999. Cambridge: Cambridge University Press, pp. 3-20.

**Schell LM** and Stark AD. Pollution and child health. In, *Urbanism, Health and Human Biology in Industrialised Nations*. L. Schell and S. Ulijaszek (eds). 1999. Cambridge: Cambridge University Press, pp. 136-157.

Ulijaszek SJ and **Schell LM**. The future of urban environments. In, *Urbanism, Health and Human Biology in Industrialised Nations*. L. Schell and S. Ulijaszek (eds). 1999. Cambridge: Cambridge University Press, pp. 311-322.

**Schell LM.** Using patterns of child growth and development to assess community-wide effects of low-level exposure to toxic materials. In, *Hazardous Waste: Toxicology and Health Effects*. Barry L. Johnson, John S. Andrews, Charles Xintara and Myron A. Mehlman (eds.). 1998. Princeton, N.J.: Princeton Scientific Publishing Co., pp. 259-265.

**Schell LM.** Smoking. In: *Cambridge Encyclopedia of Human Growth and Development*. S. J. Ulijaszek, F. E. Johnston and M. A. Preece (eds.). 1998. Cambridge: Cambridge University Press, pp. 303-304.

**Schell LM.** Environmental Toxicants. In: *Cambridge Encyclopedia of Human Growth and Development*. S.J. Ulijaszek, F. E. Johnston and M. A. Preece (eds.). 1998. Cambridge: Cambridge University Press, pp. 343-345.

**Schell LM.** Urbanism and growth. In: *Cambridge Encyclopedia of Human Growth and Development*. S. J. Ulijaszek, F. E. Johnston and M. A. Preece (eds.). 1998. Cambridge: Cambridge University Press, pp. 408-409.

**Schell LM.** Environmental factors influencing birth-weight. In: *Cambridge Encyclopedia of Human Growth and Development*. Edited by S. J. Ulijaszek, F. E. Johnston and M. A. Preece (eds.). 1998. Cambridge: Cambridge University Press, pp. 291-296.

Fitzgerald EF, **Schell LM**, Marshall EG, Carpenter DO, Suk WA, and Zejda JE. 1998. Environmental pollution and child health in Central and Eastern Europe. *Environmental Health Perspectives* 106: 307-311.

**Schell LM** and Tarbell A. 1998. Commentary: A Partnership Study of PCBs and the Health of Mohawk Youth: Lessons from our Pasts, and Guidelines for our Future. *Environmental Health Perspectives* 106 (Suppl 3):833-840. doi: 10.1289/ehp.1205422.

Landrigan PJ, Carlson JE, Bearer CF, Cranmer JS, Bullard RD, Etzel RA, Groopman J, McLachlan JA, Perera FP, Reigart JR, Robison L, **Schell LM**, and Suk WA. 1998. Commentary: Children's Health and the Environment: A New Agenda for Prevention Research. *Environmental Health Perspectives* 106 (Suppl 3):787-794.

**Schell LM** and Czerwinski S. Environmental health, social inequality and biologic difference. In, *Human Biology of Social Inequality*. S. Strickland and P. Shetty (eds.). 1998. Cambridge: Cambridge University Press, 114-131.

**Schell LM**, Stark AD, Gomez MI, and Grattan WA. 1997. Blood lead level by year and season among poor pregnant women. *Archives of Environmental Health* 52:286-291. doi: 10.1080/00039899709602200

**Schell LM**. 1997. Using patterns of child growth and development to assess community-wide effects of low-level exposure to toxic materials. *Toxicology and Industrial Health*, 13 (Nos.2/3): 373-378. (A reprinting of a chapter by the same name listed just below). doi: 10.1177/074823379701300221

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**Schell LM**. 1997. Culture as a stressor: a revised model of biocultural interaction. *Amer. J. Phys. Anthropol.* 102:67-77. doi: 10.1002/(SICI)1096-8644(199701)102:1<67::AID-AJPA6>3.0.CO;2-A.

**Schell LM**, Ravenscroft J, Czerwinski S, Stark AD, Grattan W, and Gordon M. 1997. Social support and adverse pregnancy outcome in a high risk population. *Journal of Public Health Management and Practice* 3 (2):13-26. doi: 10.1097/00124784-199703000-00005.

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- Schell LM.** Auxological epidemiology and the determination of the effect of noise on human prenatal growth. In, *Genetic and Environmental Factors During the Growth Period*. edited by C. Susanne. 1984. Plenum Press, N.Y., pp. 209-220.

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**Schell LM** and Lieberman LS. Noise stress and cancer. In, *Stress and Cancer*. K. Bammer and B.N. Newberry (eds.). 1981. Hogrefe, Toronto, pp. 202-232.

**Schell LM.** 1981. Environmental noise and human prenatal growth. *Am. J. Phys. Anthropol.* 56:63-70. doi:10.1002/ajpa.1330560107.

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**Schell LM** and Blumberg BS. The genetics of human serum albumin. In, *Albumin -- Its Structure, Function and Uses*. V.M. Rosenoer, M.A. Rothchild, and M. Oratz (eds.). 1977. Pergamon Press, N.Y., pp. 113-141.

Johnston FE, Roche AF, **Schell LM** and Wettenhall HNB. 1975. Critical weight at menarche: critique of an hypothesis. *Am. J. Dis. Child.* 129:19-23. (PR) doi:10.1001/archpedi.1975.02120380011003.

## BOOK REVIEWS:

*The Obesity Culture: Strategies for Change*. F. E. Johnston and I. Harkavy, 2009. For: *Economics and Human Biology*.

*The Cambridge World History of Human Disease*. Edited by K. Kiple, 1993. For: *American Journal of Human Biology*, 6:406-408.

*Worldwide Variation in Human Growth* (2nd edition). P.E. Eveleth and J.M. Tanner. Cambridge: Cambridge University Press, 1990. In, *Annals of Human Biology*, 20: 203-204

*Methods for Assessing Exposure of Human and Non-human Biota*. Edited by R.G. Tadiff and B.D. Goldstein. New York: John Wiley, 1991. In, *American Journal of Human Biology*, 4: 692-694.

*Foetus into Man: Physical growth from conception to maturity* (2nd edition). J.M. Tanner, Cambridge, MA.: Harvard University Press, 1989. In, *American Journal of Human Biology*,

3:217-218.

*Growth, Health and Fitness of Teenagers.* T.C.G. Kemper, editor. Karger, N.Y., 1985. In, *Human Biology*, 58(6):997-999.

CONFERENCES & SYMPOSIA ORGANIZED:

Health in NY State: Addressing Barriers to Health Across Populations. President's Forum on Health Disparities, At the University at Albany, April 24, 2018

Workshop on Epigenetics: How to include epigenetics in your research. At the University at Albany, February 16, 2018.

XIV International Congress on Human Growth and Clinical Auxology. Sponsored by the International Society for the Study of Human Growth and Clinical Auxology, Buenos Aires, Argentina. November 1-3, 2017. Member, Scientific Committee.

Stress, Trauma and Violence: What can the University Do? A community university partnership event at the University at Albany, February 1, 2017.

A Moveable feast: Transformations of What's Good to Eat. Organized by L.M. Schell and J. Ravenscroft. At the 114 Annual Meeting of the American Anthropological Association, Denver, CO. November 18, 2015.

XIII International Congress on Human Growth and Clinical Auxology. Sponsored by the International Society for the Study of Human Growth and Clinical Auxology, Maribor, Slovenia, September 17-20, 2014. Chair, Scientific Committee.

Can the future escape the past: Biosocial factors in the reproduction of poverty. Organized by L.M. Schell and T. Leatherman. At the 112 Annual Meeting of the American Anthropological Association, Chicago, IL, November 20-24, 2013.

Is adaptation healthy? Contrasting views on growth patterns in adverse environments. Organized by S. Bailey, L. Schell and N. Cameron. At the 29<sup>th</sup> Annual Meetings of the American Association of Physical Anthropologists, Anchorage, Alaska, March 7-11, 2006.

The X International Congress of Auxology, Florence, Italy, July 4-7, 2004. Scientific Organizing Committee.

Applying Participatory Action Research (PAR) in Human Biology. 28<sup>th</sup> Annual Meetings Human Biology Association, Tempe, Arizona, April 25-27, 2003.

Recent Developments and Applications of Biomedical Anthropology In and Out of Academia: A Symposium in Honor of Francis E. Johnston. Annual meetings of the American Association of Physical Anthropologists, Tempe, Arizona, April 23-26, 2003.

The IX International Congress of Auxology, Turin, Italy, September 6-9, 2000. Scientific Organizing Committee.

Urbanism, Health and Human Biology (with S. J. Ulijaszek). Society for the Study of Human Biology, Cambridge, England. April 10-11, 1997.

International Conference on Environmental Pollution and Child Health: Critical Needs and Issues for Central and Eastern Europe (with Edward F. Fitzgerald and others). Sosnowiec, Poland, May 8-

10, 1996.

Putting Theory into Practice: The Pedagogical Applications of Diversity (with Gregory Stevens and Joan Schulz). University at Albany, State University of New York, April 12, 1994.

A Curriculum for the 21st Century: Integrating Human Diversity into Curricular and Academic Life (with Gregory Stevens and Joan Schulz). University at Albany, State University of New York, March 11, 1993.

Urban Health and Ecology in the Third World (with E. Watts, M. Smith, A. Bilsborough). Society for the Study of Human Biology, Durham, England, September 25-27, 1990.

Biological Challenges of Contemporary Urbanism. Annual meetings of the American Association of Physical Anthropologists, April 4-7, 1990, Miami, Florida.

#### INVITED PRESENTATIONS AND SYMPOSIA:

2018 Power, pollutant exposure and survival of indigenous peoples: the Case of Native Americans. Università degli Studi di Padova, Bressanone, Italy, June 22.

Effects of pollutants on prenatal development. Conference on Croatian Islands Birth Cohort Study, Hvar, Croatia, June 13.

Pollution and Human Development: from Conception to Adulthood. Dipartimento di Salute della Donna e del Bambino, Università degli Studi di Padova, Padova, Italy, June 7.

Conversations on Research. Università degli Studi di Verona, Verona, Italy, June 7.

When the healthy choice isn't healthy or a choice: Structural determinants in cases of environmental injustice. In, The False Meritocracy of Choice Within Social Constructs of Health. At the 87<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Austin, TX. , April 13.

Pollution and Child Health. Indiana State University, March 23.

Health Disparities-The special case of American Indians. The Whitman Lecture. Indiana State University, March 23.

2017 A public health "solution" to a water quality problem: What a holistic analysis reveals. In "Water Matters: Anthropologists on Climate, Contamination and Vulnerable Environment." Annual meetings of the American Anthropological Association, Washington, D.C., November 29-December 3.

New Influences on Sexual Maturation and Growth: What does Tanner's Mirror show us now? The Tanner Lecture, XIV International Congress on Human Growth and Clinical Auxology, International Association for the Study of Human Growth and Clinical Auxology, Buenos Aires, Argentina, November 1-3.

2016 Toxic Water: The Poisoning of Flint, Michigan. L. M. Schell, Symposium organized by State University of New York College at New Paltz, March 15.

2015 Power and pollutant exposure among minorities: one Native American experience. L.M. Schell and M. V. Gallo. In, Human Biology of Poverty. Society for the Study of Human Biology symposium, Lisbon, Portugal. September 3.

Transforming the familiar to the Strange: Is adulterated and contaminated food the new normal? In, *A Moveable feast: Transformations of What's Good to Eat*. Organized by L.M. Schell and J. Ravenscroft. At the 114 Annual Meeting of the American Anthropological Association, Denver, CO. November 18, 2015.

The perils of modern environments: pollution and health among Akwesasne Mohawk adolescents. Hardy Chair Lecture, Hartwick College March 4.

- 2014 Relationship of chemical burden to growth, maturation and the nutrition transition. L.M. Schell and M. V. Gallo. International Congress on Human Growth and Clinical Auxology. Maribor, Slovenia, September 19.

Pollutants and human health: Child growth and development. Andrija Štampar School of Public Health, Zagreb, Croatia, September 17.

- 2013 Poverty of environment, poverty of development: intergenerational pathways of poor health in disadvantaged US children. L.M. Schell, J. Ravenscroft, E. Holdsworth. In the symposium, *Can the future escape the past: Biosocial factors in the reproduction of poverty*. At the 112 Annual Meeting of the American Anthropological Association, Chicago, IL, November 20-24, 2013.

Health Disparities and Toxicant Exposure of Akwesasne Mohawk Young Adults: A Partnership Approach to Research. American Indian Public Health Disparities Symposium, Empire State Public Health Training Center. February 2.

- 2011 Growth as a mirror: reflections in growth of exposure to endocrine disruptors. Plenary address, Society for the Study of Human Biology Symposium: The Human Biology of Jim Tanner. December 14, Cambridge, England.

Toxicants and human growth and development. Plenary address, XII International Congress of Auxology. Mexico City, Mexico. September 6-9.

Toxic foods: What shouldn't be for dinner? L.M. Schell, M.V. Gallo, J. Ravenscroft, K.M. Nelder, K.K. Burnitz. Plenary address, Annual meetings of the Human Biology Association, Minneapolis, MN, April 14.

- 2009 Environmental Pollution and Human Biology. Presented at 51st SSHB Symposium and Proffered Papers Meeting, "Human Dispersals." Plenary address, Rome, Italy, June 19.

Environmental Pollution and Child Development. Presented at the 35th School of Biological Anthropology; "Biological Anthropology of health in the 21st century: From describing variation to understanding determinants." Plenary address, Zagreb, Croatia, June 10.

The social construction of pollutant exposure and the perpetuation of social disadvantage: Anthropological approaches to pollution, human biology and health. Department of Anthropology, State University of New York at Buffalo, Buffalo, NY March 6.

- 2008 Engaging, Researching and Learning. L. M. Schell and J. Ravenscroft. In the symposium, "Inclusion, Collaboration, Engagement: Advancing the biocultural perspective in anthropological inquiry." Annual meeting of the American Anthropological Association, San Francisco, November 20.

Evidence of endocrine disruption among youth of the Akwesasne Mohawk Nation. Conversations in the Capital District on Hormones, University at Albany, State University of NY, Oct 24.

The social construction of pollutant exposure and the perpetuation of social disadvantage. Bouvé School of Health Sciences, Northeastern University, Boston, MA. April 10.

Community partnerships in research: benefits and challenges. ACCEND Workshop at Oxford Brookes University, Oxford, UK, April 30.

Environmental influences on human growth and development. Society for the Study of Human Biology, 50<sup>th</sup> Anniversary Meeting, New College Oxford, April 1-3.

- 2007 Impact of pollution on physiological systems: from laboratory to the field. Joint meeting of the Society for the Study of Human Biology and the Japanese Society of Physiological Anthropologists, Cambridge University, Cambridge, U.K. September 24-26.

Pollution and human growth and development. Loughborough University, Loughborough, U.K., September 27.

- 2006 Challenges of contemporary urbanism to human growth and health., European Anthropological Association, Budapest, Hungary, plenary address. September 1.

Social construction of adverse influences of industrial environments and their biological challenges. 8th International Congress of Physiological Anthropology, Kamakura, Japan, October 9.

What does growth mean? Biomedical and Adaptationist Interpretations. L. M. Schell. In, symposium , Is adaptation healthy? Contrasting views on growth patterns in adverse environments. At the 29<sup>th</sup> Annual meetings of the American Association of Physical Anthropologists, Anchorage, Alaska, March 7-11.

Social construction of children's exposure to toxic pollutants: What can be done? Center for Social and Demographic Analysis, University at Albany, Albany, NY. January 27, 2006.

- 2005 Social construction of adverse environmental impacts: Children, lead and PCBs. School of Public Health, Boston University, Boston, MA. December 8.

Advancing biocultural models by working with communities. L. M. Schell, J. Ravenscroft; M. Gallo, Denham M., M. Schneeberger and the Akwesasne Task Force on the Environment. In, Symposium entitled, At the interface of biology and culture: Biocultural models in human biology. At the 30<sup>th</sup> Annual Meeting of the Human Biology Association, April 6. Milwaukee, WI. *American Journal of Human Biology*, 17(2): 266-67 (abstract).

The effects of multichemical exposure on Akwesasne Mohawk youth. Invited Paper at the International Joint Commission Science Advisory Board, Workgroup on Ecosystem Health's Conference: Chemical Exposure and Effects in the Great Lakes Today, March 30, Chicago, IL.

- 2004 Effects of toxicants on human growth and development. L.M. Schell, Denham M., M. Schneeberger, J. Ravenscroft, M.V. Gallo. Paper presented at the 7<sup>th</sup> International Congress of Physiological Anthropology. Columbus, OH, Sept. 4. *Journal of Physiological Anthropology and Applied Human Science*. 23(6):369-70 (abstract).

Urbanism and growth. At the X International Congress of Auxology, Florence, Italy, July 4-7.

- 2003 The partnership model of community research: Akwesasne and Albany. Schell, L.M. Center for Public Health Research and Health Promotion, University of Massachusetts Lowell. March 28, 2003.



Weight growth velocity from birth to 2 years of age in relation to lead burden. Schell, L.M. and Cameron N. Speaker in the symposium: Recent Developments and Applications of Biomedical Anthropology In and Out of Academia: A Symposium in Honor of Francis E. Johnston. Annual meetings of the American Association of Physical Anthropologists, Tempe, Arizona, April 23-26, 2003. *American Journal of Physical Anthropology*. Suppl. 36:185 (abstract).

Using Participatory Action Research to build policy making capacity in minority communities exposed to toxicants. Schell L.M, Ravenscroft J., Gallo M. Speaker in the symposium: Applying Participatory Action Research (PAR) in human biology. Annual meetings of the Human Biology Association, Tempe, Arizona, April 25-27. *American Journal of Human Biology*. 15(2): 283 (abstract).

Toxicants and child growth and development: PCB's and lead. L.M. Schell. Harpur College Dean's Workshop Lecture, University at Binghamton, Binghamton, NY, April 30.

PCB's and the well-being of Akwesasne Mohawk youth. Schell, L.M., Newman, J., and the Akwesasne Task Force on the Environment. At, Iakoti'satstenhsrawis Ne Ohwentsia (Strengthening our relationship to the Earth); A Conference on Environmental Research, Akwesasne, NY, May 22-23.

2002 Thyroid function in relation to burden of polychlorinated biphenyls, DDE, HCB, mirex and lead among Akwesasne Mohawk youth. Schell LM, Gallo MV, Ravenscroft J, DeCaprio AP, Hubicki LA, and the Akwesasne Task Force on the Environment. At, *International Conference on Chemical Mixtures*, Sept. 10-12.

2000 Pollution and child growth: Polychlorinated biphenyls and thyroid function. Schell, L.M.; Hubicki, L.; DiCaprio, A.; and the Akwesasne Task Force on the Environment. Speaker in the symposium: *Auxology*. The 96<sup>th</sup> Annual Meeting of the German Society of Pediatrics, Stuttgart, Germany, September 14. *Klinische Pädiatrie*. 2000. 212(5): 54 (abstract).

Urban ecology in the 21<sup>st</sup> Century: The challenge to human biological adaptation. Plenary speaker in the Symposium, *Human Biology in the 21<sup>st</sup> Century*. The 12<sup>th</sup> Congress of the European Anthropological Association, Cambridge, England, September 11.

Polychlorinated biphenyls (PCBs) and thyroid function in adolescents of the Mohawk Nation at Akwesasne. Schell, L.M.; Hubicki, L.; DiCaprio, A.; Gallo, M.V. and the Task Force on the Environment. Speaker in the symposium: *Pollutants and Development*. The IX International Congress of Auxology, Turin, Italy, September 6. *Acta Medica Auxologica*. 2000. 32(1):71-72 (abstract).

Environmental contaminants and growth of Mohawk adolescents at Akwesasne. Gallo, M.V.; Ravenscroft, J.; Schell, L.M.; DiCaprio, A.; and the Akwesasne Task Force on the Environment. At the IX International Congress of Auxology, Turin, Italy, September 6. *Acta Medica Auxologica*. 2000. 32(1):72 (abstract).

Polluted environments as extreme environments: Evidence for effects on growth. Schell, L.M. and E.A. Hills. Speaker in the symposium: *Growth in Extreme Environments*. The IX International Congress of Auxology, Turin, Italy, September 5. *Acta Medica Auxologica*. 2000. 32(1):47 (abstract).

Toxicants and child development: PCBs and lead. At the Institute for Environmental Studies, University of Pennsylvania, Philadelphia, PA., February 11.

1999 PCBs and their effects on the health and well-being of the Mohawk youth of Akwesasne. Iroquois

Indian Museum, Howes Cave, NY. Jun 17.

- 1997 Toxic Substances in the Environment and Human Growth. Invited Plenary Lecture: The Eighth International Congress of Auxology, Philadelphia, PA., June 29-July 3.

PCBs. Plenary speaker in the Symposium, *Bridging the Gap between Children's Health and the Environment*. Sponsored by The Children's Health Environmental Coalition. Sundance, UT, April 25-27.

Pollution and child health. Plenary speaker. In the symposium *Urbanism, Health and Human Biology*. Cambridge, England. April 10-11. Sponsored by the Society for the Study of Human Biology,

Methodological concerns bridging physical anthropology and environmental health. In the symposium, *Habitats, habits, hazards and health: Environmental factors and the health of human populations*. Annual meetings of the American Association of Physical Anthropologists, St. Louis, MO. April 4. *American Journal of Physical Anthropology*. Suppl. 24:205 (abstract).

PCBs and the Well-Being of Mohawk Children and Youth. L. Schell, J. Newman and M. Gallo. At, Superfund Basic Research Program: A Decade of Improving Health Through Multi-Disciplinary Research. Research Triangle Park, N.C., February 23-26.

PCBs and Mohawk Youth: A Partnership Study. L. Schell and Alice Tarbell. Plenary speaker at, *Children's Environmental Health: Research, Practice, Prevention, Policy*. Sponsored by the Children's Environmental Health Network. Washington, D.C., February 21-23.

- 1996 Pollution and child growth: combining anthropologic and epidemiologic methods. Plenary speaker: *European Anthropological Association*, Brussels, Belgium, August 19-22.

The evolution of the city: a biocultural perspective. Plenary speaker at the LEAD International Second International Session "*Rural-Urban Dynamics: Interventions for Sustainable Development*". Okinawa, Japan, October 17.

Environmental health and social inequality. In the symposium, *Human Biology and Social Inequality*; Society for the Study of Human Biology. The London School of Hygiene and Tropical Medicine, London, U.K. March 28-29.

- 1995 Environmental inequity, pollutant burdens and the physical and cognitive development of children. In the symposium, *Environmental Justice in America: Paradigms and Politics*. Annual meeting of the American Anthropological Association, Washington, D.C., November 15-19.

Pollution, health and culture. October 26, 1995. Oberlin College, Oberlin, Ohio.

Neonatal blood lead level and size at birth: problems in multivariate analysis. 4th Annual Human Growth Workshop. Emory University, Atlanta, Ga. October 1-3.

PCBs and the well-being of Mohawk children and youth: growth, development and cognitive/behavioral functioning. L. M. Schell and J. Newman. At 13<sup>th</sup> *International Neurotoxicology Conference*, April 1-3, Hot Springs, AK. *Neurotoxicology*. 16(4):759-60 (abstract).

- 1994 Growth as an outcome of research design and non-nutritional factors. 3rd Annual Human Growth Workshop. Emory University, Atlanta, Ga. October 2-4.

The relationship of urban poverty to pollutant exposure and pollutant effects. L. M. Schell. In the symposium of *Social and Political-Economic Perspectives in Biological Anthropology* at the 63rd annual meetings of the American Association of Physical Anthropologists, Denver, Colorado, April 2.

- 1992 Effect of 1st trimester cigarette smoking on the frequency of low birthweight. M. Madan, L.M. Schell, J.H. Relethford, E.B. Hook and A. Dunn. *Symposium in honor of S.M. Garn*, at the 61st Annual Meeting of the American Association of Physical Anthropologists, April 1-4. Las Vegas, Nevada. *American Journal of Physical Anthropology*. Suppl. 14:115 (abstract).

Nutrition and Health Status of Urban Children: Lead Pollution. At the conference, *The Role of University Assisted Community Schools in Improving Nutrition and in Careers in Nutrition and Health*. University of Pennsylvania, Philadelphia, Pennsylvania, June 22-23.

- 1990 Introduction to the symposium, *Biological Challenges of Contemporary Urbanism*. Presented at the annual meetings of the American Association of Physical Anthropologists, April 4-7, Miami, Florida.

Trends in blood lead among urban women during pregnancy. Stark AD and L.M. Schell. In the symposium, *Biological Challenges of Contemporary Urbanism*. At the annual meetings of the American Association of Physical Anthropologists, April 4-7, Miami, Florida.

Postnatal growth of children in relation to noise from Osaka International Airport. In the symposium, *Biological Challenges of Contemporary Urbanism*. At the annual meetings of the American Association of Physical Anthropologists, April 4-7, Miami, Florida.

Social factors, health and epidemiologic transitions. L.M. Schell. Presented at the Fifth Anniversary Symposium of the School of Public Health, *The Scientific Basis of Health Policy in the 1990's*, April 25-26, Albany, New York.

Hazards to child growth and health from urban pollution. Anthropological Society of Washington, Washington, D.C., September 19.

Industrial pollution and the physical growth of children. University of Pennsylvania, Human Biology Colloquium, September 20.

Human growth and urban pollution. Presented at the 16th School of Biological Anthropology, entitled, *Human Ecology and Anthropology: Lessons for the 21st Century*, October 1-5, Zagreb, Yugoslavia.

Impact of Urban Pollution on Human Growth and Development. L.M. Schell. In the symposium, *Health and Disease: Anthropologists Assess the Human Condition*. American Anthropological Association, December 1, New Orleans, Louisiana.

- 1989 Hazards to child growth and health from urban pollution. Anthropological Society of Washington, Washington, D.C., September 19.

Industrial pollution and the physical growth of children. Human Biology Colloquium, Department of Anthropology, University of Pennsylvania, September 20.

- 1988 The biomedical anthropologist in multidisciplinary research. L.M. Schell and Stark AD. In the symposium of *Multidisciplinary Perspectives on Applied Biomedical Anthropology*, at the annual meetings of the Society for Applied Anthropology in Tampa, Florida, April 21-23, 1988.

Urbanism and Human Health: Implications for Biocultural Models. Department of Anthropology, University of Pennsylvania, April 29, 1988.

- 1987 Airport noise and human physical development (with D.C. Hodges). In the Special Invited Session, *Effects of Noise on Unborn Babies and Children*, at the 16th International Conference on Noise Control Engineering, Beijing, Peoples Republic of China, September 15-17, Chinese Journal of Acoustics 6:227-228.
- 1982 Auxological Epidemiology and the Determination of the Effects of Noise on Human Growth, at NATO Workshop “*Genetical and Environmental Factors During the Growth Period*”. August 24-25, Brussels, Belgium.
- 1980 The effects of airport noise on human prenatal growth. At Meetings of the *Acoustical Society of America*, Los Angeles, California. J. Acoust. Soc. Am. Supl. 1, 68:590 (abst).

### CONTRIBUTED PRESENTATIONS

- 2018 Persistent organic pollutants as predictors of increased FSH:LH ratio. Mia V. Gallo, Julia Ravenscroft, David O. Carpenter, Lawrence M Schell, Akwesasne Task Force on the Environment. Human Biology Association, Austin, TX. April 11.  
  
Relationship between autoimmune disease and toxicant exposure. Florence Lee, Mia V. Gallo and Lawrence M. Schell. Human Biology Association, Austin, TX. April 11.
- 2017 Maternal experiences of childhood adversity are associated with age at menarche and offspring asymmetric fetal growth. Elizabeth A. Holdsworth, Lawrence M. Schell, and Allison A. Appleton. U.S. Society for the Developmental Origins of Health and Disease Conference, Detroit, MI. September 25-27, 2017.  
  
Relationship of environmental endocrine-disrupting pollutants to ovulatory status. MV Gallo, J Ravenscroft, DO Carpenter, C Frye, LM Schell. Presented at the 42<sup>st</sup> annual meeting of the Human Biology Association, April 19-20, New Orleans, LA.
- 2016 Associations between Serum Concentrations of Perfluorinated Chemicals (PFCs) and Thyroid Hormones in White Males from the National Health and Nutrition Examination Survey (NHANES) III (2011-2012). CA Ehret, MM Bleuze, LM Schell. Presented at the 41<sup>st</sup> annual meeting of the Human Biology Association, April 13-14, Atlanta, GA.  
  
Exposure to environmental toxicants as a predictor of infant neurodevelopment. NH Graham, LM Schell, PJ Parsons, PC Kruger. Presented at the 41<sup>st</sup> annual meeting of the Human Biology Association, April 13-14, Atlanta, GA.
- 2015 Do endocrine disrupting chemicals affect ovulatory status? MV Gallo, JC Ravenscroft, LM Schell. Presented at the 40<sup>th</sup> annual meeting of the Human Biology Association, March 25, St. Louis, MO.
- 2014 Reproductive hormone levels and organochlorine toxicants: Is there a relationship? MV Gallo, LM Schell, J Ravenscroft, KR Nelder. Presented at the 39<sup>th</sup> annual meeting of the Human Biology Association, April 9-11, Calgary, Alberta.  
  
Infant fatness and mother’s engagement. EA Holdsworth and LM Schell. Presented at the 39<sup>th</sup> annual meeting of the Human Biology Association, April 9-11, Calgary, Alberta.
- 2013 Preliminary analysis of the relationship between persistent organic pollutants (POPs) and indices of health and reproductive well-being among women of reproductive age. LM Schell, MV Gallo, KK

Burnitz, KR Nelder. Presented at the 38<sup>th</sup> annual meeting of the Human Biology Association, April 16, 2013, Knoxville, TN

- 2012 Health disparities in smaller cities: What differences make a difference? L.M. Schell, L. Alomar, W. Alvarado-Little, E. Campisi, R.L. Miller, Jr., D. Strogatz. 2012 Summit on the Science of Eliminating Health Disparities. Dec. 17-19, NIH, National Harbor, Md.

Social pathways to pollutant exposure and health effects in a Native American community. L.M. Schell and M.V. Gallo. 2012 Summit on the Science of Eliminating Health Disparities. Dec. 17-19, NIH, National Harbor, Md,

Toxicant exposure and the association with adolescent height growth in the Akwesasne Mohawk  
KK Burnitz, LM Schell, MV Gallo. Presented at the 37<sup>th</sup> annual meetings of the Human Biology Association, April 11, Portland, Oregon. American Journal of Human Biology. 24: 221 (abstract).

Testosterone links polychlorinated biphenyls to higher waist-hip ratios: preliminary results from a sample of Native American male adolescents. KR Nelder, LM Schell, MV Gallo. Presented at the 37<sup>th</sup> annual meetings of the Human Biology Association, April 11, Portland, Oregon. American Journal of Human Biology. 24: 236 (abstract).

- 2011 Cultural configuration through competing demands of environmental risk, social integration and personal identity. L.M. Schell and M.V. Gallo. In, Re-envisioning culture: challenging legacies and shifting tides in the study of human diversity. American Anthropological Association, Montreal, Quebec, November 17.

The influence of breastfeeding duration on the cognitive functioning of adolescents exposed to persistent organic pollutants. G. Brooke, B. Behforooz, J. E. Lee, J. Newman, L. M. Schell, M. V. Gallo, and The Akwesasne Task Force on the Environment. American Psychological Association, Washington DC, August 2011

The influence of breastfeeding on the cognitive functioning of children raised in an environment polluted with PCBs. B. Behforooz, G. Brooke, W. Fan, J. E. Lee, J. Newman, L. M. Schell, M. V. Gallo, and The Akwesasne Task Force on the Environment. Society for Research in Child Development, Montreal, March 2011.

The impact of early exposure to PCBs and *p,p'*-DDE on adult BMI in the Akwesasne Mohawk. K.K. Burnitz, L.M. Schell, M.V. Gallo. Presented at the 36<sup>th</sup> Annual meetings of the Human Biology Association, Minneapolis, MN, April 13.

The impact of toxicants and maternal cigarette use on sex steroid levels in pre-menarcheal Mohawk females. J.K. Karsten, L.M. Schell, and M.V. Gallo. Presented at the 36<sup>th</sup> Annual meetings of the Human Biology Association, Minneapolis, MN, April 13.

Persistent organic pollutants and testosterone levels in a male adolescent Native American sample. K.R. Nelder, L.M. Schell, M.V. Gallo. Presented at the 36<sup>th</sup> Annual meetings of the Human Biology Association, Minneapolis, MN, April 13.

- 2010 Native American risk to obesity: dietary and thyroid relationships among the Akwesasne Mohawk. K.K. Burnitz, L.M. Schell, M.V. Gallo. Presented at the 35<sup>th</sup> Annual Meeting of the Human Biology Association. Albuquerque, NM, April 1.

- 2009 Assessing material well-being in field situations: When education and income just don't measure up. Annual meetings of the American Anthropological Association, December 4. Philadelphia, PA.

Is immune function altered by exposure to common pollutants? L. M. Schell, M. V. Gallo, DeCaprio AP. and J. Ravenscroft. Presented at the 34th Annual Meeting of the Human Biology Association. Chicago, Illinois, April 1.

- 2008 Sexual maturation and environmental contaminants: is there cause for concern? M. Gallo and L. M. Schell. Annual meetings of the Human Biology Association, Columbus OH, April 10.

Low levels of lead in blood affect infant growth. L. M. Schell. XI International Congress of Auxology, Tokyo, Japan, September 10.

- 2007 Infant growth in a low socioeconomic urban environment. T. Comer and L. M. Schell. Annual meetings of the American Association of Physical Anthropologists, Philadelphia, PA, March 28-31. *American Journal of Physical Anthropology*. Suppl. 44:89 (abstract).

Dietary patterns and exposure to environmental contamination at Akwesasne. J. Ravenscroft, L. M. Schell. Poster to be presented at the 32<sup>st</sup> annual meeting of the Human Biology Association. Philadelphia, PA, March 28-31. *American Journal of Human Biology*. 19(2): 275 (abstract).

Is there an effect of persistent organic pollutants on anthropometric measures among youth? M.V. Gallo, L. M. Schell. Poster to be presented at the 32<sup>st</sup> annual meeting of the Human Biology Association. Philadelphia, PA, March 28-2. *American Journal of Human Biology*. 19(2): 255 (abstract).

- 2005 Thyroid function and pollution exposure among Akwesasne Mohawk youth. L.M. Schell, Denham M., M.V. Gallo, J. Ravenscroft, A. DeCaprio & Akwesasne Task Force on the Environment. At the annual meetings of the American Association of Physical Anthropologists. Milwaukee, WI. April 9. *American Journal of Physical Anthropology*. Suppl. 40:182 (abstract).

- 2004 PCBs and adolescent cognition in the Mohawk Nation community of Akwesasne. J. Newman, A. Aucompaugh, L. Schell. Paper presented at the Annual meeting of the American Psychological Association, Honolulu, July.

Age at menarche among Akwesasne Mohawk girls exposed to lead, mercury, mirex, dichlorodiphenyldichloroethane (DDE), hexachlorobenzene (HCB) and polychlorinated biphenyls (PCBs). Denham M., L. Schell, G. Deane, M.V. Gallo, J. Ravenscroft, A. DeCaprio, Akwesasne Task Force on the Environment, L.M. Schell. Paper to be presented at the 29<sup>th</sup> annual meeting of the Human Biology Association. Tampa, FL, April 14. *American Journal of Human Biology*. 16(2): 201 (abstract).

Dietary patterns of Mohawk youth. J. Ravenscroft, M.V. Gallo, Denham M., Akwesasne Task Force on the Environment, L.M. Schell. Poster to be presented at the 29<sup>th</sup> annual meeting of the Human Biology Association. Tampa, FL, April 14. *American Journal of Human Biology*. 16(2): 220-221 (abstract).

- 2003 Age at menarche among Akwesasne Mohawk girls exposed to lead, mercury, mirex, dichlorodiphenyldichloroethane (p,p'-DDE), hexachlorobenzene (HCB) and polychlorinated biphenyls (PCBs). Denham M, Deane G, Gallo MV, Ravenscroft J, DeCaprio AP, Akwesasne Task Force on the Environment, Schell LM. At "The Role of Environmental Factors on the Onset and Progression of Puberty – Expert Panel Workshop": Sponsored by Sero Symposia International, Inc. Rosemont, IL, Nov. 5-8.

Body size in Akwesasne Mohawk youth 10-16 years of age. Gallo MV, Ravenscroft J, Denham M, Schell LM, and the Akwesasne Task Force on the Environment. 28<sup>th</sup> Annual Meeting Human

Biology Association, Tempe, Arizona, April 25-27. *American Journal of Human Biology*. 15(2): 262 (abstract).

- 2002 Thyroid Function in Relation to Polychlorinated Biphenyl Burden in Akwesasne Mohawk Adolescents. Schell LM, Gallo MV, Ravenscroft J, DeCaprio AP, Hubicki LA, and the Akwesasne Task Force on the Environment. At “*Thyroid hormone and brain development: Translating molecular mechanisms to population at risk*. Research Triangle Park, NC Sept. 23-25, 2002

Growth of Akwesasne Mohawk adolescents and environmental contaminants. M. Gallo, J. Ravenscroft, L. Schell, A. DeCaprio, Denham M., and the Akwesasne Task Force on the Environment. At the 71<sup>st</sup> Annual meeting of the American Association of Physical Anthropologists. Buffalo, NY, April 11. *American Journal of Physical Anthropology*. Suppl. 34:74 (abstract).

Thyroid function and polychlorinated biphenyls (PCBs) in adolescents of the Akwesasne Mohawk Nation. L. Schell, A. DeCaprio, M. Gallo, and the Akwesasne Task Force on the Environment. At the 71<sup>st</sup> Annual meeting of the American Association of Physical Anthropologists. Buffalo, NY, April 11. *American Journal of Physical Anthropology*. 34:136 (abstract).

- 2000 Relationship of polychlorinated biphenyls (PCBs) in Akwesasne Mohawk Nation youth and maternal fish consumption before and during pregnancy. M.V. Gallo, L.M. Schell, J. Newman, A. DiCaprio, and the Akwesasne Task Force on the Environment. At the 25<sup>th</sup> Annual meetings of the Human Biology Association, San Antonio, TX, April 10. *American Journal of Human Biology*. 12(2):266-267 (abstract).

Relationship between body size, body composition and sexual maturation among Akwesasne Mohawk youth. Denham M., L. M. Schell, M. Gallo, Akwesasne on the Environment. At the 25<sup>th</sup> Annual meetings of the Human Biology Association, San Antonio, TX, April 10. *American Journal of Human Biology*. 12(2):265 (abstract).

Infant cognitive development: a risk focusing approach. J. Ravenscroft and L. Schell. At the 25<sup>th</sup> Annual meetings of the Human Biology Association, San Antonio, TX, April 10. *American Journal of Human Biology*. 12(2):270 (abstract).

- 1999 Maternal ethnicity/race, nutrition, and anthropometry predict neonate's blood lead level. L.M. Schell, A. Aydemir, Stark AD, P. Parsons, M. Gallo, J. Ravenscroft, M. Gomez, and K. Fuschillo. 17<sup>th</sup> International Neurotoxicology Conference, Little Rock, AK, October 17-20. *Neurotoxicology*. 20(4) (abstract).

Change in maternal blood lead level during pregnancy and fetal exposure. L.M. Schell, Stark AD, P. Parsons, A. Aydemir, M. Gomez, and M. Gallo. 17<sup>th</sup> International Neurotoxicology Conference, Little Rock, AK, October 17-20. *Neurotoxicology*. 20(4) (abstract).

Growth of the Akwesasne Mohawk Nation youth. M. V. Gallo, L. M. Schell, J. Newman, and the Akwesasne Task Force on the Environment. At the 68<sup>th</sup> Annual meetings of the American Association of Physical Anthropologists, Columbus, OH, April 26. *American Journal of Physical Anthropology*. Supp 28:132 (abstract).

Diet and lifestyle factors during pregnancy among socioeconomically disadvantaged urban women. S. A. Czerwinski, L. M. Schell, and A. D. Stark. At the 24<sup>th</sup> Annual meetings of the Human Biology Association, Columbus, OH, April 26. *American Journal of Human Biology*. 11: 108 (abstract).

Length at birth: its value for the assessment of newborn status and prenatal growth. A. C. Choh, L.

M. Schell, and A. D. Stark. At the 24<sup>th</sup> Annual meetings of the Human Biology Association, Columbus, OH, April 26. *American Journal of Human Biology*. 11: 107 (abstract).

Sexual maturation of Akwesasne Mohawk youth. Denham M., L. M. Schell, A. Choh, M. Gallo, J. Newman, and the Akwesasne Task Force on the Environment. At the 24th annual meetings of the Human Biology Association, Columbus, OH, April 28. *American Journal of Human Biology*. 11:109 (abstract).

Change in blood lead levels during pregnancy in a socioeconomically disadvantaged population. L.M. Schell, S. Czerwinski, Stark AD, P. Parsons, M. Gomez. At the 12<sup>th</sup> Annual meeting of the Society for Pediatric and Perinatal Epidemiologic Research, Baltimore, MD, June. *Paediatric and Perinatal Epidemiology*. 13:A21 (abstract).

Length at birth: its value for the assessment of newborn status and prenatal growth. L. M. Schell, A. C. Choh, and A. D. Stark. At the 12<sup>th</sup> Annual meeting of the Society for Pediatric and Perinatal Epidemiologic Research, Baltimore, MD, June. *Paediatric and Perinatal Epidemiology*. 13:A22 (abstract).

1998 Birth weight, length and body composition among Black-Americans, and White-Americans of low socioeconomic status. M. V. Gallo, M. Denham M., L. M. Schell, S. Czerwinski and Stark AD. At the 67<sup>th</sup> annual meetings of the American Association of Physical Anthropologists, Salt Lake City, UT, April 3. *American Journal of Physical Anthropology*. Suppl. 26:102 (abstract).

1997 Determinants of blood lead levels among socio-economically disadvantaged children. S. A. Czerwinski, L. Schell and A. Stark. At the 66<sup>th</sup> annual meetings of the American Association of Physical Anthropologists, St. Louis, MO., April 4. *American Journal of Physical Anthropology*. Suppl 24:98 (abstract).

1996 Early childhood blood lead levels of the urban poor in Albany, New York. S.A. Czerwinski and L.M. Schell. At the 21st Annual Meeting of the Human Biology Council, Durham, NC., April 8-10. *American Journal of Human Biology*. 8:112 (abstract).

1995 Using patterns of child growth and development to assess community-wide effects of low-level exposure to toxic materials. L. M. Schell. At the International Congress on Hazardous Waste: Impact on Human and Ecological Health, Atlanta, GA., June 5-8.

Relationship between cigarette smoking and fat patterning in a sample of young women from NHANES-II. L.T. Barrett and L.M. Schell. At the 20th Annual Meetings of the Human Biology Council, Oakland, CA, March 28-29. *American Journal of Human Biology*. 7:117 (abstract).

Dietary assessment of socioeconomically disadvantaged pregnant women S. Czerwinski and L.M. Schell. At the 20th Annual Meetings of the Human Biology Council, Oakland, CA, *American Journal of Human Biology*. 7:121 (abstract).

1993 Maternal morphology and neonatal blood lead levels. S. A. Czerwinski, L. M. Schell, Stark AD and W. Grattan. At the 62nd annual meetings of the American Association of Physical Anthropologists, Toronto, Canada, April 14-17. *American Journal of Physical Anthropology*. 16:77-78 (abstract).

1992 Effects on size at birth from low lead exposure. L.M. Schell, Stark AD and M. Madan. At the 61st Annual Meeting of the American Association of Physical Anthropologists, April 1-4, Las Vegas, Nevada. *American Journal of Physical Anthropology*. Suppl. 14: 147-8 (abstract).

1992 Social support and birthweight in an urban, socioeconomically disadvantaged, biracial sample. J.



- Ravenscroft, L.M. Schell, and Stark AD. At the 18th Annual Meeting of the Human Biology Council, March 30-31, Las Vegas, Nevada. *American Journal of Human Biology*. 4:148 (abstract).
- 1991 Ethnic differences in maternal weight gain. G.K. Davidson, K. Damus, E. Graham, M. Hamburg and L.M. Schell. At the 16th Annual Meeting of the Human Biology Council, April 2-3, Milwaukee, Wisconsin. *American Journal of Human Biology*. 3:64 (abstract).
- 1990 Trends in blood lead among urban women during pregnancy. Stark AD and L. M. Schell. At the 23rd Annual Meeting of the Society for Epidemiologic Research, Snowbird, Utah, June 13-15.
- 1989 Maternal serum lead levels during pregnancy and their relationship to maternal anthropometry and ethnicity. L. M. Schell, Stark AD, and W.A. Grattan. At the 58th Annual Meeting of the American Association of Physical Anthropologists, San Diego, California, April 4-8. *American Journal of Physical Anthropology*. 78:297 (abstract).
- Relationship of cigarette smoking during pregnancy to other influences upon birthweight. P. Naamon, L. Schell and E. Hook. At the 58th Annual Meeting of the American Association of Physical Anthropologists, San Diego, California. April 4-8, *American Journal of Physical Anthropology*. 78:278 (abstract).
- Maternal cigarette smoking during pregnancy and reduced head circumference in the offspring. G. Davidson, L. Schell and E. Hook. At the 58th Annual Meeting of the American Association of Physical Anthropologists, San Diego, California. *American Journal of Physical Anthropology*. 78:210 (abstract).
- A comparison of birthweights of infants born to women with differing histories of cigarette smoking. D. Sanders, L. Schell, and E. Hook. At the 58th Annual Meeting of the American Association of Physical Anthropologists, San Diego, California. *American Journal of Physical Anthropology*. 78:295 (abstract).
- 1987 Effect on birthweight of mother's daily cigarette consumption during pregnancy and of trimesters of cigarette use. L. M. Schell, P. Naamon, J. H. Relethford, and E. B. Hook. At the 56th Annual Meeting of the American Association of Physical Anthropologists, New York, New York, April 5. *American Journal of Physical Anthropology*. 72:251 (abstract).
- 1986 Size at birth and patterns of cigarette use during pregnancy. L. M. Schell, E. B. Hook and P. Naamon. At the 55th Annual meeting of the American Association of Physical Anthropologists, Albuquerque, New Mexico, April 9-12. *American Journal of Physical Anthropology*. 69:262 (abstract).
- 1985 Anthropometry of children 6-11 years born to mothers who smoked during pregnancy. L. M. Schell, D. C. Hodges, and J. H. Relethford. At the 54<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Knoxville, Tennessee, April 12. *American Journal of Physical Anthropology*. 66:182 (abstract).
- Cigarette smoking during pregnancy and variation in size at birth. L. M. Schell and D. C. Hodges. At the 54<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Knoxville, Tennessee, April 12. *American Journal of Physical Anthropology*. 66:226 (abstract).
- Cigarette use during pregnancy and the anthropometry of offspring 6-11 years of age. L. M. Schell, J. H. Relethford, and D. C. Hodges. At the IV International Congress of Auxology, Montreal, Quebec, June 20. *Annals of Human Biology*. 12 (suppl.):52 (abstract).
- 1983 Anthropometry of children exposed to airport noise. L. M. Schell and R. J. Norelli. At the 52<sup>nd</sup>

- Annual Meeting of the American Association of Physical Anthropologists, Indianapolis, Indiana, April 5-11. *American Journal of Physical Anthropology*. 60:232 (abstract).
- 1982 The effect of chronic noise exposure on human prenatal growth. At the IIIrd International Congress of Auxology, August 23-30, Brussels, Belgium.
- 1981 Socioeconomic status and prenatal growth. At the 50<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Detroit, Michigan, April 22-25. *American Journal of Physical Anthropology*. 54:274 (abstract).
- 1980 Environmental noise and other factors in human postnatal growth. At the Annual Meeting of the American Association of Physical Anthropologists, Niagara Falls, New York, April 16-19. *American Journal of Physical Anthropology*. 52:277 (abstract).
- 1979 Environmental noise and other factors in human prenatal growth. At the Annual Meeting of the American Association of Physical Anthropologists, San Francisco, California. *American Journal of Physical Anthropology*. 50:479 (abstract).
- 1978 Asymmetry of body dimensions among white adolescent males. At the Annual Meeting of the American Association of Physical Anthropologists, Toronto, Canada, April 15-17. *American Journal of Physical Anthropology*. 48:435 (abstract).
- 1976 Study of albumin polymorphism among the Apache, Winnebago, Micmac Indians and the Baffin Islands Eskimos. L. M. Schell and S. S. Agarwal. At the Annual Meeting of the American Association of Physical Anthropologists, St. Louis, Missouri, April 15-17. *American Journal of Physical Anthropology*. 44:204 (abstract).
- 1975 Skeletal maturation in a longitudinal sample of children from the upper socio-economic level of Guatemala City. At the Annual Meeting of the American Association of Physical Anthropologists, Denver, Colorado, April 10-12. *American Journal of Physical Anthropology*. 42:327 (abstract).
- 1973 Tempest in a teapot: some problems associated with the critical weight hypothesis. F. E. Johnston and I. M. Schell. At the Annual Meeting of the American Association of Physical Anthropologists, Dallas, Texas, April 12-14. *American Journal of Physical Anthropology*. 40:141 (abstract).

## GRADUATE STUDENT SUPERVISION

Doctoral Committees (Anthropology Department unless noted otherwise):

### In progress:

Florence Lee (Chair); Elizabeth Holdsworth (Chair); Kyrie Nelder (Chair); Casey West (Chair); Erica Tyler (Chair); Alex Niclou (committee member); Jessica Somers (Committee member); Ajay Yesupryia (Committee member); Delisha Bella (Committee Member, Department of Environmental Sciences, School of Public Health).

### Completed as Chair:

Julia Ravenscroft, Ph.D. 2016. Environmental Contamination and the Transformation of Food Choice, Dietary Patterns, and Health in Adolescents from the Mohawk Nation at Akwesasne.

Christopher Lynn, Ph.D. 2009. Glossolalia Influences on Stress Response among Apostolic Pentecostals.

Mia Gallo, Ph.D. 2007. The Influence of Toxicants on Growth among Native American Adolescents of the Akwesasne Mohawk Nation.

11/5/2018

- Melinda Denham, Ph.D. 2005. Experiences of in vitro Fertilization Donor Egg Recipients; The Impact of Technology on Reproduction.
- Kristen Knutson, Ph.D. 2004. Sleep, Health and Socioeconomic Status among Adolescents of the National Longitudinal Study of Adolescent Health.
- Stefan Czerwinski, Ph.D. 1998. Determinants of Blood Lead Levels in Socioeconomically Disadvantaged Children from Birth to Two Years: A Biocultural Perspective.

Completed as Committee member:

- Samuel C. Byrne, Ph.D. 2016 (Department of Environmental Health Sciences) Exposure to Polychlorinated Diphenyl Ethers and Perfluoroalkyl Acids and Associations with Thyroid Function in a Remote Population of Alaska Natives.
- Jonathan Maupin, Ph.D. 2006 Jonathon N. Maupin (2006) Fruit of The Accords: Health Care reform, Decentralization, & Community Participation in Highland Guatemala.
- Mathew Taylor, Ph.D. 2006. Diachronic Changes in Hunter-gatherer Dental Health & Disease on the Texas Central Gulf Coastal Plain.
- Martin Solano Ph.D. 2006. The Life Stresses of Poverty: Skeletal & Historical Indicators of Activity Patterns in the Albany County Almshouse Skeletal Collection, 1825-1925
- Jackson Sekhobo, Ph.D. 2004. (Department of Epidemiology and Biostatistics) Comparisons of the body mass index (BMI) and bioelectrical impedance analysis (BIA) as measures of body composition in African American adults: The Pitt County Study.
- Audrey Choh, Ph.D. (2002) The Genetics of Obesity & Obesity Related Factors among Samoans.
- Gwynne Jenkins, Ph.D. (1999) The Bureaucratization of birth: Midwifery Programs, National Health Care, & Local Birth Conventions in Rural Costa Rica.
- Lynnette Leidy, Ph.D. (1991) The Timing of Menopause in Biological & Socio-cultural Context: A Lifespan Approach.
- Kim Lanphear, Ph.D. (1988) Health & Mortality in a Nineteenth Century Poorhouse Skeletal Sample.
- Denise Hodges, Ph.D. (1986) Agriculture Intensification & Prehistoric Health in the Valley of Oaxaca, Mexico.
- Forrest Tierson, Ph.D. (1982) Influences of Dietary Cravings & Aversions during Pregnancy on Maternal Diet & Pregnancy Outcome.
- Richard Norelli, Ph.D. (1982) Differential Mortality in Lower Mohawk Valley Community: Waterford, New York, 1790-1880.

Master's Degree Committees (Chaired 23 committees)

COURSES TAUGHT

Reproductive Epidemiology	Methods of Partnership Research
Research Methods	Bio-Medical Anthropology
The City and Human Health	Human Adaptation
Human Growth and Development	Human Variation
Human Biology	Introduction to Physical Anthropology
Culture, Environment and Health	Introduction to Anthropology

PROFESSIONAL MEMBERSHIP AND SERVICE ACTIVITIES:

Associations:

American Association for the Advancement of Science (Fellow)

American Anthropological Association  
American Association of Physical Anthropologists (1972-2008, 2016-2017)  
American Public Health Association (former member)  
Council of Colleges of Arts and Sciences (2002-2007)  
International Society for the Developmental Origins of Health and Disease  
Human Biology Association (Fellow)  
European Anthropological Association  
International Association of Physiological Anthropology (Executive Committee of the Council)  
International Association for Human Auxology, (Executive Committee)  
International Society for Environmental Epidemiology (former member)  
Society for the Study of Human Biology  
Society for Pediatric and Perinatal Epidemiologic Research (former member)

Editorial Boards:

Annals of Human Biology. 1997-  
American Journal of Human Biology. 1988-1997, 2002-  
Environmental Health and Preventive Medicine. 2006-  
Human Biology. 1985-1988  
Journal of Physiological Anthropology and Applied Human Science 2006-  
Man in the Northeast. 1985-1996  
Yearbook of Auxology (book series) 1997- 2002

Manuscript Reviews:

American Journal of Epidemiology  
American Journal of Physical Anthropology  
American Journal of Human Biology  
Annals of Human Biology  
Canadian Journal of Anthropology  
Chemosphere  
Collegium Antropologicum (Zagreb – Croatia)  
Economics and Human Biology  
Environmental Health Perspectives  
Environmental Health and Preventive Medicine  
Environmental Research  
Expert Reviews in Endocrinology & Metabolism  
Global Health Action  
Human Biology  
Human Reproduction  
International Journal of Obesity  
Journal of Developmental Origins of Health and Disease  
Journal of Physiological Anthropology (Japan)  
Journal of Policy Analysis  
Medical Anthropology Quarterly  
Pediatrics  
PLOS One  
Sleep  
Social Science and Medicine

Research Proposal Reviews:

Agency for Toxic Substances and Disease Registry

Birth Defects Foundation of the March of Dimes  
 Fogarty International Center  
 Agence Nationale de la Recherche (French National Research Agency, 2016)  
 Foundation for Polish Science (2018)  
 Fulbright Scholar Program (CIES, 2010, 2011)  
 Italian Ministry of Health, Scientific Research and Health Innovation (2014, 2015)  
 National Institutes of Health (Special Emphasis panels, most recently 2018)  
 National Science Foundation (most recently, 2017)

Other: Advisory Board (Chair), Children's Environmental Health Center, T. H. Chan School of Public Health, Harvard University. 2006-2007.  
 Mentor, JPB Environmental Health Fellowship Program, T. H. Chan School of Public Health, Harvard University. 2015-2018.

#### UNIVERSITY, COLLEGE AND DEPARTMENTAL SERVICE ACTIVITIES:

2017-2018	Public Engagement Council (University) CAS Public Engagement Advisory Committee (College) Graduate Committee, Department of Anthropology (Department)
2016-2017	Public Engagement Council (University) <i>Ad hoc</i> review committee, Undergraduate Research Fellowships (University) Faculty mentor, Department of Epidemiology and Biostatistics (Department) Graduate Committee, Department of Anthropology (Department)
2015-2016	Public Engagement Council (University) Public Engagement Awards Committee (University) <i>Ad hoc</i> review committee, Undergraduate Research Fellowships (University) Faculty mentor, Department of Epidemiology and Biostatistics (Department) Graduate Committee, Department of Anthropology (Department) Search Committee, All ranks position, Department of Anthropology (Department) Search Committee, Junior rank position, Department of Anthropology (Department)
2014-2015	Public Engagement Council (University) Search Committee, Africana Studies department (College) Advisory Committee, Center for Public Health Continuing Education, School of Public Health <i>Ad hoc</i> review committee, Presidential Initiatives Fund for Research and Scholarship (University) <i>Ad hoc</i> review committee, Undergraduate Research Fellowships (University) Faculty mentor, Department of Epidemiology and Biostatistics (Department) Graduate Committee, Department of Anthropology (Department)
2013-2014	University Senate University Planning and Policy Committee Campus Committee on University-Community Engagement (University) Review Committee for the President's Award for Excellence in Research and Creative Activities. University Review Committee for Community Engagement Awards Awards and Nominations Committee (Department) Review Committee for E. Andaya tenure (Department) Anthropology Department – Awards/Recognition Committee
2012-2013	University Senate University Planning and Policy Committee Campus Committee on University-Community Engagement (University)

	Visiting Speakers Committee Co-chair (Department)
2011-2012	Campus Committee on University-Community Engagement (University) Strategic Plan Implementation Work Group on Research (University) Albany Promise – Data committee (University/community)
	Anthropology Department Self-Study Committee Co-chair
2010-2011	Vice President for Research Search Committee Speakers Committee (Department)
2009-2010	Committee on Centers and Institutes of the Research Council (University) Committee to Assess Graduate Programs (University) Strategic Planning Committee (University) Vice President for Research Search Committee Awards and Nominations Committee <i>Chair</i> (Department)
2008-2009	Senator, University Senate Executive Committee, University Senate Research Council (University) <i>Chair</i> Graduate Affairs Committee (Department)
2007-2008	Senator, University Senate Executive Committee, University Senate Research Council (University) <i>Chair</i> Graduate Affairs Committee (Department)
2006-2007	Senator, University Senate Executive Committee, University Senate <i>1/2007</i> Research Council (University) <i>Chair 1/2007</i> Research Liaison Committee (9-12/06) Life Sciences Blue Ribbon Panel (College of Arts and Sciences) Graduate Affairs Committee (Department)
2005-2006	Senator, University Senate Research Council (University) Research Liaison Committee Life Sciences Blue Ribbon Panel (College of Arts and Sciences)
2004-2005	Senator, University Senate Research Council (University) Governance Committee Excellence in Research Evaluation Committee Search Committee: Associate Director, Division of Research <i>Ad hoc</i> Search Committee: Director, Northeast Regional Forensics Institute
2003-2004	Senator, University Senate Research Council (University)
1-9/2003	Senator, University Senate Research Council (University)
	College Council service precluded by Associate Dean position
9-12/2002	Senator, University Senate Research Council (University) College Council (College of Arts and Sciences) Personnel Committee- Promotion & Continuing Appointment (School of Public Health) Undergraduate Committee (Department of Anthropology)
2001-2002	Senator, University Senate Research Council (University) College Council (College of Arts and Sciences) Personnel Committee- Promotion & Continuing Appointment (School of Public Health) Awards & Honors Nomination Committee (Department of Anthropology)

2000-2001	<p>Senator, University Senate</p> <p>Research Council (University)</p> <p>Personnel Committee- Promotion &amp; Continuing Appointment (School of Public Health)</p> <p>Awards &amp; Honors Nomination Committee (Department of Anthropology)</p>
1999-2000	<p>Senator, University Senate</p> <p>Research Council (University)</p> <p>Personnel Committee- Promotion &amp; Continuing Appointment (School of Public Health)</p> <p>Awards &amp; Honors Nomination Committee (Department of Anthropology)</p>
1998-1999	<p>Chair, Search Committee for Chair of the Department of Biology (University)</p> <p>Personnel Committee- Promotion &amp; Continuing Appointment (School of Public Health)</p> <p>Awards &amp; Honors Nomination Committee (Department of Anthropology)</p>
1997-1998	<p>Chair, Search Committee for Chair of the Department of Biology (University)</p> <p>Doctoral Program Review Committee (University)</p> <p>Chair, Awards &amp; Honors Nomination Committee (Department of Anthropology)</p> <p>Advisory Committee, Center for International Health (School of Public Health)</p> <p>Member, Center for Minority Health (School of Public Health)</p>
1996-1997	<p>President's Long Range Resource Allocation Committee (University)</p> <p>Doctoral Program Review Committee (University)</p> <p>Chair, Awards &amp; Honors Nomination Committee (Department of Anthropology)</p> <p>Advisory Committee, Center for International Health (School of Public Health)</p> <p>Member, Center for Minority Health (School of Public Health)</p> <p>Academic Committee (Department of Epidemiology)</p>
1995-1996	<p>President's Long Range Resource Allocation Committee (University)</p> <p>Committee on External Research Linkages (University)</p> <p>Awards &amp; Honors Nomination Committee (Department of Anthropology)</p> <p>Academic Committee (Department of Epidemiology)</p>
1994-1995	<p>President's Long Range Resource Allocation Committee (University)</p> <p>Dean's Research Advisory Committee (College)</p> <p>Curriculum Committee (Department of Anthropology)</p>
1993-1994	<p>Diversity Committee (University)</p> <p>Human Biology major (College) - Co-director</p> <p>Sexual Harassment Advisor (College)</p> <p>Undergraduate Affairs and Curriculum Committee (Department of Anthropology)</p> <p>Academic Committee (Department of Epidemiology)</p>
1992-1993	<p>Human Biology major (University) - Co-director</p> <p>Graduate Committee (Department of Anthropology)- member</p> <p>Personnel Committee (Department of Epidemiology)- member</p> <p>Grievance Committee (College) - Convener as Associate Dean</p> <p>Academic Committee (College) - Convener as Associate Dean</p> <p>Computer Committee (College) - Convener as Associate Dean</p> <p>Research Committee (College) - Convener as Associate Dean</p> <p>Sexual Harassment Advisor (College)</p>
1991-1992	<p>Graduate Committee (Department of Anthropology)- member</p> <p>Personnel Committee (Department of Epidemiology)- member</p> <p>Grievance Committee (College) - Convener as Associate Dean</p> <p>Academic Committee (College) - Convener as Associate Dean</p> <p>Computer Committee (College) - Convener as Associate Dean</p> <p>Research Committee (College) - Convener as Associate Dean</p> <p>Human Biology major (College) - Faculty member</p> <p>Arts &amp; Sciences Curriculum Council - as Associate Dean</p>
1990-1991	<p>Personnel Committee (Chair) (Department of Epidemiology)</p>

1989-1990	Curriculum Committee (Department of Anthropology) Graduate Affairs Committee (Department of Anthropology) Search Committees (Department of Anthropology) Research Council (University) Committee on Research Incentives (Chair) (University)
1988-1989	Academic Council (School of Public Health) Search Committees (Department of Epidemiology) Visiting Speakers Committee (Department of Anthropology) Undergraduate Committee (Department of Anthropology) Faculty Associate Program (University)
1987-1988	Search Committee: Executive Vice President. Search Committee: Department of Epidemiology
1986-1987	Graduate Affairs Committee (Department of Anthropology). Committee on Medical Anthropology (Department of Anthropology). Invited Speakers Committee (Department of Anthropology). Computer Advisory Committee (College). Art Gallery Evaluation Committee (University). Council on Research, Subcommittee on Research Incentives (University). World Week Lecture Series (University). Academic Computer Advisory Committee (University). University Budget Panel.
1985-1986	Search Committees (Department of Anthropology). Undergraduate Affairs; Chair (Department of Anthropology). Committee on Medical Anthropology (Department of Anthropology). Invited Speakers Committee (Department of Anthropology). Computer Advisory Committee (College).
1984-1985	General Education Requirements Subcommittee (University). College Council. Committee on Medical Anthropology (Department of Anthropology). Invited Speakers Committee (Department of Anthropology).
1983-1984	Urban Affairs Committee (College). Graduate Affairs (Department of Anthropology). Summer Planning Conference (University). General Education Requirements Subcommittee (University). Pre-Health Professionals Advisory Committee (University). College Council. Academic Committee (College). Undergraduate Affairs (Department of Anthropology). Committee on Medical Anthropology (Department of Anthropology). Search Committees (Department of Anthropology). Invited Speakers Committee (Department of Anthropology).
1982-1983	Institutional Review Board (University). Urban Affairs Committee (College). Graduate Affairs (Department of Anthropology). Summer Planning Conference (University).
1981-1982	Institutional Review Board (University). Urban Affairs Committee (College). Graduate Affairs (Department of Anthropology).
1980-1981	Institutional Review Board (University). Urban Affairs Committee (College).



Graduate Affairs (Department of Anthropology).

11/5/2018

REFERENCES AVAILABLE UPON REQUEST.