

CURRICULUM VITAE

Hugo Santiago Azcorra Pérez, PhD

GENERAL INFORMATION

Place of birth: Valladolid, Yucatan, Mexico

Date of birth: April 6th, 1980

Email: hugoazpe@hotmail.com; hugo.azcorra@modelo.edu.mx

EDUCATION

PhD in Human Biology, 2013

Loughborough University, UK

MSc in Human Ecology, 2007

Human Ecology Department, CINVESTAV-Mexico

Bachelor's degree in Nutrition, 2004

Autonomous University of Yucatan, Mexico

ACADEMIC POSITIONS

Assistant Professor, 2018-present

Centro de Investigaciones Silvio Zavala, Universidad Modelo
Merida, Yucatan, Mexico

Visiting Professor, 2016-2018

Human Ecology Department, CINVESTAV-Mexico

Postdoctoral Fellow, 2014-2016

Human Ecology Department, CINVESTAV-Mexico

PROFESSIONAL MEMBERSHIPS

2015-present

National System of Researchers (SNI Level I). National Council of Science,
Humanities and Technology (CONACYT) of Mexico.

2018-present

Human Biology Association.

RESEARCH INTERESTS

- Nutritional ecology.
- Physical growth.

- Intergenerational influences and early developmental factors on health and diseases during postnatal life.

PEER-REVIEWED ARTICLES, for further details see

<https://scholar.google.com/citations?user=0XexXQUAAAAJ&hl=es>

https://www.researchgate.net/profile/Hugo_Azcorra/publications

- 2020 Mendez-Dominguez N, Vázquez-Vázquez GG, Laviada-Molina HA, Inurreta-Díaz MJ, Fajardo-Ruiz LS, **Azcorra H**. Cephalopelvic disproportion as primary diagnosis for cesarean section: Role of neonatal weight birthweight in relation to maternal height at a Hospital in Merida, Mexico. *American Journal of Human Biology*, 2020;e23463.
- 2020 **Azcorra H**. The association of sex of co-twin and birth size in twins born in Yucatan, Mexico between 2008 and 2017. *Annals of Human Biology*, 47(3), 250-255.
- 2020 Datta-Banik S, **Azcorra H**, Dickinson F. A comparative study of estimated age at menarche using different methods among girls from Merida, Mexico. *Anthropologie*, 58(1), 17-24.
- 2020 Sanchez-Escobedo S, **Azcorra H**, Bogin B, Hoogesteijn, Samano R, Varela-Silva MI, Dickinson F. Birth weight, birth order, and age at first food introduction influence child growth and body composition in 6 to 8-year-old Maya children: the importance of the first 1000 days of life. *American Journal of Human Biology*, 2020;e23385.
- 2019 Cauich-Viñas P, **Azcorra H**, Rodríguez L, Datta Banik S, Varela-Silva MI, Dickinson F. Body mass index in mother and child dyads and its association with household size and parents' education in two urban settings of Yucatan, Mexico. *Food and Nutrition Bulletin*, 40(3):383-392.
- 2019 Vazquez-Gomez A, Ávila-Escalante ML, **Azcorra H**, Varela-Silva MI, Dickinson F. Body proportionality and adiposity are not related in 6 to 8-year-old Yucatec Maya children. *American Journal of Human Biology*, 31(4):e23254.
- 2019 **Azcorra H**, Rodríguez L, Datta Banik S, Bogin B, Varela-Silva MI, Dickinson F. Caesarean birth and adiposity parameters in 6-to-8 year old urban Maya children from two cities of Yucatan, Mexico. *American Journal of Human Biology*, 31(2):e23217.

- 2018 **Azcorra H**, Méndez N. The influence of maternal height on offspring's birth weight in Merida, Mexico. *American Journal of Human Biology* 30(6):e23162.
- 2018 **Azcorra H**, Rodriguez L, Datta Banik S, Bogin B, Dickinson F, Varela-Silva M I. Living conditions and change in age menarche in adult Maya mothers and daughter from Yucatan, Mexico. *American Journal of Human Biology* 30(2):e23087.
- 2017 **Azcorra H**, Vázquez-Vázquez A, Méndez N, Salazar-Rendón JC, Munguía M, Datta Banik S. Birth Seasonality in Yucatan, Mexico. *Human Ecology* 45(3):409-415.
- 2016 **Azcorra H**, Dickinson F, Datta Banik S. Maternal height and its relationship to offspring birth weight and adiposity in 6- to 10-year-old Maya children from poor neighbourhoods in Merida, Yucatan. *American Journal of Physical Anthropology* 161(4):571-571.
- 2016 **Azcorra H**, Vázquez-Vazquez A, Mendez N, Salazar JC, Mendez N, Datta-Banik S. Maternal Maya ancestry and birth weight in Yucatan, Mexico. *American Journal of Human Biology* 28(3):436-439.
- 2015 Mendez N, The Late Mario Barrera-Pérez, Palma-Solis M, Zavala-Castro J, Dickinson F, **Azcorra H**, Prelip M. Ethnicity and income impact on BMI and stature of school children living in urban southern Mexico. *Journal of Biosocial Science* 48(2):143-157.
- 2015 **Azcorra H**, Rodríguez L, Varela-Silva MI, Datta Banik S, Dickinson F. Intergenerational changes in knee height among Maya mothers and their adult daughters from Merida, Mexico. *American Journal of Human Biology* 27(6):792-797.
- 2015 **Azcorra H**, Dickinson F, Bogin B, Rodriguez L, Varela-Silva MI. Intergenerational influences on the growth of Maya Children: The effect of living conditions experienced by mothers and maternal grandmothers during their childhood. *American Journal of Human Biology* 27(4):494-500.
- 2014 Data Banik S, **Azcorra H**, Valentin G, Falfan I, Dickinson F. Height, weight and body mass index by age and sex in children aged 4 to 6 years in Merida, Mexico, as compared to international references

after normalization with LMS. *Collegium Antropologicum* 38(4):1163-1169.

- 2014 Bogin B, **Azcorra H**, Wilson H, Vázquez-Vázquez A, Avila M L, Castillo-Burguete M T, Varela-Silva I, Dickinson F. Globalization and children's diets: The case of Maya of Mexico and Central America. *Anthropological Review* 77(1):11-32.
- 2013 Vázquez-Vázquez A, **Azcorra H**, Falfán I, Argáez J, Kantun D, Dickinson F. Effects of Maya ancestry and environmental variables on knee height and body proportionality in growing individuals in Merida, Yucatan. *American Journal of Human Biology* 25(5):586-593.
- 2013 **Azcorra H**, Varela-Silva M I, Rodríguez L, Bogin B, Dickinson F. Nutritional status of Maya children, their mothers, and their grandmothers residing in the city of Merida, Mexico: revisiting the leg-length hypothesis. *American Journal of Human Biology* 25(5):659-665.
- 2013 Vázquez-Vázquez A, **Azcorra H**, Falfán I, Dickinson F. Variation in height and knee height in adolescents in Merida, Mexico, by head of household employment level and family income. *Journal of Biosocial Science* 45:391-403.
- 2012 Data Banik S, **Azcorra H**, Valentin G, Bogin B, Dickinson F. Estimation of stature from upper arm length in children aged 4.0 to 6.92 y in Merida, Yucatan. *Indian Journal of Pediatrics* 79:640-646.
- 2012 Varela-Silva M I, Dickinson F, Wilson H, **Azcorra H**, Griffiths P L, Bogin B. The nutritional dual-burden in developing countries – How is it assessed and what are the health implications? *Collegium Antropologicum* 36(1):39-45.
- 2011 Wilson H, Dickinson F, Griffiths P L, **Azcorra H**, Bogin B, Varela-Silva M I. How useful is BMI in predicting adiposity indicators in a sample of Maya children and women with high levels of stunting and short stature? *American Journal of Human Biology* 23(6):780-789.
- 2009 Varela-Silva M I, **Azcorra H**, Dickinson F, Bogin B, Frisancho A. Influence of maternal stature, pregnant age, and infant birth weight on growth during childhood in Yucatan, Mexico: A test of the intergenerational effects hypothesis. *American Journal of Human Biology* 21(5):657-663.

2009 **Azcorra H**, Dickinson F, Rothenberg S J. Family migration and physical growth in Merida, Yucatan, Mexico. *American Journal of Human Biology* 21(3):398-400. Artículo derivado de la tesis de maestría del Dr. Azcorra.

PEER-REVIEWED ARTICLES PUBLISHED IN OTHER JOURNALS

- 2018 Aguilar-Vargas E, **Azcorra H**, Novelo-Pérez JP, Gómez-Carro S, Méndez-Domínguez N. Descripción de la variación estacional en la mortalidad materna de México y el estado de Yucatán 2002-2016. *Ginecología y Obstetricia de México* 86(10):640-649.
- 2018 Dickinson F, **Azcorra H**, Datta Banik S, Valentín G, Bogin B, Varela-Silva MI. ¿Hijo de tigre, pintito? Algunos efectos intergeneracionales sobre la talla y el peso en niños mayas yucatecos. *EntreDiversidades. Revista de Ciencias Sociales y Humanidades* 1(10):189-208.
- 2018 Salazar-Rendón JC, **Azcorra H**, Méndez N. Asociación entre el sobrepeso con el rendimiento académico en estudiantes de secundaria de la ciudad de Mérida, México. *Boletín del Hospital Infantil de México* 75(2):94-103.
- 2017 Méndez-Domínguez N, **Azcorra H**. Obesidad en escolares e índice cintura-estatura. *Revista Chilena de Pediatría* 88(1):188-189.
- 2016 **Azcorra H**, Salazar JC, Vázquez-Vázquez A. Crecimiento y estado nutricional de escolares de tres comunidades de Yucatán, México. *Archivos Latinoamericanos de Nutrición* 66(2):135-141.
- 2014 **Azcorra H**, Wilson H, Bogin B, Varela-Silva I, Vázquez-Vázquez A, Dickinson F. Dietetic characteristics of a sample of Mayan dual burden households in Merida, Yucatan, Mexico. *Archivos Latinoamericanos de Nutrición* 63(3):209-217.
- 2011 **Azcorra H** y Dickinson F. Migración familiar y crecimiento infantil en una zona urbana pobre de Mérida, Yucatán, México. *Sur de México* 1(1):45-55.
- 2009 **Azcorra H**, Dickinson F, Vera M, Pérez P, Rothenberg S. Efecto de la fiebre sobre la estatura de niños de 4 a 6 años en colonias pobres

de la ciudad de Mérida, Yucatán. *Estudios de Antropología Biológica XIV(I):205-222.*

LETTERS TO EDITOR

- 2016 Méndez-Domínguez N, Azcorra H. Obesidad en escolares e índice cintura-estatura. *Revista Chilena de Pediatría.*
<http://dx.doi.org/10.1016/j.rchipe.2016.07.004>

PEER-REVIEWED CHAPTER BOOKS

- 2020 **Azcorra H**, Dickinson F. Introduction. In: **Azcorra H**, Dickinson F (editors). *Culture, environment and health in the Yucatan Peninsula. A human ecology perspective.* Springer.
- 2020 Bogin B, Avila-Escalante ML, Castillo-Burguete MT, **Azcorra H**, Dickinson F. Globalization and children's diets: The case of Yucatan, Mexico. In: **Azcorra H**, Dickinson F (editors). *Culture, environment and health in the Yucatan Peninsula. A human ecology perspective.* Springer.
- 2020 Varela-Silva MI, Sanchez S, Bogin B, Dickinson F, **Azcorra H**. Growth stunting and low-for-age in the Yucatan Peninsula. In: **Azcorra H**, Dickinson F (editors). *Culture, environment and health in the Yucatan Peninsula. A human ecology perspective.* Springer.
- 2020 **Azcorra H**, Bogin B, Varela-Silva I, Dickinson F. The urban Maya from Yucatan; dealing with the biological burden of the past and a degenerative present. In: **Azcorra H**, Dickinson F (editors). *Culture, environment and health in the Yucatan Peninsula. A human ecology perspective.* Springer.
- 2020 Dickinson F, **Azcorra H**. Conclusions. In: **Azcorra H**, Dickinson F (editors). *Culture, environment and health in the Yucatan Peninsula. A human ecology perspective.* Springer.
- 2018 Bogin B, Dickinson F, **Azcorra H**, Jiménez-Balam D, Richardson S, Castillo-Burguete T, Ávila-Escalante ML, Varela-Silva MI. Nutritional Ecology. In: Callan H, (editor) *The International Encyclopedia of Anthropology.* Wiley Blackwell.

- 2010 **Azcorra H**, Valentín G, Vázquez-Vázquez A, Dickinson F. Growth status in children and adolescents in Yucatan, Mexico: A human ecology perspective. In: Miranda Pirex I, Gibert M, Hens L, (editors), *Studies in Human Ecology. Liber Amicorum C. Susanne, M. Nazareth, Ph. Lefevre-Witier*. International Centre for Human Ecology, Ha Noi 2010, pp. 121-138.

PEER-REVIEWED BOOKS

- 2020 **Azcorra H**, Dickinson F (editors). *Culture, environment and health in the Yucatan Peninsula. A human ecology perspective*. Springer.

SCIENTIFIC DISSEMINATION

- 2014 Azcorra H, Dickinson F. Living conditions. In: Varela-Silva MI and The Maya Project Team. 2014. *The Maya: A living culture of the 21st century*. Lamplight Press. Loughborough, United Kingdom.

PRESENTATIONS AND PUBLISHED ABSTRACTS

- 2018 Varela-Silva MI, Sogut M, Mansukoski L, Millan-Fernandez L, Revillo SM, **Azcorra H**, Dickinson F, Sánchez S, Bogin B. Effects of stunting on body composition, biological age, and muscle strength of Maya and Ladino children in Guatemala. *43th Annual Meeting of the Human Biology Association*. Austin, Texas, USA, Apr 11-12, 2018.
- 2018 **Azcorra H**, Rodriguez L, Datta Banik S, Bogin B, Varela-Silva MI, Dickinson F. Caesarean birth and adiposity parameters in 6-to 8 year-old urban Maya children from two cities of Yucatan, Mexico. *87th Annual Meeting of the American Association of Physical Anthropologists*. Austin, Texas, USA, Apr 11-14, 2018.
- 2018 **Azcorra H**, Dickinson F, Vázquez-Vázquez A. Does maternal grandmother influence grandchildren's dietary intake in poor urban environments? *43th Annual Meeting of the Human Biology Association*. Austin, Texas, USA, Apr 11-12, 2018.
- 2017 **Azcorra H**, Datta Banik S, Bogin B, Varela-Silva MI. Estado nutricional de población maya urbana de Yucatán. Aportes recientes al conocimiento científico. *Coloquio Internacional de Antropología Física "Juan Comas"*. Asociación Mexicana de Antropología Biológica. Morelia, Michoacán, MEX, Oct 15-20, 2017.

- 2015 **Azcorra H**, Dickinson F, Datta-Banik S. A study on birth weight among the Maya from Yucatan, Mexico. *40th Annual Meeting of the Human Biology Association*. St Louis, Missouri, USA, Mar 25-26, 2015.
- 2013 Varela-Silva M I, Wilson H, **Azcorra H**, Griffiths P, Bogin B, Dickinson F. Impact of activity levels, early life events and maternal factors on the nutritional status of Maya children in Yucatán. *38th Annual Meeting of the Human Biology Association*. Knoxville, Tennessee, USA, Apr 10-11, 2013.
- 2013 **Azcorra H**, Varela-Silva M I, Dickinson F. The urban Mayas from Yucatan; dealing with the biological burden of the past and a degenerative present. Anthropometric and socioeconomic data of three generations. *38th Annual Meeting of the Human Biology Association*. Knoxville, Tennessee, USA, Apr 10-11, 2013.
- 2011 Wilson H, Dickinson F, Griffiths P, **Azcorra H**, Bogin B, Vázquez-Vázquez A, Tut-Be J, Varela-Silva M I. Resting metabolic rate explains the relationship between stunting and overweight/obesity in a sample of urban Maya children. *Annual Symposium of the Society for the Study of Human Biology*. Cambridge, UK, Dec 13-15, 2011.
- 2011 Varela-Silva MI, Dickinson F, Wilson HJ, **Azcorra H**, Vázquez-Vázquez A, Tut Be JL. Conducting research among the Maya in the Yucatan: how training component can take us a long way. *36th Annual Meeting of the Human Biology Association*. Minneapolis, Minnesota, USA, Apr 13-14, 2011.
- 2011 Wilson HJ, Dickinson F, Griffiths P, **Azcorra H**, Bogin B, Vázquez-Vázquez A, Tut Be JL, Varela-Silva MI. Intergenerational influence on children's fat indicators in 7-9 year-old Mexican Mayans. *36th Annual Meeting of the Human Biology Association*. Minneapolis, Minnesota, USA, Apr 13-14, 2011.
- 2011 Vázquez A, **Azcorra H**, Falfán I, Dickinson F. Variaciones en crecimiento de jóvenes residentes Mérida, México, por clase social e ingreso familiar. *XVII Congreso de la Sociedad Española de Antropología Física*. Barcelona, Spain, Jun 2-4, 2011.
- 2011 Dickinson F, Falfán I, Vázquez A, Tut-Be J, **Azcorra H**, Wilson H, Bogin B, Varela-Silva M I. Doble carga en un grupo de madres e hijos de origen maya residentes en Mérida, México. *XVII Congreso de la Sociedad Española de Antropología Física*. Barcelona, Spain, Jun 2-4, 2011.

- 2011 Vázquez-Vázquez A, **Azcorra H**, Falfán I, Dickinson F. Talla y alto de rodilla de mujeres y hombres de 16 y 17 años en condiciones socioeconómicas adversas residentes en Mérida, México. *XII International Congress of Auxology*. México City, Sep 5-9, 2011.
- 2010 Datta Banik S, **Azcorra H**, Dickinson F, Valentin G, López-Falfán I. Normalization of height, weight and body mass index with age through LMS in children aged 4 to 6 years in Merida, Mexico, and comparison with standard reference for estimating growth and nutritional levels. *XI Congreso de la Asociación Latinoamericana de Antropología Biológica*. Asociación Latinoamericana de Antropología Biológica. Bogotá, Colombia, Oct 21-24, 2010.
- 2009 Dickinson F, **Azcorra H**, López-Falfán S, Vázquez-Vázquez A, Higuera-Zazueta R, Andrade-Olalde A. Prevalencia de sobrepeso y obesidad y talla baja en individuos de 9 a 17 años de edad en escuelas privadas de Mérida, México. *XVI Congreso de la Sociedad Española de Antropología Física*. Alcalá de Henares, Spain, Jul 6-9, 2009.
- 2009 Higuera Zazueta R, **Azcorra H**, Vázquez-Vázquez A, Dickinson F. Ingesta de calcio (Ca) en un grupo de adolescentes de Mérida, México. *XV Coloquio Internacional de Antropología Física "Juan Comas"*. Asociación Mexicana de Antropología Biológica.
- 2009 **Azcorra H**, Dickinson F. The growth status of a sample of immigrants and natives preschoolers in a poor urban environment in Yucatan, Mexico. *International Conference on Human Ecology*. Manchester, UK, Jun 29-Jul 3, 2009.
- 2008 Dickinson F, **Azcorra H**, Valentin G. Health implications of migration for Mexican children and adolescents. *77th Annual Meeting of the American Association of Physical Anthropologists*. Columbus, Ohio, USA, Apr 9-12, 2008.
- 2007 **Azcorra H**, Pérez P, Vera M, Dickinson F, Rothenberg S J. Efecto de la fiebre sobre la estatura de niños de 4 a 6 años en colonias pobres de la ciudad de Mérida, Yucatán. *XIV Coloquio Internacional de Antropología Física "Juan Comas"*. Asociación Mexicana de Antropología Biológica. San Cristóbal de las Casas, Chiapas, MEX, Nov 11-16, 2007.