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EDUCATION

- March 2023 - Present** **University of California, Santa Barbara**
Postdoctoral Fellow
Project: The Microchimerism, Human Health and Evolution Project
Advisor: Amy Boddy, Ph.D.
- March 2023** **University of California, Los Angeles**
Ph.D., Biological Anthropology
Dissertation: Environmental, Biological, and Cultural Influences on Health and Behavior
Advisor: Abigail Bigham, Ph.D.
- May 2017** **Oklahoma State University**
M.S., Psychology
Thesis: Human Life History Strategies: Calibrated to External or Internal Cues?
Advisors: Aaron Lukaszewski, Ph.D. & Jennifer Byrd-Craven, Ph.D.
- June 2013** **University of California, Los Angeles**
B.S., Psychobiology

PUBLICATIONS

Peer-Reviewed Journals

- † **Chua, K. J.**, † Knorr, D., *Jimenez, J., *Rojas, V., *Francia, A., *Garcia, J. I., & Fox, M. (in press). What do your neighbors think about you? How perceived neighborhood attitudes towards Latinos influence mental health among a pregnant Latina cohort. *Journal of Racial and Ethnic Disparities*.
†both authors contributed equally.
- Wiley, K.S., Knorr, K., **Chua, K. J.**, Garcia, S. & Fox, M. (2023). Sociopolitical stressors are associated with psychological distress in a cohort of Latina women during early pregnancy. *Journal of Community Psychology*.
- Hotez, E., **Chua, K.J.**, Samras, N., Smith, A.M., & Kuo, A. (2023). Preliminary pilot testing of social determinants of health screening for individuals with intellectual and developmental disabilities. *Med-Peds. Cureus*. 15(5). e38541.
- Manson, J. H., **Chua, K. J.**, Rodriguez, N., Barlev, M., Durkee, P., & Lukaszewski, A. (2022). Sex differences in fearful personality traits are mediated by physical strength. *Social Psychological and Personality Science*, 19485506221094086.
- Hanudel, M., Czaya, B., Wong, S., Jung, G., **Chua, K.**, Qiao, B., Gabayan, V., & Ganz, T. (2022). Renoprotective effects of ferric citrate in a mouse model of chronic kidney disease. *Scientific Reports*, 12(1), 1-10.
- Chua, K. J.**, Manson, J. H., & Lukaszewski, A. (2021). Do early life experiences predict variation in the general factor of personality (GFP)? *Adaptive Human Behavior and Physiology*, 1-24.
- Brown, M., **Chua, K. J.**, & Lukaszewski, A. W. (2020). Formidability and socioeconomic status uniquely predict endorsement of binding and individualizing moral foundations. *Journal of Personality and Individual Differences*, 168, 110284
- Chua, K. J.**, Lukaszewski, A. W., & Manson, J. (2020). Sex-specific effects of harsh childhood environment on psychometrically assessed life history strategy: No mediation through developmental timing or embodied capital. *Adaptive Human Behavior and Physiology*. 6(3), 307-333.
- Sangkhae, V., Fisher, A. L., **Chua, K.**, Ruchala, P., Ganz, T., & Nemeth, E. (2020). Maternal hepcidin determines embryo iron homeostasis. *Blood*, 136(19), 2206-2216.

10. Manson, J. H., **Chua, K. J.**, & Lukaszewski, A. W. (2020). The structure of the Mini-K and K-SF-42: A Psychological network approach. *Human Nature*, *31*, 322-340.
11. Hanudel, M.R., Eisenga, M.F., Rapport, M., **Chua, K.**, Qiao, B., Jung, G., ... & van Zanden, J., J. (2018). Effects of erythropoietin on fibroblast growth factor 23 in mice and humans. *Nephrology Dialysis Transplantation*. *34*(12), 2057-2065
12. Hanudel, M.R., Rapport, M., **Chua, K.**, Gabayan, V., Qiao, B., Jung, G., ... & Nemeth, E. (2018). Levels of the erythropoietin-responsive hormone erythroferrone in mice and humans with chronic kidney disease. *Haematologica*, *103*(4), e141-e142.
13. Clauss, N., Byrd-Craven, J., & Kennison, S. M., & **Chua, K. J.** (2017). The roles of mothers' partner satisfaction and mother-infant communication duration in mother-infant adrenocortical attunement. *Adaptive Human Behavior and Physiology*, 1-17.
14. Khorramian, E., Fung, E., **Chua, K.**, Gabayan, V., Ganz, T., Nemeth, E., & Kim, A. (2017). In a mouse model of sepsis, hepcidin ablation ameliorates anemia more effectively than iron and erythropoietin treatment. *Shock*, *48*(4), 490-497.
15. **Chua, K. J.**, Lukaszewski, A. W., Grant, D. M., & Sng, O. Human life history strategies: Calibrated to external or internal cues? (2017). *Evolutionary Psychology*, *15*(1), 1-16.
16. Hanudel, M.R., **Chua, K.**, Rapport, M., Gabayan, V., Valore, E., Goltzman, D., Ganz, T., Nemeth, E., & Salusky, I.B. (2016). Effects of dietary iron intake and chronic kidney disease on fibroblast growth factor 23 metabolism in wild type and hepcidin knockout mice. *American Journal of Physiology - Renal Physiology*, *311*(6), F1369-F1377.
17. Dunkel, C., Lukaszewski, A. W., & **Chua, K.** (2016). Effect of life history strategy and sex on attachment style. *Journal of Personality and Individual Differences*, *98*, 176-178.
18. **Chua, K.**, Fung, E., Micewicz, E., Ganz, T., Nemeth, E., & Ruchala, P. (2015). Small cyclic agonist of iron regulatory hormone hepcidin. *Bioorganic & Medicinal Chemistry Letters*, *25*(21), 4961-4969.
19. Fung, E., **Chua, K.**, Ganz, T., Nemeth, E., & Ruchala, P. (2015). Thiol-derivatized minihepcidins retain biological activity. *Bioorganic & Medicinal Chemistry Letters*, *25*(4), 763-766.

Encyclopedia Entries

1. **Chua, K. J.** & Manson, J. (2020). Absence prior to puberty. In *Encyclopedia of Evolutionary Psychological Science*. https://doi.org/10.1007/978-3-319-16999-6_2037-1
2. **Chua, K. J.** (2016). Stress reactivity. In *Encyclopedia of Evolutionary Psychological Science*. doi:10.1007/978-3-319-16999-6_1921-1.

PAPERS UNDER REVIEW & IN PREPARATION

*Denotes undergraduate students under my mentorship

1. Hotez, E., Yang, G., **Chua, K. J.**, Smith, A., Lee, C., Weimer, A., & Delgado, D. (under review). Preliminary pilot-testing of intimate partner violence screening for transgender and gender non-conforming (TGNC) individuals in Med-Peds. *Med-Peds Cureus*.
2. **Chua, K. J.**, *Pamonag, Z., Francisco, L. L., Asuncion, J. G., & Bigham, A. W. (in prep). Maternal socio-political threat and fetal development among pregnant Filipina women.
3. **Chua, K. J.**, Parmeggiani, C., Torno, N., & Boddy, A. (in prep). Comparative analysis of preterm birth across mammals.

GRANTS & FELLOWSHIPS (selected)

1. Dissertation Fieldwork Grant, Wenner-Gren Foundation, 2023 (\$24,859) – declined
2. Dissertation Year Fellowship, UCLA, 2022-2023 (\$20,000)
3. Dean's Fund for the Study of Diversity and Racial Inequality, 2021 – 2022 (\$5,000)
4. Charles F. Scott Fellowship, 2021 – 2022 (\$20,000)
5. Institute of American Cultures – Chicano/a Studies, 2021 – 2022 (\$6,900)
6. Robert B. Edgerton Award, 2020 - 2021 (\$10,000)
7. Dr. Ursula Mandel Fellowship, 2019 - 2020 (\$15,000)
8. Foreign Language and Area Studies Fellowship, Summer 2019 (\$5,000)
9. Graduate Research Mentorship Fellowship, 2018 - 2019 (\$20,000)

10. Graduate Summer Research Mentorship Fellowship, 2018 - 2019 (\$12,000)
11. Otto S. Cox Graduate Fellowship for Genetics Research, 2016 (\$1,000)
12. Oklahoma State University Top Tier Fellowship, 2015-2016 (\$5,000)

AWARDS & HONORS (selected)

1. Intersections Science Fellows Symposium (ISFS) Associate, 2023
2. Distinguished TA Award, UCLA Finalist, 2022
3. Honorable Mention, Ford Foundation Fellowship Predoctoral Competition, 2019
4. Dolores Zohrab Liebmann Fellowship, UCLA Campus Finalist, 2018 - 2019; 2019 - 2020
5. Oklahoma State University Graduate Research Excellence Award, 2017
6. Best Poster Award, HBES 2016
7. Honorable Mention, National Science Foundation Graduate Research Fellowships Program, 2016
8. Oklahoma State University Research Week Graduate Student Poster Presentation Award 1st place, 2016
9. UCLA Scholarship Recognition Award, 2009 - 2010 (\$10,500)

ORGANIZED SYMPOSIA & WORKSHOPS

1. *UCSB Center for Health Equity Roundtable* (2023, June). Roundtable Event. UCSB Division of Social Sciences, the Institute for Social, Behavioral, and Economic Research. Santa Barbara, CA.
2. **Chua, K. J.**, Espinosa, U., Knorr, D., Samore, T., Smith, A. M., & Winkler, S. (2022, August). *The Meaning of Race: Conversations about Evolution, Biology, and Culture*. Education Workshop. UCLA Center for Behavior, Evolution, and Culture & Center X (UCLA Science Project). Los Angeles, CA.
3. **Chua, K. J.**, Espinosa, U., Florkiewicz, B., Smith, A. M., Erut, A., Winkler, S., Samore, T., & Knorr, D. (2021, April). *Community Involvement & Representation(s) in Biological Anthropology*. Roundtable Event. UCLA Center for Behavior, Evolution, and Culture. Virtual Meeting.

INVITED TALKS (selected)

1. **Chua, K.J.** (2023, October, forthcoming). Stress and stressors: Exploring sociopolitical and sociocultural concepts of mental health in communities of color. Arkansas Psychological Association Fall Conference. CE Accreditation. Lyon College, Batesville, AR.
2. **Chua, K. J.** (2023, April). Using evolutionary and biocultural perspectives in the study of human pregnancy in diverse communities. Behavior, Evolution, and Culture Speaker Series. University of California, Los Angeles, Los Angeles, CA.
3. **Chua, K. J.**, Knorr, D., & Fox, M. (2020, October). *The role of individual and subjective neighborhood cultural identity and ethnic attitudes in maternal mental health in a pregnant Latina population*. Annual meeting of the Population Centers of the University of California Event, "Race and Inequality: A Collaborative UCPop Event," Virtual Meeting.
4. **Chua, K. J.** (2020, March). Epigenetics of maternal-fetal programming in pregnancy. Center of Social Human Nature. California State University Fullerton, Fullerton, CA.
5. **Chua, K. J.** (2019, July). Conducting research in the Philippines and basic quantitative approaches. 1st Graduate Lecture Series in Advanced Biology, Mariano Marcos State University, Batac City, Philippines.

CONFERENCE PRESENTATIONS (selected)

*Denotes undergraduate students under my mentorship

1. **Chua, K. J.**, Pamonag, Z.*, Francisco, L. L., Asuncion, J. G., Bigham, A. W. (2023, April). *Culture-bound attitudes surrounding Philippine politics, health, and stress in pregnant Filipina women*. Oral presentation at the annual meeting of the American Association of Biological Anthropologists, Reno, NV.
2. **Chua, K. J.**, Knorr, D. A., *Jimenez, J., *Rojas, V., *Francia, A., *Garcia, J. I., & Fox, M. M. (2021, March). *The role of individual and subjective neighborhood socio-cultural identity and ethnic attitudes in maternal mental health in a pregnant Latina population*. Poster presented at the annual meeting of the Human Biology Association. Virtual Meeting.
3. Wiley, K. S., **Chua, K. J.**, Knorr, D. A., & Fox, M. M. (2021, March). *Sociopolitical stressors and maternal mental health in the first trimester among a pregnant Latina population*. Poster presented at the annual meeting of the Human Biology Association. Virtual Meeting.

4. Zhang*, A., **Chua, K. J.**, & Manson, J. (2019, May). *Is the big five actually the big one? Assessing the existence of a general factor of personality in the five factor model*. Poster presented at the UCLA Research Poster Day, Los Angeles, CA.
Note: Selected as Dean's Prize Science Award Finalist & Winner of the UCLA Library Grant
5. **Chua, K. J.**, Lukaszewski, A. W., & Manson, J. (2019, May). *Sex-specific effects of harsh childhood environment on psychometrically assessed life history strategy: No mediation through developmental timing or embodied capital*. Poster presented at the annual meeting Human and Behavior and Evolution Society, Boston, MA.
6. **Chua, K. J.**, Lukaszewski, A. W., & Manson, J. (2019, April). *Life insurance risk rating as a valid measure of human mortality risk and life history strategy*. Poster presented at the annual meeting of the California Workshop on Evolutionary Social Sciences, Fullerton, CA
7. **Chua, K. J.** & Lukaszewski, A. W. (2017, May). *Functional coordination of human personality with socioecology and condition-dependent components of embodied capital*. Oral presentation at the annual meeting Human and Behavior and Evolution Society, Boise, ID.
8. Clauss, N., **Chua, K. J.**, Byrd-Craven, J., & Kennison, S. (2017, April). *The association between family dynamics, talking, and mother-infant adrenocorticoid synchrony*. Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.
9. Pixley*, L. D., **Chua, K. J.**, Franzmann*, T. K., Mitchener*, A F., & Byrd-Craven, J. (2017, March). *Cyclothymic tendencies and locus of control as explained by Life History Theory*. Poster presented at the annual meeting Southwestern Psychological Association, San Antonio, TX.
Note: Selected as Undergraduate Student Competition Poster Finalist
10. **Chua, K. J.**, Lukaszewski, A., & Sng, O. (2016, June). *Human life history strategies: Calibrated to external or internal cues?* Poster presented at the annual meeting Human and Behavior and Evolution Society, Vancouver, Canada.
Note: Winner of the Poster Award
11. Ingram*, E., **Chua, K. J.**, & Lukaszewski, A. (2016, April). *Music Preference as an Indicator of Reproductive Strategy*. Poster presented at the OSU Wentz Research Presentation, Stillwater, OK.
Note: OSU Wentz research grant recipient
12. **Chua, K. J.**, Lukaszewski, A., & Sng, O. (2016, February). *Life history symptoms influenced by adverse environments and physical health status*. Poster presented at OSU Research Symposium, Stillwater, OK.
Note: 1st Place winner of the Graduate Student Poster Presentation Award
13. Hanudel, M.R., **Chua, K.**, Gabayan, V., Nemeth, E., Wesseling-Perry, K., Ganz, T., & Salusky, I.B. (2015, November). *Iron status affects FGF23 levels in mice with chronic kidney disease*. Oral presentation at the annual meeting of the American Society of Nephrology, Philadelphia, PA.
Note: Selected as One of the Top Abstracts by Junior Investigators

TEACHING EXPERIENCE

University of California, Los Angeles | Los Angeles, CA

Summer 2022	Lecturer Human Evolution
Fall 2021	Graduate Teaching Assistant The Evolution of Human Sexual Behavior
Spring 2021, Spring 2023	Lead Graduate Teaching Assistant Societal and Medical Issues in Human Genetics
Winter 2021	Graduate Teaching Assistant Communication Science
Fall 2020	Graduate Teaching Assistant Archaeology: Introduction
Spring 2020	Graduate Teaching Assistant Human Evolution
Winter 2020, Winter 2021	Graduate Teaching Assistant Genes, Disease, and Culture
Fall 2019	Graduate Teaching Assistant Molecular Anthropology

Oklahoma State University | Stillwater, OK

2016 – 2017	Lecturer Introductory to Psychology
2016 - 2017	Graduate Teaching Assistant Psychology of Prejudice and Discrimination
Summer 2016	Graduate Student Summer Instructor Summer Science Academy: Exploring the Scientific Basis of Human & Animal Behavior

RESEARCH EXPERIENCE

2023 - present	Postdoctoral Fellow Cancer Biology and Microchimerism Lab <i>Supervisor:</i> Amy Boddy, Ph.D. Department of Anthropology University of California, Santa Barbara Santa Barbara, CA
2022 – 2023	Project Manager American College of Preventative Medicine <i>Supervisor:</i> Emily Hotez, Ph.D. Department of Medicine University of California, Los Angeles Los Angeles, CA
2021 – 2023	Graduate Researcher Center for Behavior, Evolution, and Culture; Bigham Lab for Anthropological Genomics <i>Advisor:</i> Abigail Bigham, Ph.D. Department of Anthropology University of California, Los Angeles Los Angeles, CA
2017 – 2021	Graduate Researcher & Lab Safety Officer Biological Anthropology of Motherhood Lab <i>Advisor:</i> Molly Fox Ph.D. Department of Anthropology University of California, Los Angeles Los Angeles, CA
2010 - 2015	Staff Research Associate Center for Iron Disorders <i>Supervisors:</i> Tomas Ganz, M.D., Ph.D. & Elizabeta Nemeth, Ph.D. Department of Medicine University of California, Los Angeles Los Angeles, CA

MENTORSHIP & SERVICE

2020 - present	Biological Anthropology Diversity, Equity, & Inclusion Working Group, UCLA
2021	Mentor for Grad Strive Mentoring Program, UCLA
2018 - 2023	Pilipino American Graduate Student Association (PAGaSA) at UCLA Member, UCLA
2021	Biological Anthropology DEI Working Group Graduate Student Moderator for Community Involvement & Representation(s) in Biological Anthropology Roundtable Event, UCLA
2020 - 2021	Social Science Interdepartmental Program Inclusive Teaching Initiative, UCLA
2020 - 2021	Race and Anthropology Interest Group Discussion Leader, UCLA
2016 - 2017	Graduate and Professional Student Government Association Representative, OSU
2015 – 2017	Psychology Diversified Students Program Coordinator, OSU
2010 – 2015	Treasurer for Society of St. Vincent de Paul, UCLA

Ad hoc Reviewer

Evolutionary Psychological Sciences	Social Science & Medicine (co-reviewer)
Psychoneuroendocrinology (co-reviewer)	

COMPUTER & QUANTITATIVE SKILLS

SPSS/ AMOS/ MPlus/ R Statistics and Biostatistics	Data Visualization
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MEMBERSHIPS

1. International Society for Evolution, Medicine & Public Health
2. American Association of Biological Anthropologists
3. Human Biology Association
4. Human Behavior and Evolution Society