

Adrian S.Z. Chase

Curriculum Vitae – August 2022

Email: aszchase@uchicago.edu
aszchase@post.harvard.edu

ORCID: [0000-0002-2114-2193](https://orcid.org/0000-0002-2114-2193)

Education

- 2021 Ph.D. Anthropology (focus in Archaeology), Arizona State University, Tempe, AZ
Dissertation: [Urban Structure and Governance at Caracol, Belize](#)
Committee: Michael E. Smith, Ben Nelson, Abigail York, Matthew A. Peeples
- 2014 M.A. Anthropology (focus in Archaeology), Arizona State University, Tempe, AZ
- 2012 B.A. Anthropology and Computer Science, Harvard University, Cambridge, MA
Combined Thesis: [Beyond Elite Control: Water Management at Caracol, Belize](#).
Honors and *cum laude* in both Anthropology and Computer Science

Academic Positions

- 2022-2024 Mansueto Institute Postdoctoral Fellow and Department of Anthropology Postdoctoral Scholar, The University of Chicago, Chicago, IL, USA
- 2021-2022 Research Fellow, Advanced GIS Lab, Center for Information Systems & Technology, Claremont Graduate University, Claremont, CA, USA

Primary Research Interests and Areas

Themes: Anthropological Archaeology, Method, Theory, and Ethics; Landscape Archaeology and Human-Environment Interaction; Complex Adaptive Systems; Urbanism, Inequality, and Governance

Methods: Fieldwork, Laboratory and Computational Analysis; Social Network Analysis, Agent-Based Modeling, Geographic Information Systems, Algorithms, and Lidar

Regions: Maya, Mesoamerica

Fellowships and Grants: External Support

- 2019 Cluster of Excellence ROOTS at Kiel University
Travel to present a paper in the ROOTS conference and workshop on inequality (2.134,94 €)
- 2018-2019 NSF Dissertation Improvement Grant (NSF#1822230)
Dissertation Research on Urbansim (involving archaeological excavation) at Caracol, Belize (\$16,261)
- 2012-2017 NSF Graduate Research Fellowship
3 years of graduate tuition and stipend (used Fall '14 through Spring '17)

- 2014 Oak Ridge National Labs, Higher Education Research Experiences Fellowship with the Geographic Information Science and Technology group (10 weeks June-August)
- 2013 Oak Ridge National Labs, Higher Education Research Experiences Fellowship with the Geographic Information Science and Technology group (10 weeks June-August)
- 2012 Oak Ridge National Labs, Higher Education Research Experiences Fellowship with the Geographic Information Science and Technology group (10 weeks June-August)

Fellowships and Grants: Institutional Support

- 2021 George Cowgill Teotihuacan Research Award (\$1000)
- 2021 ASU University Graduate Fellowship
1 credit of graduate tuition for enrollment and health insurance (\$2,770)
- 2019-2020 SHESC Completion Fellowship
1 year of graduate tuition and stipend (\$18,061)
- 2018 SHESC Travel Grant
round trip airfare to the 2018 BAS (\$950.57)
- 2012-2016 ASU Graduate Research and Teaching Fellowship
4 years of graduate tuition and stipend (only Fall '12 – Spring '14 used due to NSF GRFP)

Peer Reviewed Publications

available at <https://caracol.org/drs-chase/publications/>

- in prep **Adrian S.Z. Chase**, Amy E. Thompson, John P. Walden, and Gary M. Feinman. Understanding and Calculating Household Size, Wealth, and Inequality in the Maya Lowlands. *to be submitted to Ancient Mesoamerica*
- in review **Adrian S.Z. Chase**. Reconstructing and Testing Neighborhoods at the ancient Maya city of Caracol, Belize. *to be submitted to the Journal of Anthropological Archaeology*
- in review Lucas R. Martindale Johnson and **Adrian S.Z. Chase**. Examining Flaked Stone from Caracol, Belize at the Urban Scale. In *The Urban Question: Interdisciplinary Approaches to Investigating the Ancient Mesoamerican City*, edited by Lisa Johnson and Arianna Campiani. *to be submitted to University of Utah Press*
- in review Amy E. Thompson, John P. Walden, **Adrian S.Z. Chase**, Scott R. Hutson, Damien B. Marken, Bernadette Cap, Eric C. Fries, M. Rodrigo Guzman Piedrasanta, Timothy S. Hare, Sherman W. Horn III, George J. Micheletti, Shane M. Montgomery, Jessica Munson, Heather Richards-Rissetto, Kyle Shaw-Müller, Traci Ardren, Jaime J. Awe, M. Kathryn Brown, Michael Callaghan, Claire E. Ebert, Anabel Ford, Rafael A. Guerra, Julie A. Hoggarth, Brigitte Kovacevich, John M. Morris, Holley Moyes, Terry G. Powis, Jason Yaeger, Brett A. Houk, Keith M. Prufer, Arlen F. Chase, and Diane Z. Chase. Ancient Lowland Maya Neighborhoods: Average Nearest Neighbor Analysis and Kernel Density Models, Environments, and Urban Scale. *submitted to PLoS ONE*

- in press 2023 Arlen F. Chase, Diane Z. Chase, and **Adrian S.Z. Chase**. A Decade Later: The Impact of Caracol LiDAR Surveys on Archaeological Interpretation in the Maya Area. In *Lowland Maya Settlement Patterns in the Age of Lidar*, edited by Marcello Canuto and Francisco Estrada-Belli. Publication 74. Middle American Research Institute, New Orleans.
- in press 2022 **Adrian S.Z. Chase**. Urban Planning at Caracol, Belize: Governance, Residential Autonomy, and Heterarchical Management through Time. In *Building an Archaeology of Lowland Maya Urbanism: Planning and Flexibility in Tropical Cities*, edited by Damien B. Marken and M. Charlotte Arnaud. University Press of Colorado, Louisville.
- in press 2022 **Adrian S.Z. Chase**. Urban Levels at Caracol, Belize: Understanding the Relationships between the Plazuela, the Neighborhood, the District, the City, and the Polity at Caracol, Belize. In *Sociopolitical Integration in Prehispanic Neighborhoods*, edited by John Walden and Gabriella Cervantes Quequezana. University of Pittsburg Press, Pittsburg.
- 2022 Arlen F. Chase, Diane Z. Chase, and **Adrian S.Z. Chase**. Caracol, Belize and Tikal, Guatemala: Ancient Maya Human-Nature Relationships and their Socio-Political Context. In *Sustainability and Water Management in the Maya World and Beyond*, edited by Jean T. Larmon, Lisa J. Lucero, and Fred Valdez, Jr, pp. 143-170. University Press of Colorado, Louisville. [link](#)
- 2021 Nawa Sugiyama, Saburo Sugiyama, Tanya Catignani, **Adrian S.Z. Chase**, and Juan Carlos Fernandez-Diaz. Humans as geomorphic agents: Lidar Detection of the past, present and future of the Teotihuacan Valley, Mexico. *PLoS ONE* 16(9):e0257550. DOI: [10.1371/journal.pone.0257550](https://doi.org/10.1371/journal.pone.0257550)
- 2020 Arlen F. Chase, Diane Z. Chase, John M. Morris, Jaime J. Awe, and **Adrian S.Z. Chase**. Archaeology and Heritage Management in the Maya Area: History and Practice at Caracol, Belize. *Heritage*, 3(2):436-456. DOI: [10.3390/heritage3020026](https://doi.org/10.3390/heritage3020026)
- 2020 **Adrian S.Z. Chase** and Jonathan Paige. Local Chert Reduction, Maintenance, and Toolmaking: Terminal Classic Chert Use at Nohmul, Belize. *Research Reports in Belizean Archaeology*, 17:67-79. [link](#)
- 2020 **Adrian S.Z. Chase**, Arlen F. Chase, and Diane Z. Chase. Ethics, New Colonialism, and Lidar Data: A Decade of Lidar in Mesoamerica. *Journal of Computer Applications in Archaeology*, 3(1):51-62. DOI: [10.5334/jcaa.43](https://doi.org/10.5334/jcaa.43)
- 2020 Arlen F. Chase, Diane Z. Chase, and **Adrian S.Z. Chase**. The Maya City of Caracol, Belize: The integration of an anthropogenic landscape. In *The Maya World*, edited by Scott R. Hutson and Traci Ardren, pp. 344-363. Routledge, New York. [link](#)
- 2020 Diane Z. Chase, Arlen F. Chase, and **Adrian S.Z. Chase**. Caracol's Impact on the Landscape of the Classic Period Maya: Urbanism and Complex Interaction in a Tropical Environment. In *Approaches to Monumental Landscapes of the Ancient Maya*, edited by Brett A. Houk, Barbara Arroyo, and Terry G. Powis, pp. 109-130. University Press of Florida, Gainesville. DOI: [10.5744/florida/9780813066226.003.0006](https://doi.org/10.5744/florida/9780813066226.003.0006)
- 2019 **Adrian S.Z. Chase**. Water Management Among the Ancient Maya: Degrees of Latitude, *Research Reports in Belizean Archaeology*, 16:101-109. [link](#)

- 2019 **Adrian S.Z. Chase** and Rudolf Cesaretti. Diversity in Ancient Maya Water Management Strategies and Landscapes at Caracol, Belize and Tikal, Guatemala. *WIREs Water* e1332. DOI: [10.1002/wat2.1332](https://doi.org/10.1002/wat2.1332)
- 2018 **Adrian S.Z. Chase**, Diane Z. Chase, and Arlen F. Chase. Situating Preclassic Interments and Fire-pits at Santa Rita Corozal, Belize, *Research Reports in Belizean Archaeology*, 15:159-167. [link](#)
- 2017 **Adrian S.Z. Chase**. Residential Inequality Among the Ancient Maya: Operationalizing Household Architectural Volume at Caracol, Belize, *Research Reports in Belizean Archaeology*, 14:31-39. [link](#)
- 2017 **Adrian S.Z. Chase**, Diane Z. Chase, and Arlen F. Chase. LiDAR for Archaeological Research and the Study of Historical Landscapes, In *Sensing the Past: From artifact to historic site*, edited by Francesco Soldovieri and Nicola Masini, pp. 89-100. Springer, New York. DOI: [10.1007/978-3-319-50518-3_4](https://doi.org/10.1007/978-3-319-50518-3_4)
- 2016 **Adrian S.Z. Chase** and John F. Weishampel. Using LiDAR and GIS to Investigate Water and Soil Management in the Agricultural Terracing at Caracol, Belize, *Advances in Archaeological Practice*, 4(3):357-370. DOI: [10.7183/2326-3768.4.3.357](https://doi.org/10.7183/2326-3768.4.3.357)
- 2016 **Adrian S.Z. Chase**. Beyond elite control: residential reservoirs at Caracol, Belize, *WIREs Water* 2016. DOI: [10.1002/wat2.1171](https://doi.org/10.1002/wat2.1171)
- 2016 **Adrian S.Z. Chase**. Districting and Urban Services at Caracol, Belize: Intra-site Boundaries in an Evolving Maya Cityscape, *Research Reports in Belizean Archaeology*, 13:15-28. [link](#)
- 2015 Arlen F. Chase, Diane Z. Chase, Richard Terry, Jacob M. Horlacher, and **Adrian S.Z. Chase**, Markets Among the Ancient Maya: The Case of Caracol, Belize. In *The Ancient Maya Marketplace: The Archaeology of Transient Space*, edited by E. King, pp. 226-250. University of Arizona Press, Tucson. [link](#)
- 2015 **Adrian S.Z. Chase** and Aubrey M.Z. Chase. Ceramic Standardization and the Domestic Economy of the Ancient Maya: Belize Red Tripod Plates at Caracol, Belize, *Research Reports in Belizean Archaeology*, 12:65-76. [link](#)
- 2014 Aaron Myers, Sunil Movva, Rajasekar Karthik, Budhendra Bhaduri, Devin White, Neil Thomas, and **Adrian S.Z. Chase**. BioenergyKDF: enabling spatiotemporal data synthesis and research collaboration. *Proceedings of the 22nd ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems* 2014:479-500. DOI: [10.1145/2666310.2666488](https://doi.org/10.1145/2666310.2666488)
- 2014 Ben A. Nelson, **Adrian S.Z. Chase**, and Michelle Hegmon. Comparative Landscapes: Transformative Relocation in the American Southwest and Mesoamerica. *Archaeological Papers of the American Anthropological Association*, 24(1):171-182. DOI: [10.1111/apaa.12036](https://doi.org/10.1111/apaa.12036)

Invited Conference Presentations

- 2022 Aug “The Importance of Neighborhoods to Being an Ancient Maya Urbanite” *Being Maya: Identity, Ontology, Agency*, Santa Fe Institute. Santa Fe, New Mexico, USA. (Adrian S.Z. Chase), **Presentation & Working Group**
- 2022 May “Urbanization of the Vaca Plateau: Caracol the city, “hinterlands”, and polity” *Beyond Cities: A comparative approach to ancient urban hinterlands*, Mansueto Institute for Urban Innovation. Chicago, Illinois, USA (Adrian S.Z. Chase), **Presentation & Workshop**
- 2022 April “Archaeological Population Studies in Mesoamerica” *Amerind Foundation Seminar: Ancient Mesoamerican Population*. Amerind. Dragoon, Arizona, USA (Arlen F. Chase, Diane Z. Chase, and Adrian S.Z. Chase), **Presentation & Workshop**
- 2022 April “Population History for Caracol, Belize: Numbers, Complexity, and Urbanism” *Amerind Foundation Seminar: Ancient Mesoamerican Population*. Amerind. Dragoon, Arizona, USA (Adrian S.Z. Chase, Elyse D.Z. Chase, Diane Z. Chase, and Arlen F. Chase), **Presentation & Workshop**
- 2021 June “Lidar and Landscape: Changed Perspectives on the Maya Past” *Earth Archive Conference*. Zoom digital conference (Arlen F. Chase, Adrian S.Z. Chase, and Diane Z. Chase), **Presentation**
- 2020 April “Lidar and the Archaeology of Caracol, Belize: Ten Years After” *LiDAR: Research, Protection, and Conservation of Archaeological Heritage in the 21st Century*, Getty Research Institute. Zoom digital conference due to COVID-19 (Arlen F. Chase, Diane Z. Chase, and Adrian S.Z. Chase), **Presentation**
- 2019 Oct “Intra-site inequality within Caracol, Belize: A district-level analysis of residences inside a garden city” *Quantifying Social Inequalities – New Proxies, New Methods: Possibilities and Limitations to Determine Social Inequalities in Archaeological Contexts*, ROOTS - Cluster of Excellence: Subcluster ROOTS of Inequalities. Kiel, Germany (Adrian S.Z. Chase), **Presentation & Workshop**
- 2018 Dec “The Impact of Caracol LiDAR on Mesoamerican Archaeology a Decade Later” *Paris Dialogue on Archaeological Lidar*. Paris, France (Arlen F. Chase, Diane Z. Chase, and Adrian S.Z. Chase), **Presentation**
- 2018 Aug “Maya Demography and Urban Models” *Settlement Scaling and the Challenge of Maya Low-Density Urbanism*, Santa Fe Institute. Santa Fe, New Mexico, USA. (Adrian S.Z. Chase), **Presentation & Workshop**

Contributed Conference Presentations

*(indicates upcoming events)

AAA – American Anthropological Association
BAS/BAAS – Belize Archaeology (and Anthropology) Symposium
CAA – Computer Applications and Quantitative Methods in Archaeology
SAA – Society for American Archaeology

- *2024 April *TBD in "The Center and the Edge": The Archaeology of Belize and its Implications for Understanding Maya Prehistory. 89th SAA. New Orleans, Louisiana, USA (Adrian S.Z. Chase), Presentation*
- *2023 April “Common Misperceptions about Ancient Maya Agriculture” 87th SAA. Portland, Oregon, USA (Adrian S.Z. Chase), Presentation
- 2022 June “Transformation, Growth, and Governance at Caracol, Belize” 18th BAS. San Ignacio, Belize (Adrian S.Z. Chase), **Presentation**
- 2022 April “Urban Development in Settlement, Infrastructure, and Governance: Diachronic Changes at the City of Caracol, Belize” 87th SAA. Chicago, Illinois, USA. (Adrian S.Z. Chase), **Presentation**
- 2022 April “Dynasties, Bureaucracies, and Governance among the Late Classic Maya: Caracol and Its Peers” 87th SAA. Chicago, Illinois, USA. (Arlen F. Chase, Diane Z. Chase, and Adrian S.Z. Chase), **Presentation**
- 2022 April “Identifying Ancient Neighborhoods at Caracol, Belize: Landscape Analyses and the Archaeological Record” 87th SAA. Chicago, Illinois, USA. (Diane Z. Chase, Arlen F. Chase, and Adrian S.Z. Chase), **Presentation**
- 2022 April “Household Size, Wealth, and Inequality in the Maya Lowlands” Session at the 87th SAA. Chicago, Illinois, USA. (Adrian S.Z. Chase), **Discussant**
- 2021 April “Reconstructing and Testing Ancient Neighborhoods at Caracol, Belize” 86th SAA. Zoom digital conference due to COVID-19 (Adrian S.Z. Chase), **Presentation**
- 2021 April “Population Estimation in Ancient Mesoamerica: Retrospective and Prospective” 86th SAA. Zoom digital conference due to COVID-19 (Arlen F. Chase, Diane Z. Chase, and Adrian S.Z. Chase), **Presentation**
- 2021 April “Population History for Caracol, Belize: Numbers, Complexity, and Urbanism” 86th SAA. Zoom digital conference due to COVID-19 (Elyse D.Z. Chase, Adrian S.Z. Chase, Diane Z. Chase, and Arlen F. Chase), **Presentation**
- 2021 April “Examining Flaked Stone from Caracol, Belize at the Urban Scale” 86th SAA. Zoom digital conference due to COVID-19 (Lucas M. Johnson and Adrian S.Z. Chase), **Presentation**
- 2021 April “Neighborhoods, Districts, and Intra-Urban Boundaries at Caracol, Belize” 86th SAA. Zoom digital conference due to COVID-19 (Adrian S.Z. Chase), **Lightning Round**

- 2019 Nov “Inequality within the Garden City: A district-level analysis of plazuela groups at Caracol, Belize” 2nd Arizona Southwest Mesoamerica Conference. Flagstaff, Arizona, USA (Adrian S.Z. Chase), **Presentation**
- 2019 June “Local Chert Reduction, Maintenance, and Toolmaking: Terminal Classic Chert Use at Nohmul, Belize” 17th BAS. San Ignacio, Belize (Adrian S.Z. Chase and Jon Paige), **Presentation**
- 2019 June “Inequality within a Maya Garden City: District-level Analysis at Caracol, Belize” 16th BAS. San Ignacio, Belize (Adrian S.Z. Chase), **Poster**
- 2019 June “A Decade Later: The Impact of Caracol LiDAR Surveys on Archaeological Interpretation in the Maya Area.” XI Congreso Internacional de Mayistas, Chetumal, Mexico (Arlen F. Chase, Diane Z. Chase, and Adrian S.Z. Chase), **Paper**
- 2019 April “Uncovering a Globalized Past with the Connections Project: Highlighting challenges associated with exploring long-distance interaction between the Southwest US and Mexico” 84th SAA. Albuquerque, New Mexico, USA (Brooke Hundtoft, Christopher W. Schwartz, and Adrian S.Z. Chase), **Presentation**
- 2019 April “Ancient Maya Sustainability at Caracol, Belize: Implications for the Past and Future” 84th SAA. Albuquerque, New Mexico, USA (Arlen F. Chase, Diane Z. Chase, and Adrian S.Z. Chase), **Electronic Session**
- 2019 April “Water Management at Caracol, Belize” 84th SAA. Albuquerque, NM, USA (Adrian S.Z. Chase), **Lightning Round**
- 2019 April “Challenges in Digital and Virtual Ethics with LiDAR Data” 84th SAA. Albuquerque, New Mexico, USA (Adrian S.Z. Chase), **Forum Discussant**
- 2019 April “District-level inequality at a Maya city: Intra-site inequality at Caracol, Belize” 84th SAA. Albuquerque, New Mexico, USA (Adrian S.Z. Chase), **Poster**
- 2018 Dec “Updates on projects worldwide” Paris Dialogue on Archaeological Lidar. Paris, France (Adrian S.Z. Chase), **Panelist**
- 2018 Dec “Urbanism at Caracol, Belize” 1st Arizona Southwest Mesoamerica Conference. Tempe, Arizona, USA (Adrian S.Z. Chase), **Presentation**
- 2018 June “Water Management among the Ancient Maya: Degrees of Latitude” 15th BAS. San Ignacio, Belize (Adrian S.Z. Chase), **Presentation**
- 2018 April “Understanding Infrastructural Power, Collective Action, and Urban Form: Situating Neighborhoods and Districts at Caracol, Belize” 83rd SAA. Washington, D.C., USA (Adrian S.Z. Chase), **Presentation**
- 2018 April “Methods of LiDAR Mapping in Urban Landscapes: Introducing the Teotihuacan LiDAR Map” 83rd SAA. Washington, D.C., USA (Nawa Sugiyama, Saburo Sugiyama, Adrian S.Z. Chase, Tanya Catignani, and Taylor Gibson), **Presentation**
- 2018 April “LiDAR Use in Virtual and Digital Ethics” 83rd SAA. Washington, D.C., USA (Adrian S.Z. Chase), **Forum Discussant**

- 2017 June “Situating Preclassic Interments at Santa Rita Corozal, Belize” 14th BAS. San Ignacio, Belize (Adrian S.Z. Chase), **Presentation**
- 2017 June “Nohmul Chert” 14th BAS. San Ignacio, Belize (Adrian S.Z. Chase & Jon Paige), **Poster**
- 2017 April “Terminal Classic Chert Use at Nohmul, Belize” 82nd SAA. Vancouver, Canada (Adrian S.Z. Chase and Jon Paige), **Poster**
- 2017 March “Erasing the Garden City: Interpolation of Architectural Volume from LiDAR derived DEMs” 45th CAA. Atlanta, Georgia, USA (Adrian S.Z. Chase), **Presentation**
- 2016 June “Operationalizing the Inequality of Household Architecture at Caracol, Belize” 14th BAAS. San Ignacio, Belize (Adrian S.Z. Chase), **Presentation**
- 2016 April “Heterarchical Entanglement: The Complexity of Maya Water Management” 81st SAA. Orlando, Florida, USA (Adrian S.Z. Chase), **Presentation**
- 2016 April “LiDAR at Caracol,” 81st SAA. Orlando, Florida, USA (Adrian S.Z. Chase), **Forum Discussion**
- 2015 July “Districting and Urban Services at Caracol, Belize: Intrasite Boundaries in an Evolving Maya Cityscape” 13rd BAAS. San Ignacio, Belize (Adrian S.Z. Chase), **Presentation**
- 2015 April “Residential Architecture at Caracol, Belize: Conjoined Buildings and Distributed Space,” 80th SAA. San Francisco, California, USA (Adrian S.Z. Chase, Arlen F. Chase, and Diane Z. Chase), **Presentation**
- 2014 Nov “Bioenergy KDF: Enabling Spatiotemporal Data Synthesis and Research Collaboration,” 22nd ACM SIGSPATIAL. Dallas, Texas, USA (Aaron Myers, Sunil Movva, Rajasekar Karthik, Budhendra Bhaduri, Devin White, Neil Thomas, and Adrian S.Z. Chase), **Paper**
- 2014 July “Ceramic Standardization and the Domestic Economy of the Ancient Maya,” 12th BAAS. San Ignacio, Belize (Adrian S.Z. Chase and Aubrey M.Z. Chase), **Presentation**
- 2014 April “Water Capture and Agricultural Terracing at Caracol, Belize as revealed through the 2009 LiDAR Campaign,” 79th SAA. Austin, Texas, USA (Adrian S.Z. Chase, John F. Weishampel, and Diane Z. Chase), **Presentation**
- 2013 Nov “Water at Caracol, Belize: the Use and Construction of Non-centralized Resources in an Urban Maya Landscape,” Maya Water Management Workshop, iGLOBES. Tucson, Arizona, USA (Adrian S.Z. Chase), **Presentation**
- 2012 April “Beyond Elite Control: Maya Classic Period Water Management at Caracol, Belize,” 77th SAA. Memphis, Tennessee, USA (Adrian S.Z. Chase), **Poster**
- 2011 Nov “Comparative Landscapes: Resilience, Rigidity, and Past Dependence in the American Southwest and Mesoamerica,” 110th AAA. Montréal, Canada (Ben A. Nelson, Adrian S.Z. Chase, and Michelle Hegmon), **Presentation**

Organized Sessions and Workshops	*(indicates upcoming sessions)
2022 April	“Ancient Mesoamerican Population History” Amerind Foundation, Dragoon AZ. Organizers: Arlen F. Chase, Diane Z. Chase, Adrian S.Z. Chase . Selected by the Amerind based on 2021 SAA session for an Advanced Seminar.
2022 April	“Household Size, Wealth, and Inequality in the Maya Lowlands” Session at the 87 th SAA. Chicago, Illinois, USA. Organizers: Adrian S.Z. Chase and Amy E. Thompson
2021 April	“People and Space: Defining Communities and Neighborhoods with Social Network Analysis” Session at the 86 th SAA. San Francisco, California, USA. Zoom digital conference due to COVID-19. Organizers: Adrian S.Z. Chase , April Kamp-Whittaker
2021 April	“Multiscalar Approaches to Extrapolating Sociopolitical Boundaries in the Maya Lowlands” Session at the 86 th SAA. San Francisco, California, USA. Zoom digital conference due to COVID-19. Organizers: Amy E. Thompson, John P. Walden, and Adrian S.Z. Chase
2021 April	“Ancient Mesoamerican Population History: Demography, Social Complexity, and Change” Session at the 86 th SAA. San Francisco, California, USA. Zoom digital conference due to COVID-19. Organizers: Arlen F. Chase, Diane Z. Chase, and Adrian S.Z. Chase
2017 March	“Urbanism at the micro, meso and macro scales: Advances in computational and quantitative methods to study cities and their built environments” Session at the 45 th CAA. Atlanta, Georgia, USA. Organizers: Eleftheria Paliou, Adrian S.Z. Chase

Fieldwork	*(indicates upcoming fieldwork)
2021, 2022	No field research due to high COVID-19 levels in Belize (CDC level 4 rating)
2020	Lab and Field Director. (3 weeks in March). Caracol Archaeological Project, Cayo District, Belize . PIs, Dr. Arlen Chase (Pomona College) & Dr. Diane Chase (Claremont Graduate University) <i>Household investigations in Ace neighborhood south of Puchituk</i>
2019	Lab and Field Director. (9 weeks in January-March). Caracol Archaeological Project, Cayo District, Belize . PIs, Drs. Arlen & Diane Chase (University of Nevada, Las Vegas) <i>NSF Dissertation Improvement Grant (#1822230) household investigation in Ace neighborhood east of Puchituk</i>
2018	Lab and Field Director. (9 weeks in January-March). Caracol Archaeological Project, Cayo District, Belize . PIs, Drs. Arlen & Diane Chase (University of Nevada, Las Vegas) <i>Residential group investigations in Chak neighborhood west of Puchituk Terminus</i>
2017	Field Supervisor. (8 weeks in January-March). Caracol Archaeological Project, Cayo District, Belize . PIs, Drs. Arlen & Diane Chase (University of Nevada, Las Vegas) <i>Supervising excavation of household architecture north of Caracol’s epicenter</i>
2016	GIS Specialist. (3 weeks in July-August). Proyecto Plaza de las Columnas, Teotihuacan, Mexico . PIs, Drs. Nawa Sugiyama (George Mason) & Saburo Sugiyama (Arizona State

University / Aichi Prefectural University) *Excavation at Frente C and GIS work on the Teotihuacan LiDAR*

- 2016 Field Supervisor. (8 weeks in January-March). Caracol Archaeological Project, Cayo District, **Belize**. PIs, Drs. Arlen & Diane Chase (University of Central Florida) *Excavation of large architecture: eastern structure C117G and western structure C207G*
- 2011 Survey Assistant. (5 weeks in June-July). Hibemerdon Tepe Survey Project, Diyarbakir Province, **Turkey**. PI, Dr. Jason Ur (Harvard University) *Survey with GPS points for ceramic and lithic collections and georectification of satellite imagery*
- 2011 Field Supervisor. (8 weeks in January-March). Caracol Archaeological Project, Cayo District, **Belize**. PIs, Drs. Arlen & Diane Chase (University of Central Florida) *Excavation of the eastern structure in the C179 plazuela group*
- 2009 Field Assistant. (5 weeks in June-July). ÉI Proyecto Chichén Itza, Yucatán, **Mexico**. PI, Dr. Rafael Cobos (Universidad Autónoma de Yucatán) *Excavation at elite residential compound 2D6*

Published Datasets

- 2020 Structure 20 and 9 chert data from Corozal Postclassic Project 1978 and 1979 excavations of Nohmul, Belize. Adrian Chase, Jonathan Paige. 2019 (tDAR id: 455196); DOI: [10.6067/XCV8455196](https://doi.org/10.6067/XCV8455196)

Technical Reports

- 2019, 2020 co-author of Caracol Archaeological Project season reports. Online at www.caracol.org
- 2017 Nawa Sugiyama, **Adrian S.Z. Chase**, Tanya Catignani, Taylor Gibson, and Omar Rodriguez, “Capítulo 14. LiDAR”, Proyecto Complejo Plaza de las Columnas

Teaching Experience

- 2018 Autumn Co-Instructor – “Cities and Empires in Ancient Mesoamerica” – Osher Lifelong Learning Institute at Arizona State University (with Michael E. Smith and Angela Huster)
- 2017 Autumn Teaching Assistant – “ASB 223: Aztec, Incas and Mayas” – Arizona State University (for Christopher Moreheart)

Museum Curation

- 2010 Spring (12 weeks January-May) Student Curator. Spying on the Past: Revealing the Invisible, **Peabody Museum of Archaeology and Ethnology**, Harvard University. Exhibit Organizers, Ilisa Barbash, Adam Stack, and Jason Ur. *Created an exhibit on use of corona satellite imagery to study transhumance and nomads.*

Professional Film/Video Appearances

- 2022 *Fall of the Maya Kings*. LGI Media, 52 minutes; premiered 6/18/2022 on Arte.tv and myCANAL in France as “La Chute des Rois Maya.” Filmed/interviewed during the 2020 field season in Belize. (Zoot Pictures, Inc., Winnipeg, Canada). [link](#)
- 2022 *Ancient Maya Metropolis*. Premiered 1/26/2022 on NOVA. Filmed/interviewed during the 2020 field season in Belize. (Fierce Turtle Media/Zoot Pictures, Inc., Winnipeg, Canada). [link](#)
-

Public Lectures

- 2022 June “Ancient Mesoamerican Population History: Estimating Past Complexity and Change from the Archaeological Record” (Arlen F. Chase, Diane Z. Chase, and **Adrian S.Z. Chase**) Amerind free online lecture, Arizona
- 2021 Oct “The Archaeology of Inequality, Disparity, and Wealth at Caracol, Belize” (**Adrian S.Z. Chase**) Online guest lecture for LSU Lambda Alpha Online Lecture Series, Louisiana
- 2021 May “To the City’s Edge: Urbanism at Caracol, Belize.” (**Adrian S.Z. Chase**) Online guest lecture for SUNY Oswego Department of Anthropology, New York
-

Service to the Profession

Society for American Archaeology (SAA):

Member of the Committee on Ethics (from April 2021 to April 2024)

Peer reviewer for the following journals:

Advances in Archaeological Practice
Journal of Archaeological Method and Theory
Journal of Archaeological Research
Journal of Archaeological Science: Reports
MDPI Hydrology
MDPI Land

Panel member for grant proposals:

National Aeronautics and Space Administration (NASA), Space Archaeology
(Spring 2020)

Service to Arizona State University

- 2019 Autumn Graduate student mentor for Christopher Langenderfer’s undergraduate honors contract (weekly meetings to discuss lidar in archaeology with Chris writing a final term paper)
- 2014-2015 Archaeology approach representative for SHESC (School of Human Evolution and Social Change) AAGS (Association of Anthropology Graduate Students) council
- 2013-2021 Association of All Graduate Students (AAGS) mentor for 8 graduate students – volunteering to mentor one newly admitted student each year.
-

Spoken Languages

English	Fluent
Spanish	Moderate Speaking and Proficient Reading

Software Proficiencies

Programming	Proficient in: Java and Python & Experience with: C, PHP, and PLT-Scheme
GIS	ArcGIS, GRASS GIS, QGIS, Python libraries: libLAS, GDAL/OGR, NumPy, and SciPy
Statistics	R, OxCal
ABM	NetLogo
Databases	MySQL, PostgreSQL

Awards & Honors

2020	College of Liberal Arts and Sciences Graduate Excellence Award (ASU, AZ)
2019	College of Liberal Arts and Sciences Graduate Excellence Award (ASU, AZ)
2018	College of Liberal Arts and Sciences Graduate Excellence Award (ASU, AZ)
2016	Inducted into the Phi Kappa Phi (ΦΚΦ) honor society (National, USA)
2015	College of Liberal Arts and Sciences Graduate Excellence Award (ASU, AZ)
2014	SHESC honorable mention for the Ruppé Prize in Archaeology (ASU, AZ)
2014	College of Liberal Arts and Sciences Graduate Excellence Award (ASU, AZ)
2008	Valedictorian, Winter Springs High School (Winter Springs, FL)
2007	National Merit Scholar (National, USA)

Professional Societies

2016-present	ΦΚΦ, the Honor Society of Phi Kappa Phi
2011-present	SAA, the Society for American Archaeology

References Available Upon Request
